

Environmental Stewardship Technical Report

Appendix C | S.R. 435 (Kirkman Road) at Conroy Road – Pedestrian Tunnel

December 15, 2025

FINAL





What Is In This Document?

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1 Project Overview

County: Orange County

Planning Organization: MetroPlan Orlando

Description: S.R. 435 (Kirkman Road)

Phase: Planning Screen

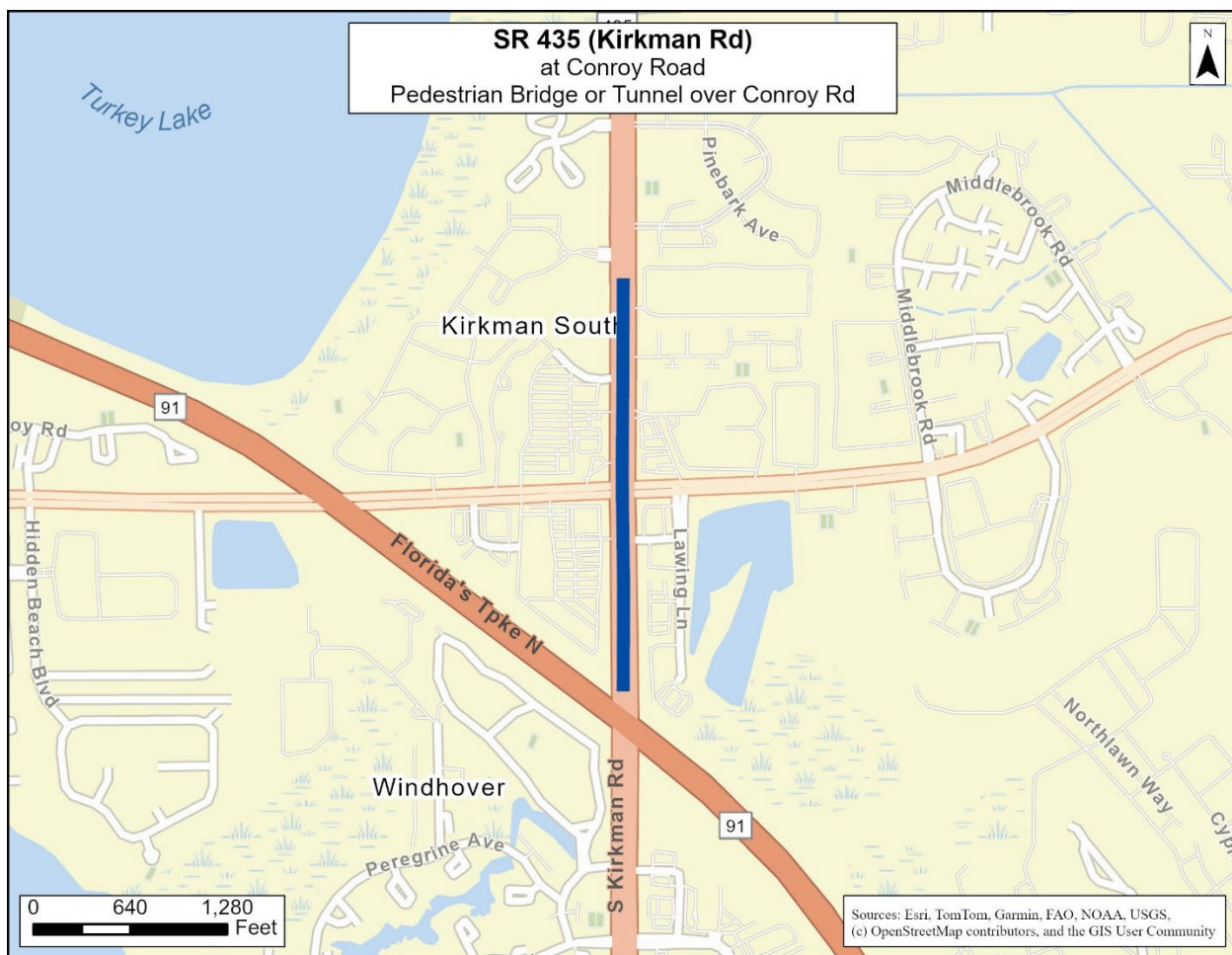
At: Conroy Road

Federal Involvement: City of Orlando

Pedestrian Tunnel

Project ID: 20256

Figure 1 | Project Location Map



Source: ETDM 2025

1.1 PURPOSE AND NEED

1.1.1 PURPOSE

The purpose of this project is to provide a pedestrian tunnel at the intersection of State Road (S.R.) 435 with Conroy Road.

1.1.2 NEED

This project is needed to improve pedestrian safety at the intersection of S.R. 435 with Conroy Road. This intersection is located in an area of the City of Orlando which experiences very high pedestrian volumes due to the nearby tourist attractions and commercial areas.

1.1.3 PROJECT STATUS

The construction of a pedestrian tunnel at the intersection of S.R. 435 with Conroy Road 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 \$7.67 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 implement recommendations for the intersection of S.R. 435 with Conroy Road as recommended in the Orlando CROSS Study (2024 grant funded study) to add a pedestrian tunnel as proposed in the SW Bike/Ped Feasibility Study. The project is located in Orlando, Florida in Orange County. S.R. 435 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 the Sub-Section C.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 200-foot project buffer area, the SDR identified the following demographics:

Population and Income

The SDR identified 41 households with a population of 85 people. The median household income is \$64,542. 12.2% of households are below poverty level, with 2.4% of households receiving public assistance.

From the SDR, the population is shown to have generally increased from 29 in 1990 to 57 in 2000, 90 in 2010, and 121 in 2020, before declining to 85 in 2023.

Race and Ethnicity

The SDR identified that 29.4% (25 people) of the population identify as White Alone, 22.5% (19 people) identify as Black or African American Alone, 3.5% of the population identify as Asian Alone, 11.8% (10 people) of the population identify as Some Other Race Alone, 31.8% of the population Claimed 2 or More Races, and the race of the remaining 1.1% (16 people) is unaccounted for.



41.2% of the population identify as Hispanic or Latino of Any Race, and 75.3% of the population identify as Minority. This is higher than the overall ethnicity trends for Orange County, with ~33% identifying as Hispanic or Latino of Any Race, and ~63% identifying as Minority.

Age and Disability

The median age of the population is 31 years. 76.47% of the population falls between the ages of 18 and 64 years, 16.47% are younger than 18 years, and 3.53% are 65 years or older. For comparison, the median age in Orange County is 36.4 years, with 65.68% falling between the ages of 18 and 64 years. Within the area of interest, 6.06% of the population (4 people) has a disability, which is slightly lower than the overall disabled population in Orange County (9.2%).

Housing

There are 53 total housing units along the corridor (8.35 units per acre). Six units are owner-occupied, 34 units are renter-occupied, 12 units are vacant, and one unit is unaccounted for. The median housing value is \$158,000, which is significantly lower than the median housing value for Orange County (\$358,300). Within the area of interest, seven households (17.1%) do not have a vehicle available.

Language

The amount of data available for spoken languages is somewhat less than for other demographics, with data only available for 61 of the 85 residents along the corridor. Of the 61, 18 speak English well, 6 speak English not well, 2 speak English not at all, 8 speak English not well or not at all, and 27 speak English “Less than Very Well.”

2.2 LAND USES

The Existing Land Use (ELU) surrounding the Kirkman Road corridor was taken from the geographic information system (GIS) Analysis Report. Within the area of interest, the primary land use is Roads and Highways (97.1%). The remaining land uses (2.9%) surrounding Kirkman Road include Retail Sales and Services, Multiple Dwelling Units, Low Rise (Two Stories or Less), Cypress, and Multiple Dwelling Units, High Rise (Three Stories or More).

The Future Land Uses (FLUs) shown in the GIS Analysis Report are consistent with the ELUs, with the vast majority (97.75%) of the land designated as Transportation/Utilities, followed by Mixed Use – Neighborhood/Activity Center, Conservation, and High Density Residential.

There are no Planned Unit Developments located near the corridor.

2.3 MOBILITY

Per the 2023 ACS, 17.07% of households do not have a 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 no aesthetic features along the corridor.

2.5 RELOCATION POTENTIAL

The residential areas surrounding this segment of Kirkman Road consist of Multiple Dwelling Units, Low Rise (Two Stories or Less) and Multiple Dwelling Units, High Rise (Three Stories or More). Relocation potential is minimal since the few properties that are located directly on Kirkman Road are 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 within or adjacent to the project area.

2.7 CULTURAL AND TRIBAL

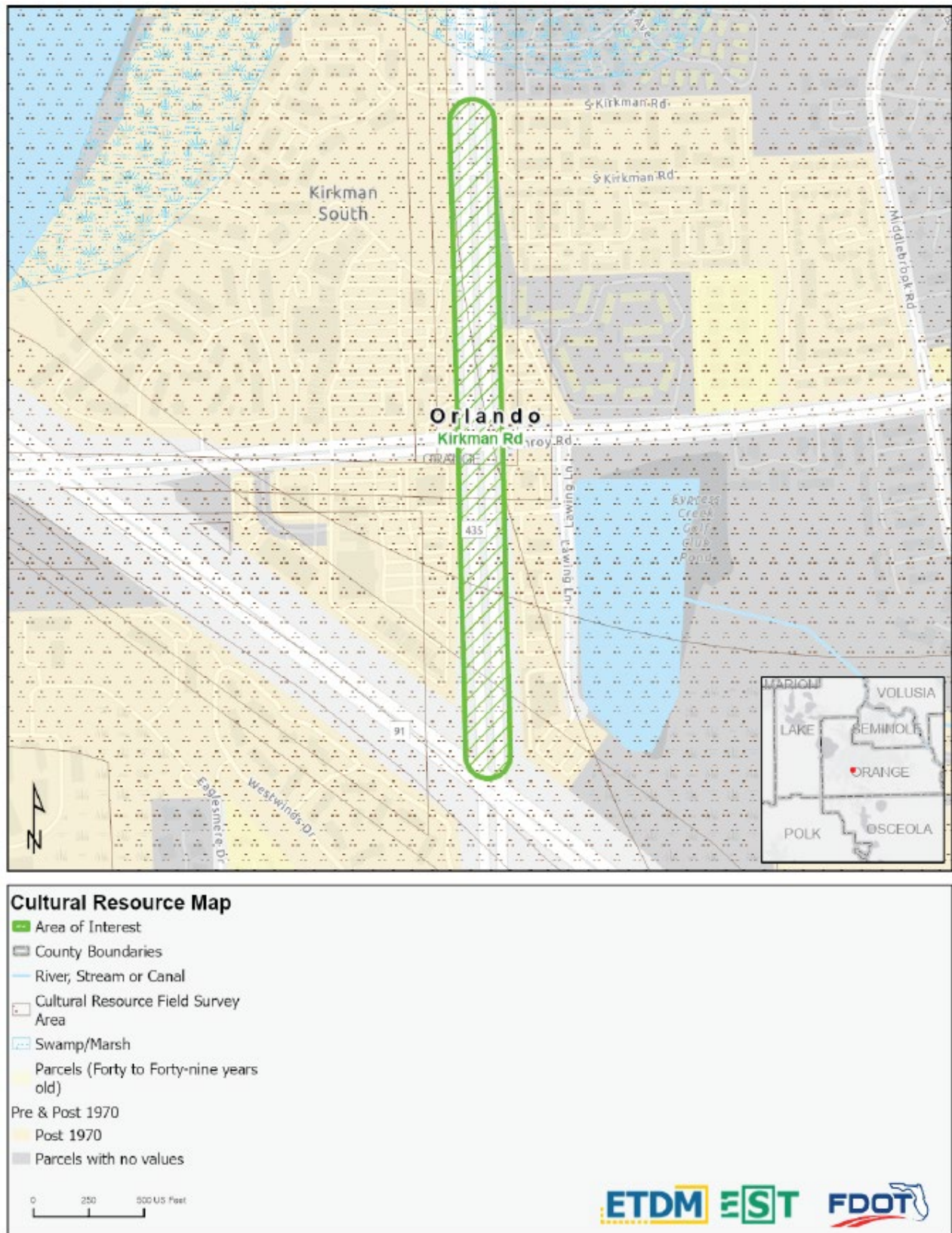
2.7.1 SECTION 4(F) POTENTIAL

There is minimal potential for Section 4(f) regulations applying to the corridor as there are no properties that meet the criteria for Section 4(f).

2.7.2 HISTORIC AND ARCHAEOLOGICAL SITES

There are no historic resources or structures identified within or adjacent to the study area buffer.

Figure 2 | Cultural Resource Map



Source: ETDM 2025

2.7.3 RECREATION AND PROTECTED LANDS

There are no recreational or protected lands surrounding the corridor.

2.8 NATURAL

2.8.1 SOILS

Three (3) 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
323143	Basinger	90	Basinger Fine Sand, Frequently Ponded, 0-1% slopes	33228	Yes	Poorly Drained	Consociation
323155	Samsula	85	Samsula Muck, Frequently Ponded, 0-1% slopes	5107	Yes	Very Poorly Drained	Consociation
323159	Smyrna	76	Smyrna-Smyrna, Wet, Fine Sand, 0-2% slopes	145161	No	Poorly Drained	Complex

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 Water Management District (WMD) Wetlands are as follows:

- Cypress – 0.09-acre – 0.65%.

2.8.3 WATER RESOURCES

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

Table 2 | Basin Management Action Plans (BMAP)

Total Maximum Daily Loads (TMDL) Basin Rotation Group	Description	Type	Status
Lake Okeechobee	Lake Okeechobee	Surface Water BMAP	Adopted BMAPs

Source: ETDM 2025

Table 3 | Environmental Protection Agency (EPA) National Pollutant Discharge Elimination Systems (NPDES) facilities

Facility ID	Facility Name	Permit or Program Type
110028289992	Bank Atlantic at Metrowest	ICIS-NPDES Non-Major
110028289992	Bank Atlantic at Metrowest	Storm Water Construction
110028302762	Studio Parc Condominiums	ICIS-NPDES Non-Major
110028302762	Studio Parc Condominiums	Storm Water Construction
110054121534	Auto Zone #4956 – Kirkman Road	ICIS-NPDES Non-Major
110054121534	Auto Zone #4956 – Kirkman Road	Storm Water Construction
110054128984	Auto Zone #4960	ICIS-NPDES Non-Major
110054128984	Auto Zone #4960	Storm Water Construction
110057189420	LA Fitness at Kirkman Shoppes	ICIS-NPDES Non-Major
110057189420	LA Fitness at Kirkman Shoppes	Storm Water Construction
110060363903	Walgreens at Kirkman and Conroy	ICIS-NPDES Non-Major
110060363903	Walgreens at Kirkman and Conroy	Storm Water Construction

Source: ETDM 2025

Additional water resources identified in the EST screening include:

- One (1) HUC 12 Sub Watershed Boundary: Big Sand Lake (030901010301).
- Restoration Area Plans and Non-BMAP TMDL Implementation: Little Wekiva Canal (WBID: 304).
- Waters Not Attaining Standards (WMAS): Shingle Creek Headwaters (WBID: 3169G1).

2.8.4 FLOODPLAINS

There are 12.53 acres within the study area that are outside of the identified 500-year flood plain.

There are 1.24 acres within the study area that are within the identified 500-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 U.S. Fish and Wildlife Service 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)
- Florida Scrub-jay (Threatened)
- 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)
 - Scrub Lupine (Endangered)
- State Listed Species
 - Birds
 - Little Blue Heron (Threatened)
 - Roseate Spoonbill (Threatened)
 - Tricolored Heron (Threatened)
 - Burrowing Owl (Threatened)
 - Florida Sandhill Crane (Threatened)
 - Reptiles
 - Florida Pine Snake (Threatened)
 - Short-Tailed Snake (Threatened)
 - Gopher Tortoise (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

One urbanized area (Orlando), two Homeowner and Condominium Associations, and two residential areas (one high rise and one low rise multifamily) were identified in the buffer area.

2.9.2 AIR QUALITY

There are two U.S. Environmental Protection Agency (USEPA) Regulated Air Emissions Facilities (ICIS-AIR) within the buffer area.

2.9.3 CONTAMINATION

There are four specific soils – SSURGO, 12 USEPA NPDES features (6 facilities), one NPDES stormwater permit (FLS000014), three USEPA Resource Conservation and Recovery Act (RCA) Regulated Facilities, one Florida Department of Environmental Protection (FDEP) Petroleum



Contamination Monitoring site, one FDEP Storage Tank Contamination Monitoring (STCM) site, and three Florida Department of Health (FDOH) Biomedical Waste Facilities within the buffer area.

2.9.4 INFRASTRUCTURE

No infrastructure was 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.

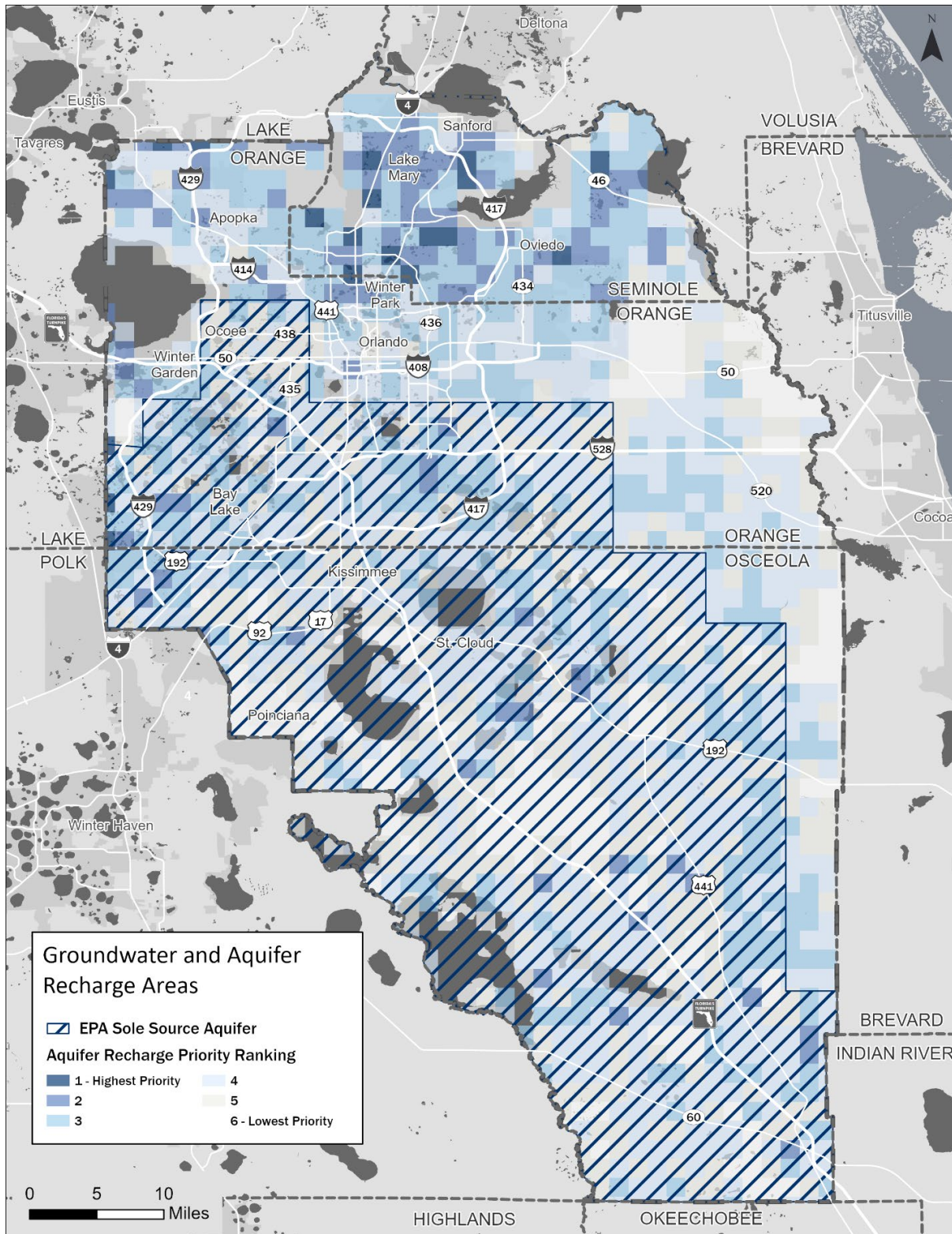
2.10.3 WILD AND SCENIC RIVERS

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.

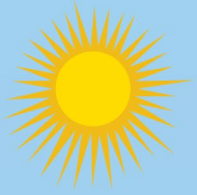
2.10.4 SOLE SOURCE AQUIFERS

The GIS Analysis Report identified one Sole Source Aquifer within the buffer area: Biscayne Aquifer SSA Streamflow and Recharge Source Zones.

Figure 3 | Sole Source Aquifer and Recharge Areas in the MetroPlan Planning Region



Sources: FNAI, 2021; EPA, 2019



C.1 Sociocultural Data Report



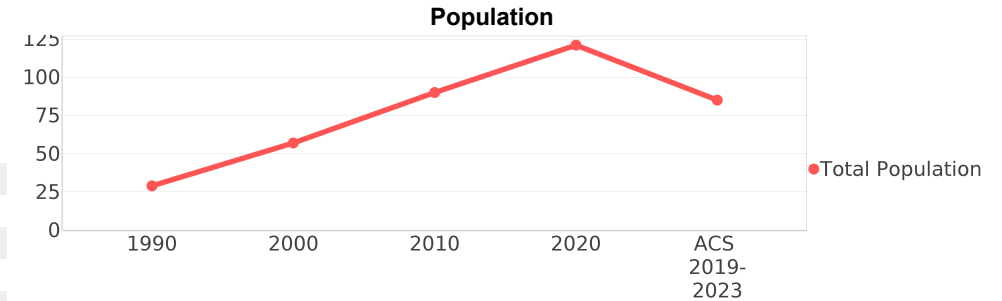
MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd

Area: 2 0.022 square miles
 Jurisdiction - Cities: 3 Orlando
 Jurisdiction - Counties: 3 Orange



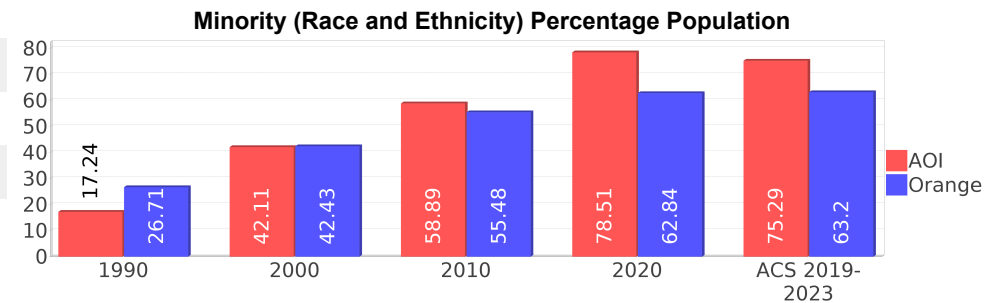
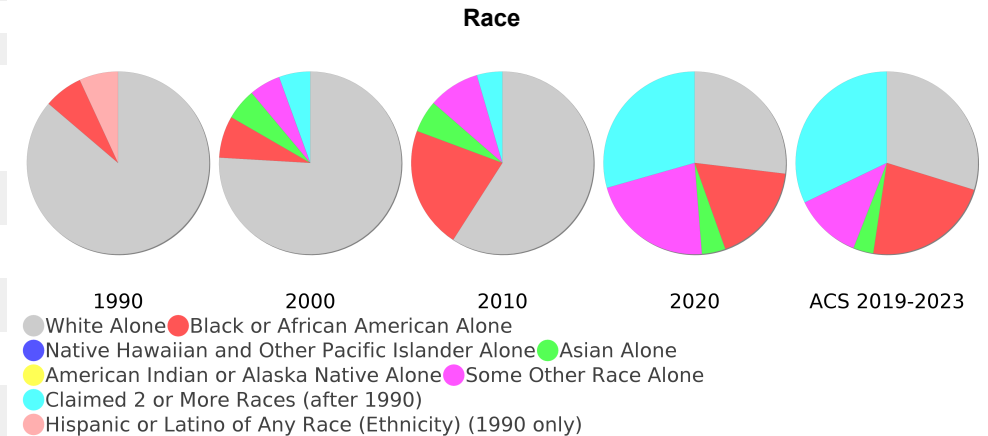
General Population Trends

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Total Population	29	57	90	121	85
Total Households	15	29	43	50	41
Average Persons per Acre	4.01	5.72	9.84	12.87	13.44
Average Persons per Household	1.96	1.92	2.01	2.39	2.10
Average Persons per Family	2.68	2.70	3.00	3.02	2.92
Males	15	29	44	61	36
Females	14	28	45	60	49



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

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
White Alone	25 (86.21%)	41 (71.93%)	52 (57.78%)	32 (26.45%)	25 (29.41%)
Black or African American Alone	2 (6.90%)	4 (7.02%)	19 (21.11%)	21 (17.36%)	19 (22.35%)
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%)	3 (5.26%)	5 (5.56%)	5 (4.13%)	3 (3.53%)
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 (5.26%)	8 (8.89%)	26 (21.49%)	10 (11.76%)
Claimed 2 or More Races	NA (NA)	3 (5.26%)	4 (4.44%)	35 (28.93%)	27 (31.76%)
Hispanic or Latino of Any Race (Ethnicity)	2 (6.90%)	12 (21.05%)	24 (26.67%)	51 (42.15%)	35 (41.18%)
Not Hispanic or Latino (Ethnicity)	27 (93.10%)	45 (78.95%)	66 (73.33%)	70 (57.85%)	50 (58.82%)
Minority (Race and Ethnicity)	5 (17.24%)	24 (42.11%)	53 (58.89%)	95 (78.51%)	64 (75.29%)



Age Trends ⁵

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Under Age 5	3.45%	5.26%	5.56%	5.79%	5.88%
Ages 5-17	6.90%	7.02%	11.11%	16.53%	10.59%
Ages 18-21	6.90%	7.02%	5.56%	4.13%	1.18%
Ages 22-29	37.93%	29.82%	24.44%	14.88%	20.00%
Ages 30-39	20.69%	22.81%	21.11%	20.66%	21.18%
Ages 40-49	6.90%	10.53%	13.33%	16.53%	20.00%
Ages 50-64	6.90%	8.77%	11.11%	13.22%	14.12%
Age 65 and Over	0.00%	3.51%	3.33%	4.96%	3.53%
-Ages 65-74	0.00%	1.75%	2.22%	3.31%	1.18%
-Ages 75-84	0.00%	0.00%	1.11%	0.83%	1.18%
-Age 85 and Over	0.00%	0.00%	0.00%	0.00%	1.18%
Median Age	NA	30	30	33	31

Income Trends ^{12, 13, 5}

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Median Household Income	\$28,542	\$36,357	\$45,282	\$37,950	\$64,542
Median Family Income	\$32,000	\$40,850	\$47,470	\$48,682	\$77,712
Population below Poverty Level	6.90%	10.53%	12.22%	5.79%	12.94%
Households below Poverty Level	6.67%	6.90%	6.98%	8.00%	12.20%
Households with Public Assistance Income	0.00%	0.00%	0.00%	0.00%	2.44%

Disability Trends ¹⁰

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

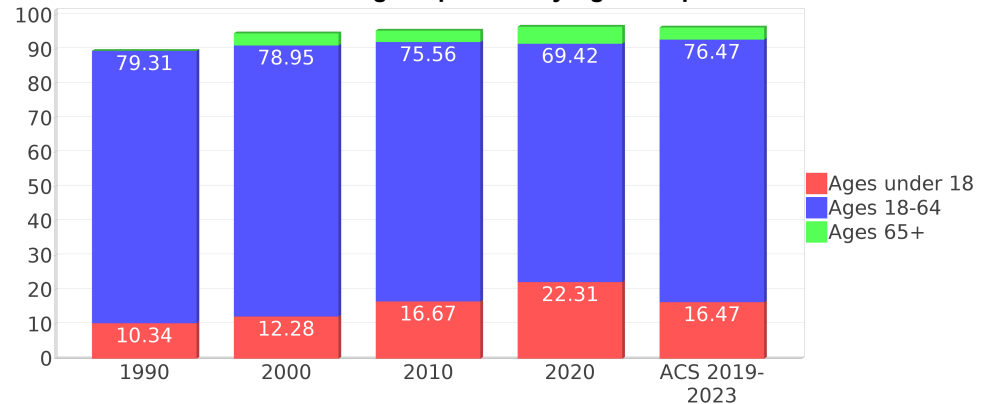
Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Population 16 To 64 Years with a disability	1 (4.00%)	10 (18.52%)	(NA)	(NA)	(NA)
Population 20 To 64 Years with a disability	(NA)	(NA)	(NA)	5 (8.62%)	4 (6.06%)

Educational Attainment Trends ^{11, 5}

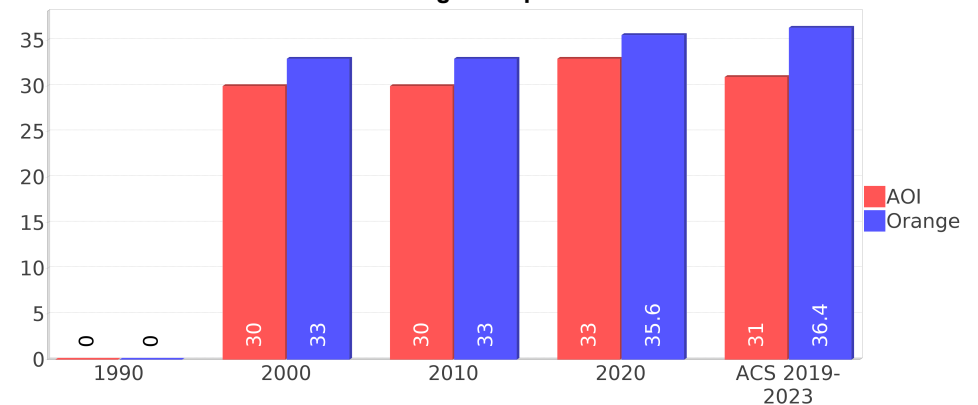
Age 25 and Over

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Less than 9th Grade	0 (0.00%)	0 (0.00%)	2 (3.17%)	0 (0.00%)	0 (0.00%)
9th to 12th Grade, No Diploma	1 (5.26%)	2 (5.26%)	3 (4.76%)	1 (1.69%)	1 (1.59%)
High School Graduate or Higher	17 (89.47%)	35 (92.11%)	58 (92.06%)	57 (96.61%)	61 (96.83%)
Bachelor's Degree or Higher	6 (31.58%)	14 (36.84%)	24 (38.10%)	20 (33.90%)	26 (41.27%)

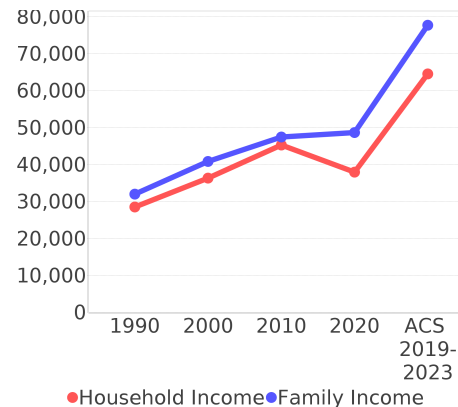
Percentage Population by Age Group



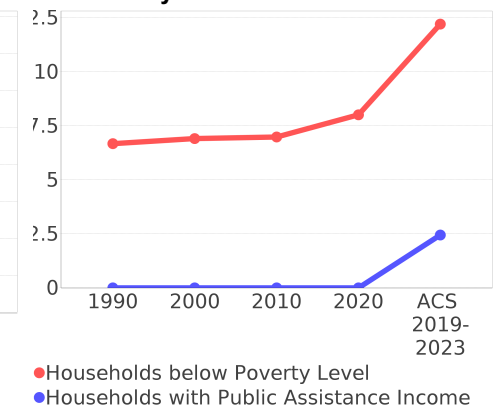
Median Age Comparison



Income Trends



Poverty and Public Assistance



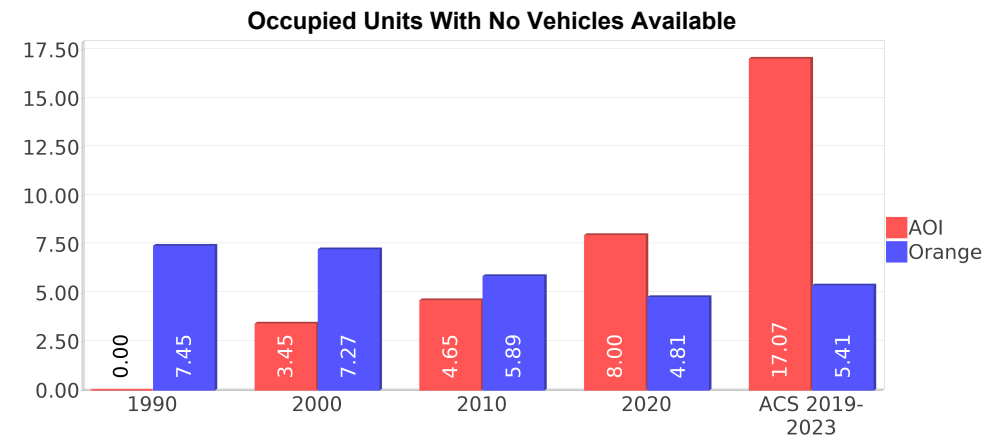
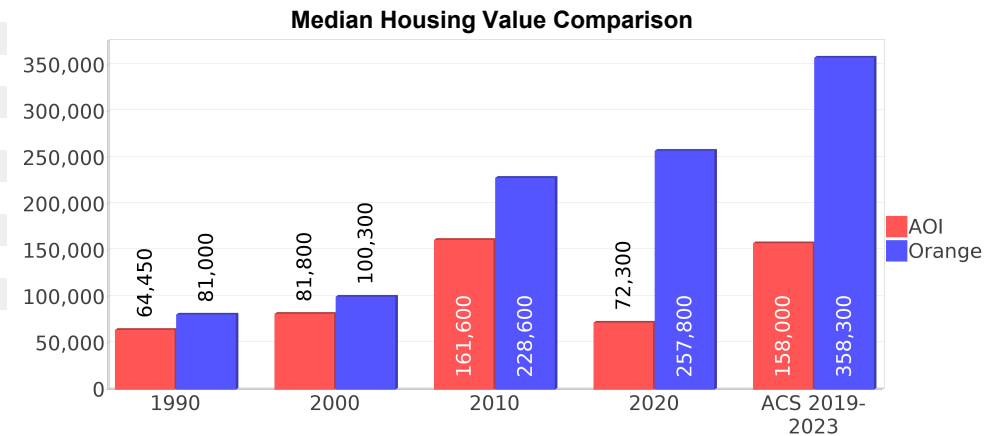
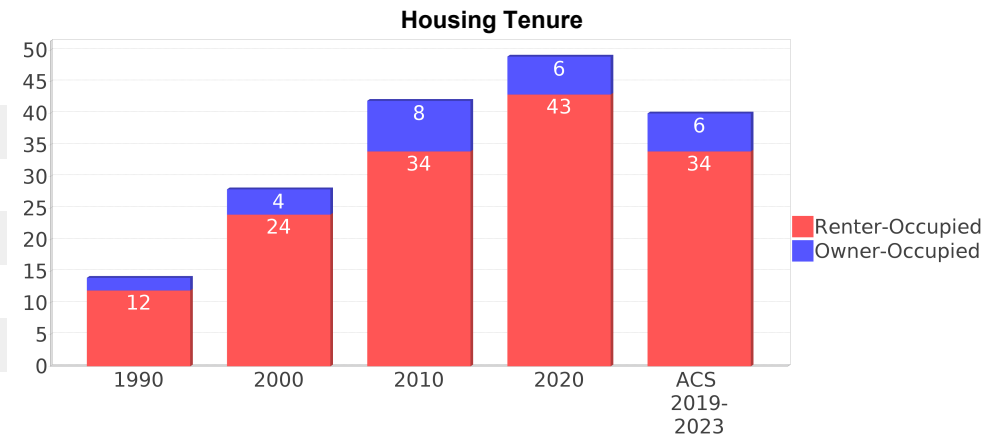
Language Trends [5](#)

Age 5 and Over

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Speaks English Well	0 (0.00%)	4 (7.41%)	7 (7.87%)	6 (8.22%)	18 (22.50%)
Speaks English Not Well	NA (NA)	3 (5.56%)	6 (6.74%)	6 (8.22%)	6 (7.50%)
Speaks English Not at All	NA (NA)	0 (0.00%)	3 (3.37%)	1 (1.37%)	2 (2.50%)
Speaks English Not Well or Not at All	0 (0.00%)	NA (NA)	9 (10.11%)	7 (9.59%)	8 (10.00%)
Speaks English Less than Very Well	NA (NA)	8 (14.81%)	16 (17.98%)	14 (19.18%)	27 (33.75%)

Housing Trends [5](#)

Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Total	18	32	55	56	53
Units per Acre	2.06	3.19	6.10	8.83	8.35
Single-Family Units	2	3	4	4	5
Multi-Family Units	12	29	49	42	47
Mobile Home Units	0	0	0	0	0
Owner-Occupied Units	2	4	8	6	6
Renter-Occupied Units	12	24	34	43	34
Vacant Units	2	3	12	6	12
Median Housing Value	\$64,450	\$81,800	\$161,600	\$72,300	\$158,000
Occupied Housing Units w/No Vehicle	0 (0.00%)	1 (3.45%)	2 (4.65%)	4 (8.00%)	7 (17.07%)



Geographic Mobility

Description	2020 ¹	ACS 2019- 2023
Median year householder moved into unit - Total	2015	2017
Median year householder moved into unit - Owner Occupied	2005	2016
Median year householder moved into unit - Renter Occupied	2016	2017
Abroad 1 year ago	4	2
Different house in United States 1 year ago	20	11
Same house 1 year ago	49	71
Geographical Mobility in the Past Year - Total	75	85

Computers and Internet

Description	2020 ¹	ACS 2019- 2023
Total Households Types of Computers in HH	39	41
Households with 1 or more device	39	40
Households with no computer	0	0
Total Households Presence and Types of Internet Subscriptions	39	41
Households with an internet subscription	37	39
Households with internet access without a subscription	0	1
Households with no internet access	1	0

Household Languages

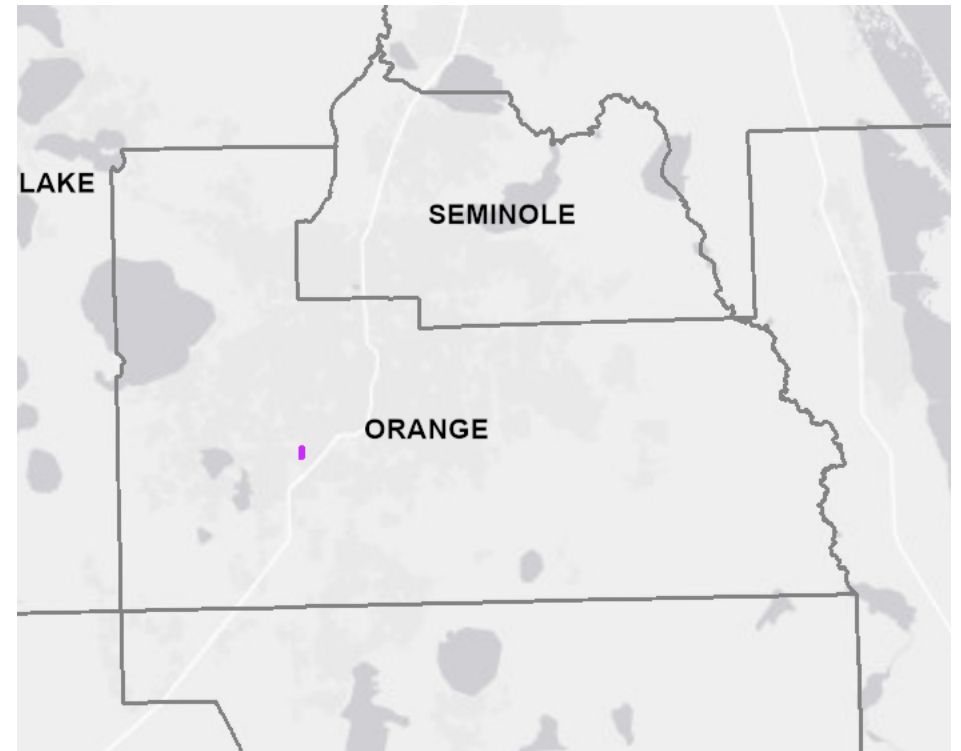
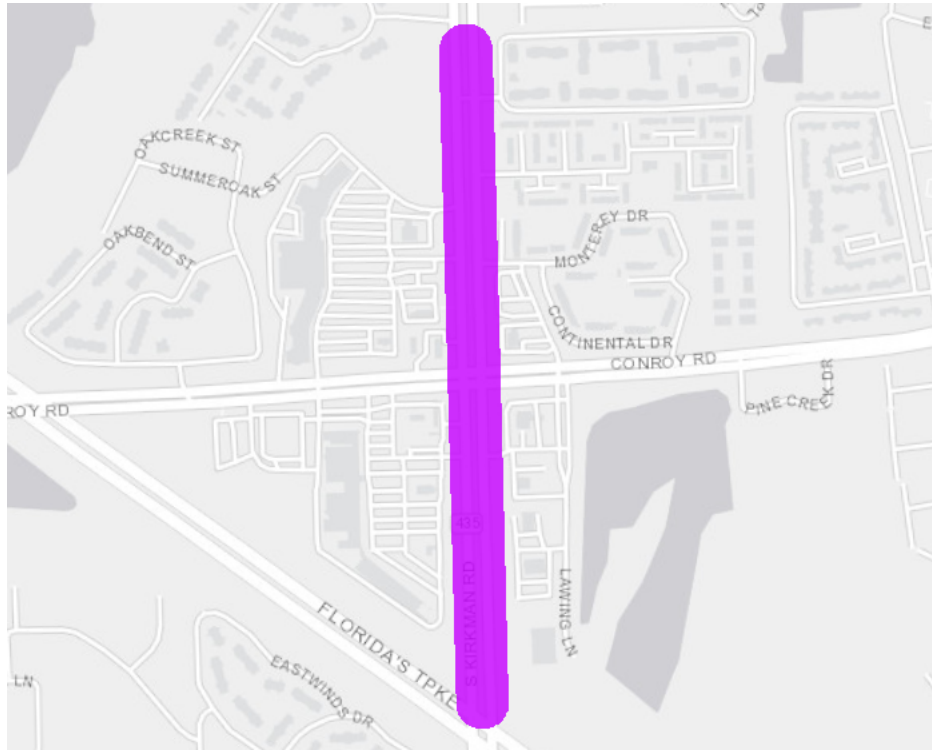
Description	2020 ¹	ACS 2019- 2023
Total Households by Household Language	39	41
Household Not Limited English Speaking Status	34	32
Spanish: Limited English speaking household	2	5
Indo-European languages: Limited English speaking household	1	1
Asian and Pacific Island languages: Limited English speaking 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	0.00%
Institutional	0	0.00%
Mining	0	0.00%
Other	0	0.00%
Public/Semi-Public	0	0.00%
Recreation	0	0.00%
Residential	<0.5	<3.63%
Retail/Office	<0.5	<3.63%
Row	0	0.00%
Vacant Residential	0	0.00%
Vacant Nonresidential	0	0.00%
Water	0	0.00%
Parcels With No Values	0	0.00%

- Acreage Not Zoned For Agriculture
- Agricultural
- Centrally Assessed
- Industrial
- Institutional
- Mining
- Other
- Public/Semi-Public
- Recreation
- Residential
- Retail/Office
- Row
- Vacant Residential
- Vacant Nonresidential
- Water
- Parcels With No Values

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

120950146032, 120950147005

2000 Census Block Groups

120950146071, 120950146061, 120950147041

2010 Census Block Groups

120950146071, 120950146061, 120950147041

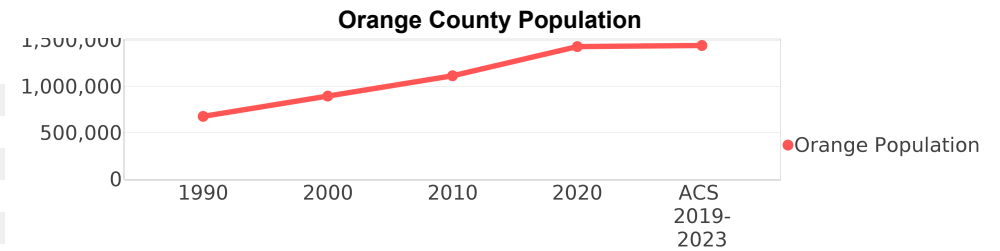
Census Block Groups

120950146072, 120950146061, 120950147061

Orange County Demographic Profile

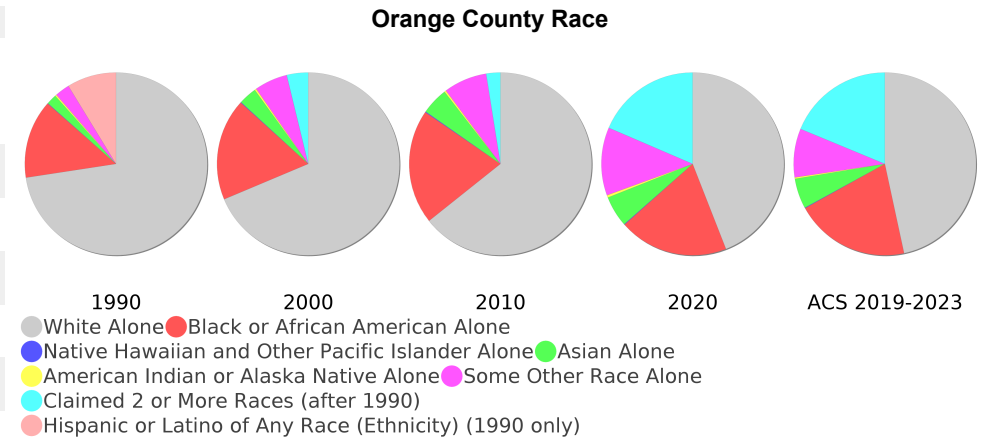
General Population Trends - Orange ⁵

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}

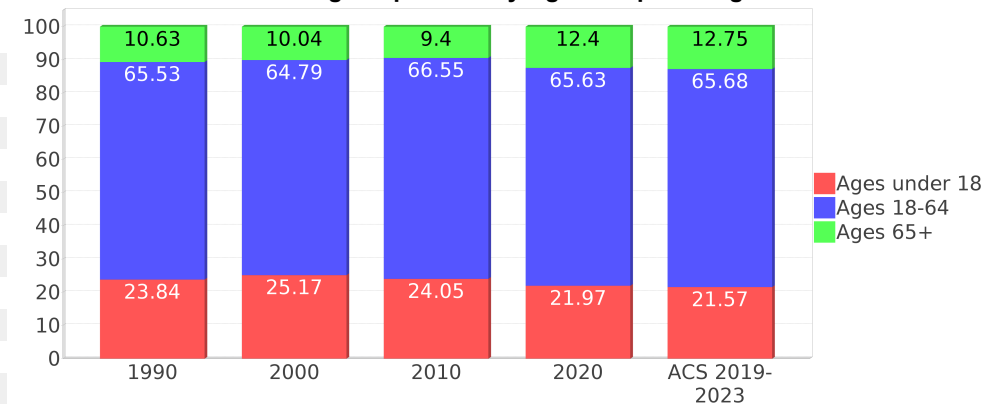
Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
White Alone	539,061 (79.57%)	615,706 (68.69%)	717,711 (64.31%)	629,789 (44.04%)	671,615 (46.62%)
Black or African American Alone	103,092 (15.22%)	161,558 (18.02%)	226,111 (20.26%)	277,027 (19.37%)	292,616 (20.31%)
Native Hawaiian and Other Pacific Islander 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.

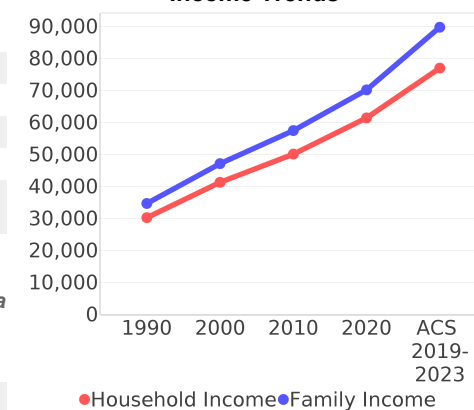
Description	1990	2000	2010 ¹	2020 ¹	ACS 2019-2023
Population 16 To 64 Years with a disability	33,640 (6.57%)	119,793 (14.56%)	NA (NA)	NA (NA)	NA (NA)
Population 20 To 64 Years with a disability	NA (NA)	NA (NA)	NA (NA)	78,853 (9.21%)	82,192 (9.21%)

Educational Attainment Trends - Orange ^{11, 5}

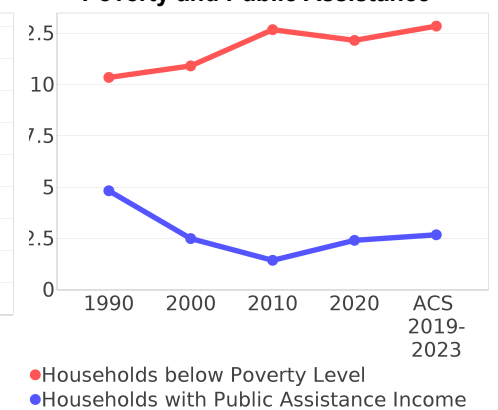
Age 25 and Over

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

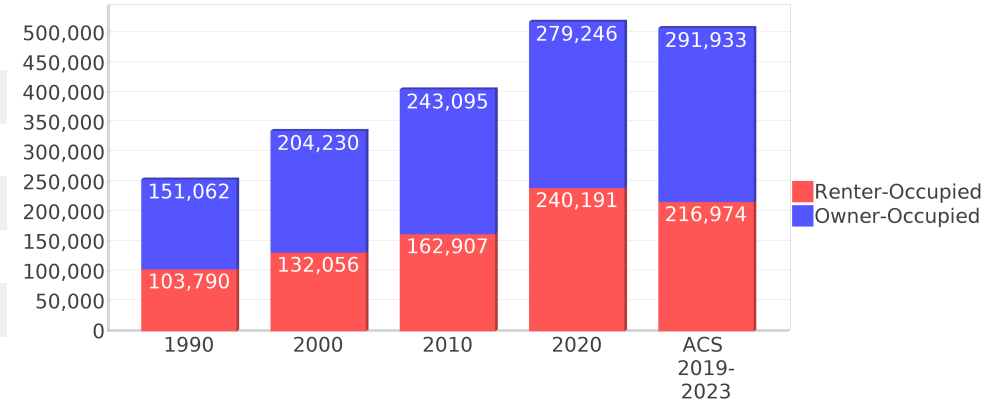
Age 5 and Over

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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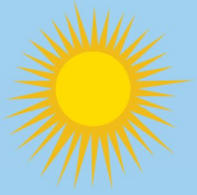
(36) The "Minority" calculations use both the race and ethnicity responses from Census and ACS data. In this report, "Minority" refers to individuals who list a race other than White and/or list their ethnicity as Hispanic/Latino. In other words, people who are multi-racial, any single race other than 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.flc-etat.org/meta/gc_communitycenter.xml
- (40) Correctional Facilities in Florida https://etdmpub.flc-etat.org/meta/gc_correctional.xml
- (41) Cultural Centers in Florida https://etdmpub.flc-etat.org/meta/gc_culturecenter.xml
- (42) Fire Department and Rescue Station Facilities in Florida https://etdmpub.flc-etat.org/meta/gc_firestat.xml
- (43) Local, State, and Federal Government Buildings in Florida https://etdmpub.flc-etat.org/meta/gc_govbuild.xml
- (44) Florida Health Care Facilities https://etdmpub.flc-etat.org/meta/healthcare_facilities.xml
- (45) Hospital Facilities in Florida https://etdmpub.flc-etat.org/meta/gc_hospitals.xml
- (46) Law Enforcement Facilities in Florida https://etdmpub.flc-etat.org/meta/law_enforcement_facilities.xml
- (47) Florida Parks and Recreational Facilities https://etdmpub.flc-etat.org/meta/gc_parks.xml
- (48) Religious Centers https://etdmpub.flc-etat.org/meta/gc_religion.xml
- (49) Florida Public and Private Schools https://etdmpub.flc-etat.org/meta/gc_schools.xml
- (50) Social Service Centers https://etdmpub.flc-etat.org/meta/gc_socialservice.xml
- (51) Assisted Rental Housing Units in Florida https://etdmpub.flc-etat.org/meta/affordable_public_housing.xml
- (52) Group Care Facilities <https://etdmpub.flc-etat.org/meta/groupcare.xml>
- (53) Mobile Home Parks in Florida https://etdmpub.flc-etat.org/meta/gc_mobilehomes.xml
- (54) Migrant Camps in Florida <https://etdmpub.flc-etat.org/meta/migrant.xml>
- (55) Veteran Organizations and Facilities https://etdmpub.flc-etat.org/meta/gc_veterans.xml
- (56) Generalized Land Use https://etdmpub.flc-etat.org/meta/lu_gen.xml
- (57) Census Block Groups in Florida https://etdmpub.flc-etat.org/meta/e2_cenacs_cci.xml
- (58) 1990 Census Block Groups in Florida https://etdmpub.flc-etat.org/meta/e2_cenblkgrp_1990_cci.xml
- (59) 2000 Census Block Groups in Florida https://etdmpub.flc-etat.org/meta/e2_cenblkgrp_2000_cci.xml
- (60) 2010 Census Block Groups in Florida https://etdmpub.flc-etat.org/meta/e2_cenblkgrp_2010_cci.xml



C.2 Geographic Information System (GIS) Analysis Report



MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

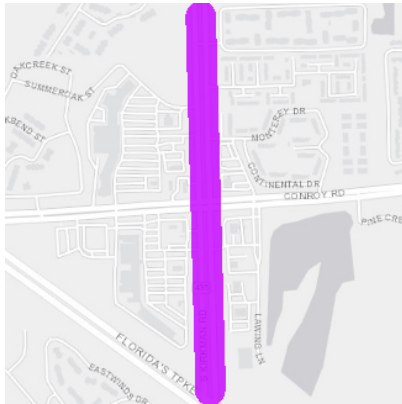
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



Analysis Type		Date Run	Features within AOI
			Count
Aesthetic Effects			
FDOT - Outdoor Advertising		10/16/2025	0
FDOT Noise Barriers		10/16/2025	0
FDOT RCI Scenic Highways		10/16/2025	0
HUD Empowerment Zones / Enterprise Communities		10/16/2025	0
USCB 2010 Census Designated Places		10/16/2025	1
WMD Residential Areas (FLUCCS Level 3)		10/16/2025	2

USCB 2010 Census Designated Places

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name

Orlando

Summary: 13.77 acres, 100 percent of analysis area.

WMD Residential Areas (FLUCCS Level 3)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1340: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)	0.01	0.07%
1330: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)	0.14	1.02%
Totals	0.15	-

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

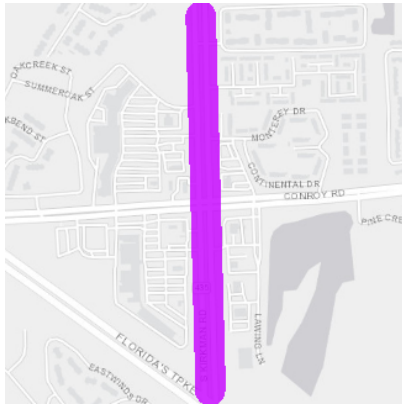
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	2
WMD Industrial Areas (FLUCCS Level 3)		10/16/2025	0

USCB 2010 Census Designated Places

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name

Orlando

Summary: 13.77 acres, 100 percent of analysis area.

USEPA Regulated Air Emissions Facilities (ICIS-AIR)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID

Facility Name

110001750132

CONTEMPORARY CLEANERS

110062697684

HARI-OM INC

Summary: 2 feature(s) found within buffer.

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

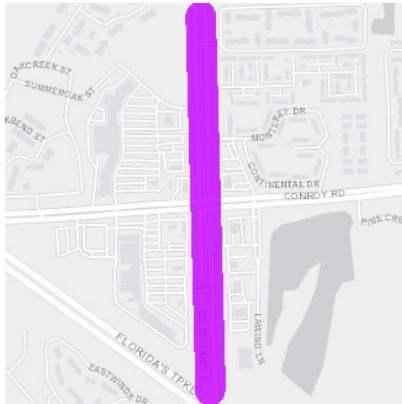
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	5
		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	0
BAR National Register of Historic Places		10/16/2025	0
BTS (FRA) Railroad Crossings		10/16/2025	0
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	0
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	0
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	1
FDEP Brownfield Location Boundaries	i	10/16/2025	0
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	1
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	2
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	1
FDEP Hazardous Waste Facilities		10/16/2025	0
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	9
FDEP Mitigation Banks		10/16/2025	0
FDEP NPDES Stormwater Permits		10/16/2025	1

Analysis Type		Date Run	Count
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 Other Outstanding Florida Waters		10/16/2025	0
FDEP Outstanding Florida Springs (OFS)		10/16/2025	0
FDEP Petroleum Contamination Monitoring Sites		10/16/2025	1
FDEP Public Water Supply (PWS) Plants		10/16/2025	0
FDEP Restoration Area Plans and Non-BMAP TMDL Implementation		10/16/2025	0
FDEP STORET Stations		10/16/2025	0
FDEP Sea-Level Impact Projection (SLIP) Study Area		10/16/2025	0
FDEP Solid Waste Facilities		10/16/2025	0
FDEP Springs		10/16/2025	0
FDEP Springs Priority Focus Areas		10/16/2025	0
FDEP State funded Hazardous Waste Cleanup Sites		10/16/2025	0
FDEP Storage Tank Contamination Monitoring (STCM)		10/16/2025	1
FDEP Strategic Monitoring Plan (SMP) for Waterbodies		10/16/2025	0
FDEP Submerged State Land Records (TIITF)		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 Surface Water Classification		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

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	1
FDEP Waters Not Attaining Standards (WNAS)		10/16/2025	1
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	3
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	0
FDOT 5 Year Crash Rates (2014-2018)		10/16/2025	2
FDOT Bus Transit Routes		10/16/2025	18
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	1
FDOT Fatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2010)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2011)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2012)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2013)		10/16/2025	1
FDOT Fatal Crashes on SHS Roadways (2014)		10/16/2025	0
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	202
FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	123
FDOT Nonfatal Crashes on SHS Roadways (2010)		10/16/2025	74
FDOT Nonfatal Crashes on SHS Roadways (2011)		10/16/2025	48
FDOT Nonfatal Crashes on SHS Roadways (2012)		10/16/2025	40
FDOT Nonfatal Crashes on SHS Roadways (2013)		10/16/2025	98
FDOT Nonfatal Crashes on SHS Roadways (2014)		10/16/2025	148
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	0
FDOT RCI Grade Level Railroad Crossings		10/16/2025	0
FDOT RCI Scenic Highways		10/16/2025	0
FDOT Railroad Crossings (RHCI)		10/16/2025	0
FDOT Railroads in the State of Florida		10/16/2025	0
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	1
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	0
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	9
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	3
GEOPLAN GeoPlan Future Land Use 2020 - Level 2		10/16/2025	5
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	2
GEOPLAN Hospitals		10/16/2025	0
GEOPLAN List Year Built (housing stock aged 40 - 44 years)		10/16/2025	0
GEOPLAN List Year Built (housing stock aged 45 - 49 years)		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 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	4
GEOPLAN Summary - Year Built (Pre 1970)		10/16/2025	0

Analysis Type		Date Run	Count
GEOPLAN Summary Year Built (housing stock aged 40 - 44 years)		10/16/2025	0
GEOPLAN Summary Year Built (housing stock aged 45 - 49 years)		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
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	2
NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data		10/16/2025	2
NRCS List of Specific Soils - SSURGO		10/16/2025	4
NRCS Prime Farm Land - Subset of NRCS Specific Soils Data		10/16/2025	0
NRCS Summary of Specific Soils - SSURGO		10/16/2025	4
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	0
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	0
SJRWMD Spring Capture Zones (Springsheds)		10/16/2025	0

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	1
Signal 4 Fatal Crashes (2021)		10/16/2025	1
Signal 4 Fatal Crashes (2022)		10/16/2025	1
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	120
Signal 4 Non-Fatal Crashes (2018-2020)		10/16/2025	302
Signal 4 Non-Fatal Crashes (2021)		10/16/2025	104
Signal 4 Non-Fatal Crashes (2022)		10/16/2025	99

Analysis Type		Date Run	Count
Signal 4 Non-Fatal Crashes (2023)		10/16/2025	85
Signal 4 Non-Fatal Crashes (2024)		10/16/2025	75
TNC Managed Burn Zones (Lake Wales Ridge)		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
UFCLCP Florida Ecological Greenways Network		10/16/2025	N/A
UFCLCP Wildlife Corridors in Florida		10/16/2025	0
USACE Major Dams		10/16/2025	0
USACE Mitigation Bank and In-Lieu Fee Program Sites		10/16/2025	0
USCB 2000 Census Block Data		10/16/2025	6
USCB 2000 Census Data Block Groups - Housing		10/16/2025	3
USCB 2000 Census Data Block Groups - Income		10/16/2025	3
USCB 2000 Census Data Block Groups - Language		10/16/2025	3
USCB 2000 Census Data Block Groups - Percentages		10/16/2025	3
USCB 2000 Census Data Block Groups - Population Densities		10/16/2025	3
USCB 2000 Census Data Block Groups - Population Totals		10/16/2025	3
USCB 2000 Census Data Block Groups - Transportation		10/16/2025	3
USCB 2000 US Census Block Data - Minority Population greater than 40%		10/16/2025	2
USCB 2010 Census County Demographics		10/16/2025	1
USCB 2010 Census Data Block Groups - Housing		10/16/2025	3
USCB 2010 Census Data Block Groups - Income		10/16/2025	3

Analysis Type		Date Run	Count
USCB 2010 Census Data Block Groups - Language		10/16/2025	3
USCB 2010 Census Data Block Groups - Percentages		10/16/2025	3
USCB 2010 Census Data Block Groups - Population Densities		10/16/2025	3
USCB 2010 Census Data Block Groups - Population Totals		10/16/2025	3
USCB 2010 Census Data Block Groups - Race and Ethnicity		10/16/2025	3
USCB 2010 Census Data Block Groups - Transportation		10/16/2025	3
USCB 2010 Census Designated Places		10/16/2025	1
USCB 2010 US Census Block Data		10/16/2025	8
USCB 2010 US Census Block Data - Minority Population greater than 40%		10/16/2025	5
USCB 2020 Census Data Block Groups - Housing		10/16/2025	4
USCB 2020 Census Data Block Groups - Percentages		10/16/2025	4
USCB 2020 Census Data Block Groups - Population Densities		10/16/2025	4
USCB 2020 Census Data Block Groups - Population Totals		10/16/2025	4
USCB 2020 Census Data Block Groups - Race and Ethnicity		10/16/2025	4
USCB 2020 Census Urban Areas		10/16/2025	1
USCB 2020 US Census Block Data		10/16/2025	12
USCB 2020 US Census Block Data - Minority Population greater than 40%		10/16/2025	6
USCB 2023 American Community Survey Block Group Data - Geographic Mobility		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Household Language		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Housing		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Income		10/16/2025	4

Analysis Type		Date Run	Count
USCB 2023 American Community Survey Block Group Data - Internet Access		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Language		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Percentages		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Population Densities		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Population Totals		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Race and Ethnicity		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Transportation		10/16/2025	4
USCB County Demographics - 2000 Census		10/16/2025	1
USDOT Potential Navigable Waterways		10/16/2025	0
USEIA Natural Gas Pipelines		10/16/2025	0
USEPA Assessment Cleanup and Redevelopment Exchange System (ACRES)		10/16/2025	0
USEPA National Pollutant Discharge Elimination System (NPDES)		10/16/2025	12
USEPA Power Plants		10/16/2025	0
USEPA Regulated Air Emissions Facilities (ICIS-AIR)		10/16/2025	2
USEPA Resource Conservation and Recovery Act (RCA) Regulated Facilities		10/16/2025	3
USEPA Sole Source Aquifers		10/16/2025	1
USEPA Superfund Hazardous Waste Sites		10/16/2025	0
USEPA Toxic Release Inventory Sites		10/16/2025	0
USEPA US EPA ATTAINS: CWA Sections 303(d) and 305(b) Surface Water Quality Assessment Areas		10/16/2025	1
USEPA Water Quality Data Monitoring Stations		10/16/2025	0
USFS Florida National Scenic Trail		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	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)		10/16/2025	0
USFWS Scrub Jay Consultation Area		10/16/2025	1
USFWS Scrub Jay Service Area		10/16/2025	0
USFWS Snail Kite Consultation Area		10/16/2025	1
USFWS Snail Kite Priority Management Zones		10/16/2025	0
USFWS Species Range		10/16/2025	14
USFWS Wildlife Permeability Along Interstate 4 (PRIT)		10/16/2025	0
USFWS Wood Stork Nesting Colonies (Buffered by 2500 Feet)		10/16/2025	0
USFWS Woodstork Core Foraging Areas		10/16/2025	1
USFWS Woodstork Nests		10/16/2025	0
USGS Geologic Units and Structural Features		10/16/2025	1
USGS Highest Priority eBird Occurrence Locations in Florida (2000-2016)		10/16/2025	0
USGS Principal Aquifers of the State of Florida		10/16/2025	1
USGS Township Range Section		10/16/2025	4
WMD Agricultural Lands (FLUCCS Level 3)		10/16/2025	0
WMD FL Land Use and Land Cover (FLUCCS Level 3)		10/16/2025	6
WMD Industrial Areas (FLUCCS Level 3)		10/16/2025	0
WMD Residential Areas (FLUCCS Level 3)		10/16/2025	2
WMD Water Management District Boundaries		10/16/2025	1
WMD Water Management District Owned Lands		10/16/2025	0
WMD Wetlands (FLUCCS Level 3)		10/16/2025	1

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
NO FIELD SURVEY PRESENT	7.41	53.81%
Totals	7.41	-

BAR Florida Site File Field Survey Project Boundaries

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Title	Publication Date	Manuscript Number
AN ARCHAEOLOGICAL AND HISTORICAL ASSESSMENT FOR THE MCCLEOD CELLULAR TOWER, ORANGE COUNTY, FLORIDA	2004	10427.0
ARCHAEOLOGICAL AND HISTORICAL SURVEY OF SOUTHWEST ORANGE COUNTY 201 FACILITIES PLAN, PHASE II	1984	999.0
CULTURAL RESOURCE ASSESSMENT SURVEY OF FLORIDA'S TURNPIKE MAINLINE PD&E STUDY FROM US 192 TO SR 50 (CLERMONT), ORANGE AND OSCEOLA COUNTIES	2003	9230.0
HISTORICAL, ARCHITECTURAL AND ARCHAEOLOGICAL SURVEY OF ORLANDO, FLORIDA	1978	17.0
PROPOSED CELLULAR TOWER: "EAST TURKEY LAKE" TOWER SITE	2002	8602.0

Summary: 23.65 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

TMDL Basin Rotation Group	Description	Type	Status
LAKE OKEECHOBEE	LAKE OKEECHOBEE	SURFACE WATER BMAP	ADOPTED BMAPS

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Water Management District (Cumulative Impact Basin Name)	Area of Interest	
	Acr	Pct
SFWMD (SHINGLE CREEK)	13.77	100%
Totals	13.77	-

FDEP DRASTIC Coverage for the Floridan Aquifer System

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Index Score (Sum of Weighted Scores)	Area of Interest	
	Acr	Pct
91	10.11	73.42%
111	3.66	26.58%
Totals	13.77	-

FDEP DRASTIC Coverage for the Surficial Aquifer System

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Index Score (Sum of Weighted Scores)	Area of Interest	
	Acr	Pct
184	13.67	99.27%
179	0.1	0.73%
Totals	13.77	-

FDEP Environmental Geology

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Geologic Category	Area of Interest	
	Acr	Pct
MED. FINE SAND AND SILT	13.77	100%
Totals	13.77	-

FDEP Floridan Aquifer System FAVA II Response Theme

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
MOST VULNERABLE	13.79	100.0%
Totals	13.79	-

FDEP HUC 12 Subwatershed Boundaries

Metadata: https://etdmpub.fl-a-etat.org/meta/nhdwb_d_huc12.xml

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

HUC12 ID	Name
030901010301	BIG SAND LAKE

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	14.23	100.0%
Totals	14.23	-

FDEP Mitigation Bank Service Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Bank Name	Permitting Agency	Permit Number
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

Summary: 123.95 acres, 100 percent of analysis area.

FDEP NPDES Stormwater Permits

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Permittee and Permit ID	Permit ID
ORLANDO, CITY OF [FLS000014]	FLS000014

Summary: 13.77 acres, 100 percent of analysis area.

FDEP Petroleum Contamination Monitoring Sites

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Cleanup Status	Facility ID	Name	Google Map
NO CLEANUP REQUIRED	9806213	BENTON EXPRESS	https://www.google.com/maps/place/17RMM5508251564

Summary: 1 feature(s) found within buffer.

FDEP Storage Tank Contamination Monitoring (STCM)

FDEP Storage Tank Contamination Monitoring

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Status	Site type	Google Map
9806213	CLOSED	EMERGENCY RESPONSE SPILL SITE	https://www.google.com/maps/place/17RMM5508251564

Summary: 1 feature(s) found within buffer.

FDEP Surficial Aquifer System FAVA II Response Theme

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	0.67	4.76%
MOST VULNERABLE	13.34	95.24%
Totals	14.01	-

FDEP Waterbody IDs

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID
SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name (WBID)	Area of Interest	
	Acr	Pct
SHINGLE CREEK HEADWATERS [WBID: 3169G1]	13.77	100%
Totals	13.77	-

FDOH Biomedical Waste

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Status	Permit Number	Description
ACTIVE	48-64-1612428	WALGREENS # 15332
ACTIVE	48-64-01555	GREENBERG DENTAL ASSOCIATES
ACTIVE	48-64-00673	LEVINE, GERALD M DMD PA

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Percent Confidence	State Rd	RCI Roadway ID	Safety Ratio
99.99	SR435	75270000	1.77873118
99.99	SR435	75270000	3.90397583

Summary: 2144.2 linear feet within buffer.

FDOT Bus Transit Routes

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Bus Route	0 Ft.
ROUTE 21 - RALEIGH ST/KIRKMAN RD/ UNIV STUDIOS	6661.08
ROUTE 301 - DISNEY DIRECT/PINE HILLS	2075.73
ROUTE 302 - 3D-MAGIC KINGDOM/ROSEMONT	4830.58
ROUTE 37 - PINE HILLS/FLORIDA MALL	6662.12
ROUTE 40 - AMERICANA BLVD/UNIVERSAL ORLANDO	2591.52

FDOT Facility Crossings

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
SR 435 SB

Summary: 52.72 linear feet within buffer.

FDOT Fatal Crashes on SHS Roadways (2013)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2013	1

FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2005	71
2006	65
2007	66

FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2008	60
2009	63

FDOT Nonfatal Crashes on SHS Roadways (2010)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2010	74

FDOT Nonfatal Crashes on SHS Roadways (2011)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2011	48

FDOT Nonfatal Crashes on SHS Roadways (2012)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2012	40

FDOT Nonfatal Crashes on SHS Roadways (2013)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2013	98

FDOT Nonfatal Crashes on SHS Roadways (2014)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2014	148

FDOT Urbanized Areas

FDOT Urban Exclusion Area

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
ORLANDO

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

FEMA DFIRM 100 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

FEMA DFIRM 500 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 500 YEAR FLOODPLAIN	12.53	91.02%
500 YEAR FLOODPLAIN	1.24	8.98%
Totals	13.76	-

FEMA DFIRM Panel Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

FIRM Panel	Effective date
12095C0405F	2009-09-25 00:00:00

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Aquifer Recharge

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
PRIORITY 3	6	43.9%
PRIORITY 4	7.67	56.1%
Totals	13.68	-

FNAI CLIP Version 4 Biodiversity Resource Priorities

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Landscape Integrity Index

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
2	14.01	100.0%
Totals	14.01	-

FNAI CLIP Version 4 Landscape Resource Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_lndscrpr.xml

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Natural Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Potential Habitat Richness

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Priority Natural Communities

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Rare Species Habitat Conservation Priorities

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Significant Surface Waters

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Strategic Habitat Conservation Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Surface Water Resource Priorities

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Wetlands

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI Element Occurrence (Potential)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Common Name	Area of Interest	
	Acr	Pct
BROAD CERCUS SCRUB GRASSHOPPER	13.77	100%
FLORIDA BLACK BEAR	13.77	100%
Totals	27.54	-

FWC 2003 Habitat and Landcover GRID

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
DRY PRAIRIES	0.22	1.61%
FRESHWATER MARSH AND WET PRAIRIE	0.44	3.23%
SHRUB SWAMP	0.67	4.84%
CYPRESS SWAMP	0.22	1.61%
HIGH IMPACT URBAN	12.23	88.71%
Totals	13.79	-

FWC Black Bear Range

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
FREQUENT

Summary: 13.77 acres, 100 percent of analysis area.

FWC Florida Cooperative Land Cover Grid - Version 3.8

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
1822 - HIGH INTENSITY URBAN	0.22	1.62%
1840 - TRANSPORTATION	13.37	97.48%
2211 - CYPRESS	0.12	0.9%
Totals	13.71	-

FWC State Imperiled Species in Florida

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
LITTLE BLUE HERON (THREATENED)	13.77	100%
ROSEATE SPOONBILL (THREATENED)	13.77	100%
TRICOLORED HERON (THREATENED)	13.77	100%
BURROWING OWL (THREATENED)	13.77	100%
FLORIDA PINE SNAKE (THREATENED)	13.77	100%
FLORIDA SANDHILL CRANE (THREATENED)	13.77	100%
SOUTHEASTERN AMERICAN KESTREL (THREATENED)	13.77	100%
SHORT-TAILED SNAKE (THREATENED)	13.77	100%
GOPHER TORTOISE (THREATENED)	13.77	100%
Totals	123.95	-

FWC Watersheds containing Rare and Imperiled Fish

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Watershed Name	Common Name
BIG SAND LAKE	IRONCOLOR SHINER

Summary: 13.77 acres, 100 percent of analysis area.

GEOPLAN 2040, NOAA2017 Intermediate (Depth of Flooding)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

GEOPLAN 2050, NOAA2017 Intermediate (Depth of Flooding)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

GEOPLAN 2070, NOAA2017 Intermediate (Depth of Flooding)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

GEOPLAN 2100, NOAA2017 Intermediate (Depth of Flooding)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

GEOPLAN Generalized Land Use

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RESIDENTIAL	0.06	0.44%
RETAIL/OFFICE	0.21	1.52%
Totals	0.26	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	0.09	0.65%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.16	1.16%
RESIDENTIAL HIGH (> 12 DU/AC)	0.05	0.36%
TRANSPORTATION/UTILITIES	13.46	97.75%
Totals	13.77	-

GEOPLAN Homeowner and Condominium Associations

GEOPLAN Homeowner and Condominium Associations (Geocoded)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name	Number of units	Google Map
STUDIOPARC II, A CONDO	227	https://www.google.com/maps/place/17RMM5509652181
TOWNES OF SOUTHGATE (III) A CONDO	48	https://www.google.com/maps/place/17RMM5506951995

Summary: 2 feature(s) found within buffer.

GEOPLAN National Historic Preservation Act - Florida Certified Local Governments

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

FCLG	Contact Name
CITY OF ORLANDO	HEATHER BONDS

Summary: 13.77 acres, 100 percent of analysis area.

GEOPLAN Summary - Year Built (Post 1970)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Decade Built	Area of Interest	
	Acr	Pct
1980 - 1989	0.15	1.09%
1990 - 1999	0.08	0.59%
2010 - 2019	0.04	0.29%
Totals	0.26	-

NOAA 7 Feet Sea Level Rise Inundation Depths

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.78	100.0%
Totals	13.78	-

NOAA Coastal Change Analysis Program - 2016

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
DEVELOPED - HIGH INTENSITY	1.11	8.06%
DEVELOPED - MEDIUM INTENSITY	5.12	37.1%
DEVELOPED - LOW INTENSITY	7.12	51.61%
PALUSTRINE FORESTED WETLAND	0.44	3.23%
Totals	13.79	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
Outside Storm Surge Zone	13.84	100.0%
Totals	13.84	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
323155	SAMSULA	85	SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	5107	VERY POORLY DRAINED	CONSOCIATION	A/D

Summary: 8.89 acres, 64.6 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
Totals	8.89	-

NRCS List of Specific Soils - SSURGO

NRCS List of Specific Soils characteristics

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323155	SAMSULA	85	SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	5107	YES	VERY POORLY DRAINED	CONSOCIATION
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

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	4.89	35.52%
Totals	13.77	-

SFWMD Arc Hydro Enhanced Database (AHED) Watersheds

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Watershed name	Area of Interest	
	Acr	Pct
SHINGLE CREEK	13.77	100%
Totals	13.77	-

SFWMD North/South Everglades and NEEPP Boundaries

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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]	13.77	100%
Totals	13.77	-

SFWMD Rule 40E-4 Cumulative Impact Basins

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Rule 40E-4 Cumulative Impact Basins	Area of Interest	
	Acr	Pct
SHINGLE CREEK	13.77	100%
Totals	13.77	-

SWFWMD Recharge Areas of the Floridan Aquifer

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RECHARGE/1 TO 10	13.77	100%
Totals	13.77	-

Signal 4 Fatal Crashes (2018-2020)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2020	1

Signal 4 Fatal Crashes (2021)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	1

Signal 4 Non-Fatal Crashes (2017)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2017	120

Signal 4 Non-Fatal Crashes (2018-2020)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	117
2019	107
2020	78

Signal 4 Non-Fatal Crashes (2021)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	104

Signal 4 Non-Fatal Crashes (2022)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	99

Signal 4 Non-Fatal Crashes (2023)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2023	85

Signal 4 Non-Fatal Crashes (2024)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2024	75

UFCLCP Florida Ecological Greenways Network

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUT	14.01	100.0%
Totals	14.01	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061031	8	102	2.25	181	557	4	266	531	638	27.1	92	1195	744
120950146061042	2	20	2.53	26	82	0	48	78	115	29.7	25	197	114
120950146071011	9	101	1.77	184	858	3	340	1078	1047	29.4	109	1905	1419
120950147041001	12	121	1.77	211	1371	2	384	1537	1354	30.1	67	2725	2237
120950147041011	1	14	1.91	12	105	0	21	110	105	28.0	7	210	166
120950147041014	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
Totals:	32	358	N/A	614	2,973	9	1,059	3,334	3,259	N/A	300	6,232	4,680

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950146061	2779	2590	189	5818
120950146071	2659	2363	296	4231
120950147041	2326	2040	286	3610
Totals:	7,764	6,993	771	13,659

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	32154	25.50574084	724	40	12.76445698	5818
120950146071	40850	30.3915063	413	47	9.76128575	4231
120950147041	51250	30.97932111	263	14	7.31368187	3610
Totals:	N/A	N/A	1,400	101	N/A	13,659

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.06036065	0.34204371	1.11773472	6.3338301	60	340	5818
120950146071	0.03353039	0.43589501	0.5597469	7.27670966	23	299	4231
120950147041	0.00541938	0.03319372	0.23054755	1.41210375	8	49	3610
Totals:	N/A	N/A	N/A	N/A	91	688	13,659

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.24063252	9.10965968	9.69405294	27.13991062	9.09247164	25.16215185
120950146071	0.1890806	4.51429922	7.98865516	18.97896478	4.58520444	16.74373327
120950147041	0.0	3.76731302	6.39889197	12.7700831	1.52354571	10.57636888

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.01408415	0.53318579	0.56739016	1.58849124	0.53217977	1.3269284
120950146071	0.01166274	0.27844798	0.49275088	1.17064779	0.28282151	1.00299587
120950147041	0.0	0.0921295	0.15648466	0.3122919	0.03725825	0.24861416

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	450	614	438	1631	1411	604	451	219
120950146071	122	241	398	1300	1014	563	448	145
120950147041	140	257	242	1301	813	486	270	101
Totals:	712	1,112	1,078	4,232	3,238	1,653	1,169	465

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	149	1269	957	128	51	36	82
120950146071	118	1315	827	95	8	0	45
120950147041	101	1058	762	99	20	0	14
Totals:	368	3,642	2,546	322	79	36	141

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2000 Population
120950146061031	52	1195
120950146061042	53	197
Totals:	N/A	1,392

Summary: 3.38 acres, 24.5 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950146061	3369	2934	435	6604
120950146071	3230	2414	816	4618
120950147041	6562	5057	1505	10808
Totals:	13,161	10,405	2,756	22,030

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	38973	9.40594059	1180	30	15.94810109	6604
120950146071	47470	21.05486126	425	22	9.04640272	4618
120950147041	51855	20.05902426	1442	0	13.29890252	10808
Totals:	N/A	N/A	3,047	52	N/A	22,030

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.37803527	0.93130565	5.55635943	13.68832296	384	946	875	6604
120950146071	0.11767508	0.46065489	1.83774092	7.19408337	82	321	279	4618
120950147041	0.24015319	0.33153892	3.23504151	4.46607501	339	468	708	10808
Totals:	N/A	N/A	N/A	N/A	805	1,735	1,862	22,030

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.46941248	4.08843125	31.28407026	30.19382193	10.46335554
120950146071	0.4980511	4.74231269	21.43785188	30.51104374	6.58293634
120950147041	0.27757217	8.03108808	16.92264989	23.96373057	10.23316062

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.03051847	0.26580605	2.03390853	1.96302692	0.6802666
120950146071	0.03300643	0.31427857	1.42071135	2.02200232	0.43625884
120950147041	0.02125249	0.61490552	1.29569377	1.83479872	0.78350864

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	512	896	510	1502	1346	889	681	268
120950146071	271	442	321	1065	941	653	665	260
120950147041	624	1403	595	2815	2450	1491	1089	341
Totals:	1,407	2,741	1,426	5,382	4,737	3,033	2,435	869

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	3245	2066	0	270	691	301	1994	31
120950146071	2867	990	6	219	304	209	1409	23
120950147041	6448	1829	11	868	1106	516	2590	30
Totals:	12,560	4,885	17	1,357	2,101	1,026	5,993	84

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	237	1454	1083	155	72	0	281
120950146071	149	1509	838	10	0	0	115
120950147041	259	2613	1909	147	72	0	252
Totals:	645	5,576	3,830	312	144	0	648

Summary: 13.77 acres, 100 percent of analysis area.

USCB 2010 Census Designated Places

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 13.77 acres, 100 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061032	7	90	2	348	626	0	363.0	616.0	685	29.9	141	1311	672.0
120950146061045	0	7	3	71	108	0	72.0	86.0	120	26.0	29	228	109.0
120950146061056	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950146071010	8	89	2	417	1029	0	613.0	1161.0	1047	31.4	132	2076	1321.0
120950147041080	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950147041083	0	8	2	3	20	0	9.0	29.0	25	30.3	7	45	27.0
120950147041084	0	9	2	47	111	0	71.0	117.0	131	26.5	26	242	151.0
120950147041097	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
Totals:	15	203	N/A	886	1,894	0	1,128	2,009	2,008	N/A	335	3,902	2,280

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2010 Population
120950146061032	65.5	1311
120950146061045	69.7	228
120950146071010	57.1	2076
120950147041083	48.9	45
120950147041084	56.6	242
Totals:	N/A	3,902

Summary: 9.07 acres, 65.9 percent of analysis area.

USCB 2020 Census Data Block Groups - Housing

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950146061	1123	1050	73	2704
120950146072	2077	1779	298	4227
120950147061	1180	998	182	2202
120950148123	924	840	84	1785
Totals:	5,304	4,667	637	10,918

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.26	2.33	23.15	44.82	26.18
120950146072	0.38	9.7	11.38	36.08	16.47
120950147061	0.36	3.86	11.85	41.96	16.58
120950148123	0.22	5.83	14.17	38.54	18.88

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.06	0.5	4.93	9.54	5.57
120950146072	0.03	0.87	1.02	3.24	1.48
120950147061	0.03	0.32	0.99	3.5	1.38
120950148123	0.02	0.49	1.19	3.24	1.59

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	179	502	114	387	568	463	354	137
120950146072	229	604	208	697	812	677	681	319
120950147061	103	347	124	350	505	367	294	112
120950148123	77	310	76	278	390	292	266	96
Totals:	588	1,763	522	1,712	2,275	1,799	1,595	664

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	571	626	10	63	708	719	1212	7
120950146072	1372	481	3	410	696	1249	1525	16
120950147061	735	261	0	85	365	748	924	8
120950148123	658	253	0	104	337	429	688	4
Totals:	3,336	1,621	13	662	2,106	3,145	4,349	35

Summary: 13.77 acres, 100 percent of analysis area.

USCB 2020 Census Urban Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
Orlando, FL Urban Area	13.77	100%
Totals	13.77	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061001	0	0	None	0	0	0	0	0	0	0	0	0	None
120950146061003	370	143	2.59	190	180	70	56	0	5	0	105	238	35.3
120950146061005	1414	525	2.69	719	695	300	431	3	41	4	330	604	32.6
120950146061011	28	0	None	11	17	3	2	0	0	0	6	15	30.0
120950146072002	39	3	13.0	10	29	17	4	0	7	0	5	7	44.4
120950146072003	0	0	None	0	0	0	0	0	0	0	0	0	None
120950147061002	1249	596	2.1	634	615	477	129	0	25	3	187	507	34.8
120950147061003	142	52	2.73	82	60	30	24	0	8	0	20	58	30.5
120950147061007	0	0	None	0	0	0	0	0	0	0	0	0	None
120950147061008	0	0	None	0	0	0	0	0	0	0	0	0	None
120950148123000	0	0	None	0	0	0	0	0	0	0	0	0	None
120950148123011	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
Totals:	3,242	1,319	N/A	1,646	1,596	897	646	3	86	7	653	1,429	N/A

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2020 Population
120950146061003	87.57	370
120950146061005	84.72	1414
120950146061011	96.43	28
120950146072002	64.1	39
120950147061002	66.69	1249
120950147061003	83.1	142
Totals:	N/A	3,242

Summary: 6.41 acres, 46.6 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	2017	2018	2017	1622	1388	234	0
120950146072	2019	2016	2020	3958	2972	611	375
120950147061	2017	0	2017	1596	1420	176	0
120950148123	2019	2009	2020	1932	1382	154	396
Totals:	N/A	N/A	N/A	9,108	7,162	1,175	771

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	727	528	105	56	0	38
120950146072	1785	1451	259	75	0	0
120950147061	888	776	112	0	0	0
120950148123	835	564	200	52	19	0
Totals:	4,235	3,319	676	183	19	38

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950146061	1025	727	298	1648
120950146072	2416	1785	631	3985
120950147061	1018	888	130	1596
120950148123	1029	835	194	1932
Totals:	5,488	4,235	1,253	9,161

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	44340	20.81	348	0	21.12	1648
120950146072	77712	29.99	299	104	7.5	3985
120950147061	83233	27.01	91	37	5.7	1596
120950148123	48516	21.89	476	0	24.64	1932
Totals:	N/A	N/A	1,214	141	N/A	9,161

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	727	691	36	727	672	19	36
120950146072	1785	1785	0	1785	1718	0	67
120950147061	888	888	0	888	888	0	0
120950148123	835	819	16	835	819	16	0
Totals:	4,235	4,183	52	4,235	4,097	35	103

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.23	1.02	1.91	8.5	29	129	428	1648
120950146072	0.21	0.84	2.8	11.0	101	397	475	3985
120950147061	0.28	0.39	4.75	6.53	75	103	353	1596
120950148123	0.5	1.46	5.63	16.51	106	311	342	1932
Totals:	N/A	N/A	N/A	N/A	311	940	1,598	9,161

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.0	0.0	40.05	46.0	7.58	2.66
120950146072	0.0	9.21	8.78	35.73	10.14	5.57
120950147061	0.0	5.01	9.34	39.35	20.49	11.76
120950148123	0.0	10.56	13.41	44.98	2.8	6.69

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.0	0.0	5.19	5.96	0.98	0.25
120950146072	0.0	0.78	0.74	3.03	0.86	0.36
120950147061	0.0	0.3	0.56	2.38	1.24	0.6
120950148123	0.0	0.96	1.22	4.09	0.25	0.41

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	131	195	54	475	354	167	191	81
120950146072	375	390	52	940	625	788	671	144
120950147061	18	164	9	107	448	535	245	70
120950148123	48	467	26	286	661	149	178	117
Totals:	572	1,216	141	1,808	2,088	1,639	1,285	412

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	164	660	0	0	125	699	758	0
120950146072	2085	350	0	367	404	779	1424	0
120950147061	598	149	0	80	327	442	628	0
120950148123	543	259	0	204	54	872	869	0
Totals:	3,390	1,418	0	651	910	2,792	3,679	0

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	163	297	267	0	0	0	19
120950146072	207	784	720	65	9	0	0
120950147061	155	504	137	92	0	0	0
120950148123	41	495	281	18	0	0	8
Totals:	566	2,080	1,405	175	9	0	27

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name	Permit or Program Type
110028289992	BANK ATLANTIC AT METROWEST	STORM WATER CONSTRUCTION
110028289992	BANK ATLANTIC AT METROWEST	ICIS-NPDES NON-MAJOR
110028302762	STUDIO PARC CONDOMINIUMS	STORM WATER CONSTRUCTION
110028302762	STUDIO PARC CONDOMINIUMS	ICIS-NPDES NON-MAJOR
110054121534	AUTO ZONE #4956 - KIRKMAN ROAD	ICIS-NPDES NON-MAJOR
110054121534	AUTO ZONE #4956 - KIRKMAN ROAD	STORM WATER CONSTRUCTION
110054128984	AUTO ZONE #4960	ICIS-NPDES NON-MAJOR
110054128984	AUTO ZONE #4960	STORM WATER CONSTRUCTION
110057189420	LA FITNESS AT KIRKMAN SHOPPES	ICIS-NPDES NON-MAJOR
110057189420	LA FITNESS AT KIRKMAN SHOPPES	STORM WATER CONSTRUCTION
110060363903	WALGREENS AT KIRKMAN AND CONROY	ICIS-NPDES NON-MAJOR
110060363903	WALGREENS AT KIRKMAN AND CONROY	STORM WATER CONSTRUCTION

Summary: 12 feature(s) found within buffer.

USEPA Regulated Air Emissions Facilities (ICIS-AIR)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name
110001750132	CONTEMPORARY CLEANERS
110062697684	HARI-OM INC

Summary: 2 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name
110001750132	CONTEMPORARY CLEANERS
110006184770	TOUCH OF CLASS CLEANERS
110007478443	FLORIDA DEP DSCP D114 #48889501396

Summary: 3 feature(s) found within buffer.

USEPA Sole Source Aquifers

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Aquifer
BISCAYNE AQUIFER SSA STREAMFLOW AND RECHARGE SOURCE ZONES

Summary: 13.77 acres, 100 percent of analysis area.

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
SHINGLE CREEK HEADWATERS	Y	N	Y	5	N	N	https://mywaterway.epa.gov/waterbody-report/21FL303D/FL3169G1/2022

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
LAKE WALES RIDGE PLANTS CONSULTATION AREA (NF ESO)	13.77	100%
Totals	13.77	-

USFWS Scrub Jay Consultation Area

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SCRUB-JAY CONSULTATION AREA (NF ESO)	13.77	100%
Totals	13.77	-

USFWS Snail Kite Consultation Area

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SNAIL KITE CONSULTATION AREA (NF ESO)	13.77	100%
Totals	13.77	-

USFWS Species Range

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)
FLORIDA SCRUB-JAY (THREATENED)
MONARCH BUTTERFLY (PROPOSED THREATENED)
PAPERY WHITLOW-WORT (THREATENED)
PIGEON WINGS (THREATENED)
RED-COCKADED WOODPECKER (THREATENED)
SANDLACE (ENDANGERED)
SCRUB LUPINE (ENDANGERED)
SOUTHERN HOGNOSE SNAKE (PROPOSED THREATENED)
WOOD STORK (THREATENED)

Summary: 192.68 acres, 100 percent of analysis area.

USFWS Woodstork Core Foraging Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
WOOD STORK AREAS	13.77	100%
Totals	13.77	-

USGS Geologic Units and Structural Features

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
UNDIFFERENTIATED SEDIMENTS	13.77	100%
Totals	13.77	-

USGS Principal Aquifers of the State of Florida

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SURFICIAL AQUIFER SYSTEM	13.77	100%
Totals	13.77	-

USGS Township Range Section

USGS Public Land Surveys, Township Range Section

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Township, Range, Section
23S28E12
23S28E13
23S29E07
23S29E18

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1340: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)	0.01	0.07%
1330: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)	0.14	1.02%
6210: CYPRESS	0.09	0.65%
1410: RETAIL SALES AND SERVICES	0.17	1.24%
8140: ROADS AND HIGHWAYS	13.37	97.1%
Totals	13.77	-

WMD Residential Areas (FLUCCS Level 3)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1340: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)	0.01	0.07%
1330: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)	0.14	1.02%
Totals	0.15	-

WMD Water Management District Boundaries

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Summary: 13.77 acres, 100 percent of analysis area.

WMD Wetlands (FLUCCS Level 3)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
6210: CYPRESS	0.09	0.65%
Totals	0.09	-

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					Special Designations
	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	
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		✔	✔			✔		✔		✔				✔							✔

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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														✓							

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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)	✓																				

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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)	✔			✔		✔				✔						✔		✔			

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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							✓		✓		✓			✓				✓			

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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 SWFWMD												✓						✓			✓
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)	✓		✓	✓					✓												

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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	✓	✓																			

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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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

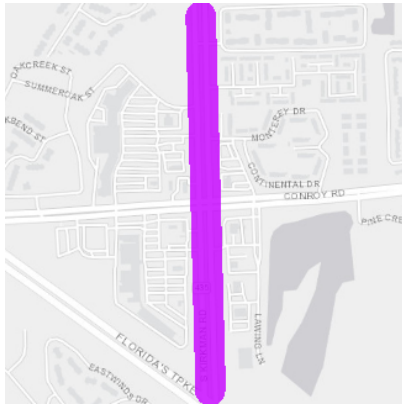
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



Analysis Type		Date Run	Features within AOI
			Count
Coastal and Marine			
BTS US Army Corps of Engineers Ports	i	10/16/2025	0
DCA Waterfronts Florida Program Designated Communities	i	10/16/2025	0
FDEP Coastal Construction Control Lines (CCCL)	i	10/16/2025	0
FDEP Florida Coastal Building Zone	i	10/16/2025	0
FDEP List of Aquatic Preserves	i	10/16/2025	0
FDEP Sea-Level Impact Projection (SLIP) Study Area	i	10/16/2025	0
FWRI Environmentally Sensitive Shorelines	i	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	6

GEOPLAN 2040, NOAA2017 Intermediate (Depth of Flooding)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

GEOPLAN 2050, NOAA2017 Intermediate (Depth of Flooding)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

GEOPLAN 2070, NOAA2017 Intermediate (Depth of Flooding)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

GEOPLAN 2100, NOAA2017 Intermediate (Depth of Flooding)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.75	100.0%
Totals	13.75	-

NOAA 7 Feet Sea Level Rise Inundation Depths

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No flooding	13.78	100.0%
Totals	13.78	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1340: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)	0.01	0.07%
1330: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)	0.14	1.02%
6210: CYPRESS	0.09	0.65%
1410: RETAIL SALES AND SERVICES	0.17	1.24%
8140: ROADS AND HIGHWAYS	13.37	97.1%
Totals	13.77	-

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

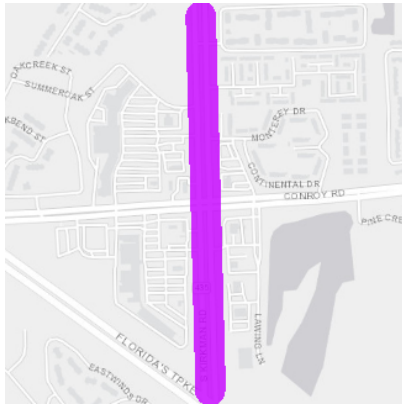
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	0
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	2
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	0
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	1
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	1
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	1
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	1
FDOH Biomedical Waste		10/16/2025	3
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	4
NRCS Summary of Specific Soils - SSURGO		10/16/2025	4
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	12

Analysis Type		Date Run	Count
USEPA Power Plants	i	10/16/2025	0
USEPA Regulated Air Emissions Facilities (ICIS-AIR)	i	10/16/2025	2
USEPA Resource Conservation and Recovery Act (RCA) Regulated Facilities	i	10/16/2025	3
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 DRASTIC Coverage for the Floridan Aquifer System

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Index Score (Sum of Weighted Scores)	Area of Interest	
	Acr	Pct
91	10.11	73.42%
111	3.66	26.58%
Totals	13.77	-

FDEP DRASTIC Coverage for the Surficial Aquifer System

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Index Score (Sum of Weighted Scores)	Area of Interest	
	Acr	Pct
184	13.67	99.27%
179	0.1	0.73%
Totals	13.77	-

FDEP Environmental Geology

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Geologic Category	Area of Interest	
	Acr	Pct
MED. FINE SAND AND SILT	13.77	100%
Totals	13.77	-

FDEP Floridan Aquifer System FAVA II Response Theme

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
MOST VULNERABLE	13.79	100.0%
Totals	13.79	-

FDEP Intermediate Aquifer System FAVA II Response Theme

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	14.23	100.0%
Totals	14.23	-

FDEP NPDES Stormwater Permits

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Permittee and Permit ID	Permit ID
ORLANDO, CITY OF [FLS000014]	FLS000014

Summary: 13.77 acres, 100 percent of analysis area.

FDEP Petroleum Contamination Monitoring Sites

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Cleanup Status	Facility ID	Name	Google Map
NO CLEANUP REQUIRED	9806213	BENTON EXPRESS	https://www.google.com/maps/place/17RMM5508251564

Summary: 1 feature(s) found within buffer.

FDEP Storage Tank Contamination Monitoring (STCM)

FDEP Storage Tank Contamination Monitoring

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Status	Site type	Google Map
9806213	CLOSED	EMERGENCY RESPONSE SPILL SITE	https://www.google.com/maps/place/17RMM5508251564

Summary: 1 feature(s) found within buffer.

FDEP Surficial Aquifer System FAVA II Response Theme

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	0.67	4.76%
MOST VULNERABLE	13.34	95.24%
Totals	14.01	-

FDEP Waterbody IDs

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID
SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 13.77 acres, 100 percent of analysis area.

FDOH Biomedical Waste

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Status	Permit Number	Description
ACTIVE	48-64-1612428	WALGREENS # 15332
ACTIVE	48-64-01555	GREENBERG DENTAL ASSOCIATES
ACTIVE	48-64-00673	LEVINE, GERALD M DMD PA

Summary: 3 feature(s) found within buffer.

NRCS List of Specific Soils - SSURGO

NRCS List of Specific Soils characteristics

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323155	SAMSULA	85	SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	5107	YES	VERY POORLY DRAINED	CONSOCIATION
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

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	4.89	35.52%
Totals	13.77	-

USCB 2010 Census Designated Places

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name

Orlando

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name	Permit or Program Type
110028289992	BANK ATLANTIC AT METROWEST	STORM WATER CONSTRUCTION
110028289992	BANK ATLANTIC AT METROWEST	ICIS-NPDES NON-MAJOR
110028302762	STUDIO PARC CONDOMINIUMS	STORM WATER CONSTRUCTION
110028302762	STUDIO PARC CONDOMINIUMS	ICIS-NPDES NON-MAJOR
110054121534	AUTO ZONE #4956 - KIRKMAN ROAD	ICIS-NPDES NON-MAJOR
110054121534	AUTO ZONE #4956 - KIRKMAN ROAD	STORM WATER CONSTRUCTION
110054128984	AUTO ZONE #4960	ICIS-NPDES NON-MAJOR
110054128984	AUTO ZONE #4960	STORM WATER CONSTRUCTION
110057189420	LA FITNESS AT KIRKMAN SHOPPES	ICIS-NPDES NON-MAJOR
110057189420	LA FITNESS AT KIRKMAN SHOPPES	STORM WATER CONSTRUCTION
110060363903	WALGREENS AT KIRKMAN AND CONROY	ICIS-NPDES NON-MAJOR
110060363903	WALGREENS AT KIRKMAN AND CONROY	STORM WATER CONSTRUCTION

Summary: 12 feature(s) found within buffer.

USEPA Regulated Air Emissions Facilities (ICIS-AIR)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name
110001750132	CONTEMPORARY CLEANERS
110062697684	HARI-OM INC

Summary: 2 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name
110001750132	CONTEMPORARY CLEANERS
110006184770	TOUCH OF CLASS CLEANERS
110007478443	FLORIDA DEP DSCP D114 #48889501396

Summary: 3 feature(s) found within buffer.

USGS Geologic Units and Structural Features

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
UNDIFFERENTIATED SEDIMENTS	13.77	100%
Totals	13.77	-

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

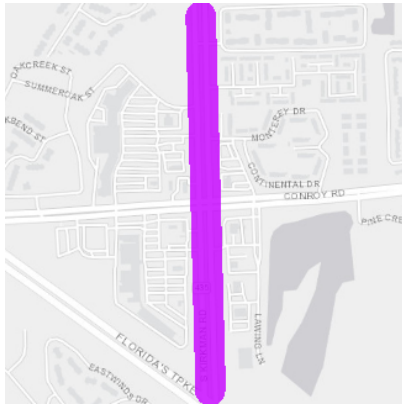
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	18
		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	5
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	3
USCB 2000 Census Data Block Groups - Income		10/16/2025	3
USCB 2000 Census Data Block Groups - Language		10/16/2025	3
USCB 2000 Census Data Block Groups - Percentages		10/16/2025	3
USCB 2000 Census Data Block Groups - Population Densities		10/16/2025	3
USCB 2000 Census Data Block Groups - Population Totals		10/16/2025	3
USCB 2000 Census Data Block Groups - Transportation		10/16/2025	3
USCB 2000 US Census Block Data - Minority Population greater than 40%		10/16/2025	2
USCB 2010 Census County Demographics		10/16/2025	1
USCB 2010 Census Data Block Groups - Housing		10/16/2025	3

Analysis Type		Date Run	Count
USCB 2010 Census Data Block Groups - Income		10/16/2025	3
USCB 2010 Census Data Block Groups - Language		10/16/2025	3
USCB 2010 Census Data Block Groups - Percentages		10/16/2025	3
USCB 2010 Census Data Block Groups - Population Densities		10/16/2025	3
USCB 2010 Census Data Block Groups - Population Totals		10/16/2025	3
USCB 2010 Census Data Block Groups - Race and Ethnicity		10/16/2025	3
USCB 2010 Census Data Block Groups - Transportation		10/16/2025	3
USCB 2010 Census Designated Places		10/16/2025	1
USCB 2010 US Census Block Data - Minority Population greater than 40%		10/16/2025	5
USCB 2020 Census Data Block Groups - Housing		10/16/2025	4
USCB 2020 Census Data Block Groups - Percentages		10/16/2025	4
USCB 2020 Census Data Block Groups - Population Densities		10/16/2025	4
USCB 2020 Census Data Block Groups - Population Totals		10/16/2025	4
USCB 2020 Census Data Block Groups - Race and Ethnicity		10/16/2025	4
USCB 2020 US Census Block Data - Minority Population greater than 40%		10/16/2025	6
USCB 2023 American Community Survey Block Group Data - Geographic Mobility		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Household Language		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Housing		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Income		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Internet Access		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Language		10/16/2025	4

Analysis Type		Date Run	Count
USCB 2023 American Community Survey Block Group Data - Percentages	i	10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Population Densities	i	10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Population Totals	i	10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Race and Ethnicity	i	10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Transportation	i	10/16/2025	4
USCB County Demographics - 2000 Census	i	10/16/2025	1
WMD FL Land Use and Land Cover (FLUCCS Level 3)	i	10/16/2025	6

FDOT Bus Transit Routes

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Bus Route	0 Ft.
ROUTE 21 - RALEIGH ST/KIRKMAN RD/ UNIV STUDIOS	6661.08
ROUTE 301 - DISNEY DIRECT/PINE HILLS	2075.73
ROUTE 302 - 3D-MAGIC KINGDOM/ROSEMONT	4830.58
ROUTE 37 - PINE HILLS/FLORIDA MALL	6662.12
ROUTE 40 - AMERICANA BLVD/UNIVERSAL ORLANDO	2591.52

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	0.09	0.65%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.16	1.16%
RESIDENTIAL HIGH (> 12 DU/AC)	0.05	0.36%
TRANSPORTATION/UTILITIES	13.46	97.75%
Totals	13.77	-

USCB 2000 Census Data Block Groups - Housing

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950146061	2779	2590	189	5818
120950146071	2659	2363	296	4231
120950147041	2326	2040	286	3610
Totals:	7,764	6,993	771	13,659

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	32154	25.50574084	724	40	12.76445698	5818
120950146071	40850	30.3915063	413	47	9.76128575	4231
120950147041	51250	30.97932111	263	14	7.31368187	3610
Totals:	N/A	N/A	1,400	101	N/A	13,659

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.06036065	0.34204371	1.11773472	6.3338301	60	340	5818
120950146071	0.03353039	0.43589501	0.5597469	7.27670966	23	299	4231
120950147041	0.00541938	0.03319372	0.23054755	1.41210375	8	49	3610
Totals:	N/A	N/A	N/A	N/A	91	688	13,659

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.24063252	9.10965968	9.69405294	27.13991062	9.09247164	25.16215185
120950146071	0.1890806	4.51429922	7.98865516	18.97896478	4.58520444	16.74373327
120950147041	0.0	3.76731302	6.39889197	12.7700831	1.52354571	10.57636888

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.01408415	0.53318579	0.56739016	1.58849124	0.53217977	1.3269284
120950146071	0.01166274	0.27844798	0.49275088	1.17064779	0.28282151	1.00299587
120950147041	0.0	0.0921295	0.15648466	0.3122919	0.03725825	0.24861416

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	450	614	438	1631	1411	604	451	219
120950146071	122	241	398	1300	1014	563	448	145
120950147041	140	257	242	1301	813	486	270	101
Totals:	712	1,112	1,078	4,232	3,238	1,653	1,169	465

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	149	1269	957	128	51	36	82
120950146071	118	1315	827	95	8	0	45
120950147041	101	1058	762	99	20	0	14
Totals:	368	3,642	2,546	322	79	36	141

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2000 Population
120950146061031	52	1195
120950146061042	53	197
Totals:	N/A	1,392

Summary: 3.38 acres, 24.5 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950146061	3369	2934	435	6604
120950146071	3230	2414	816	4618
120950147041	6562	5057	1505	10808
Totals:	13,161	10,405	2,756	22,030

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	38973	9.40594059	1180	30	15.94810109	6604
120950146071	47470	21.05486126	425	22	9.04640272	4618
120950147041	51855	20.05902426	1442	0	13.29890252	10808
Totals:	N/A	N/A	3,047	52	N/A	22,030

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.37803527	0.93130565	5.55635943	13.68832296	384	946	875	6604
120950146071	0.11767508	0.46065489	1.83774092	7.19408337	82	321	279	4618
120950147041	0.24015319	0.33153892	3.23504151	4.46607501	339	468	708	10808
Totals:	N/A	N/A	N/A	N/A	805	1,735	1,862	22,030

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.46941248	4.08843125	31.28407026	30.19382193	10.46335554
120950146071	0.4980511	4.74231269	21.43785188	30.51104374	6.58293634
120950147041	0.27757217	8.03108808	16.92264989	23.96373057	10.23316062

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.03051847	0.26580605	2.03390853	1.96302692	0.6802666
120950146071	0.03300643	0.31427857	1.42071135	2.02200232	0.43625884
120950147041	0.02125249	0.61490552	1.29569377	1.83479872	0.78350864

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	512	896	510	1502	1346	889	681	268
120950146071	271	442	321	1065	941	653	665	260
120950147041	624	1403	595	2815	2450	1491	1089	341
Totals:	1,407	2,741	1,426	5,382	4,737	3,033	2,435	869

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	3245	2066	0	270	691	301	1994	31
120950146071	2867	990	6	219	304	209	1409	23
120950147041	6448	1829	11	868	1106	516	2590	30
Totals:	12,560	4,885	17	1,357	2,101	1,026	5,993	84

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	237	1454	1083	155	72	0	281
120950146071	149	1509	838	10	0	0	115
120950147041	259	2613	1909	147	72	0	252
Totals:	645	5,576	3,830	312	144	0	648

Summary: 13.77 acres, 100 percent of analysis area.

USCB 2010 Census Designated Places

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2010 Population
120950146061032	65.5	1311
120950146061045	69.7	228
120950146071010	57.1	2076
120950147041083	48.9	45
120950147041084	56.6	242
Totals:	N/A	3,902

Summary: 9.07 acres, 65.9 percent of analysis area.

USCB 2020 Census Data Block Groups - Housing

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950146061	1123	1050	73	2704
120950146072	2077	1779	298	4227
120950147061	1180	998	182	2202
120950148123	924	840	84	1785
Totals:	5,304	4,667	637	10,918

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.26	2.33	23.15	44.82	26.18
120950146072	0.38	9.7	11.38	36.08	16.47
120950147061	0.36	3.86	11.85	41.96	16.58
120950148123	0.22	5.83	14.17	38.54	18.88

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.06	0.5	4.93	9.54	5.57
120950146072	0.03	0.87	1.02	3.24	1.48
120950147061	0.03	0.32	0.99	3.5	1.38
120950148123	0.02	0.49	1.19	3.24	1.59

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	179	502	114	387	568	463	354	137
120950146072	229	604	208	697	812	677	681	319
120950147061	103	347	124	350	505	367	294	112
120950148123	77	310	76	278	390	292	266	96
Totals:	588	1,763	522	1,712	2,275	1,799	1,595	664

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	571	626	10	63	708	719	1212	7
120950146072	1372	481	3	410	696	1249	1525	16
120950147061	735	261	0	85	365	748	924	8
120950148123	658	253	0	104	337	429	688	4
Totals:	3,336	1,621	13	662	2,106	3,145	4,349	35

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2020 Population
120950146061003	87.57	370
120950146061005	84.72	1414
120950146061011	96.43	28
120950146072002	64.1	39
120950147061002	66.69	1249
120950147061003	83.1	142
Totals:	N/A	3,242

Summary: 6.41 acres, 46.6 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	2017	2018	2017	1622	1388	234	0
120950146072	2019	2016	2020	3958	2972	611	375
120950147061	2017	0	2017	1596	1420	176	0
120950148123	2019	2009	2020	1932	1382	154	396
Totals:	N/A	N/A	N/A	9,108	7,162	1,175	771

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	727	528	105	56	0	38
120950146072	1785	1451	259	75	0	0
120950147061	888	776	112	0	0	0
120950148123	835	564	200	52	19	0
Totals:	4,235	3,319	676	183	19	38

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950146061	1025	727	298	1648
120950146072	2416	1785	631	3985
120950147061	1018	888	130	1596
120950148123	1029	835	194	1932
Totals:	5,488	4,235	1,253	9,161

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	44340	20.81	348	0	21.12	1648
120950146072	77712	29.99	299	104	7.5	3985
120950147061	83233	27.01	91	37	5.7	1596
120950148123	48516	21.89	476	0	24.64	1932
Totals:	N/A	N/A	1,214	141	N/A	9,161

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	727	691	36	727	672	19	36
120950146072	1785	1785	0	1785	1718	0	67
120950147061	888	888	0	888	888	0	0
120950148123	835	819	16	835	819	16	0
Totals:	4,235	4,183	52	4,235	4,097	35	103

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.23	1.02	1.91	8.5	29	129	428	1648
120950146072	0.21	0.84	2.8	11.0	101	397	475	3985
120950147061	0.28	0.39	4.75	6.53	75	103	353	1596
120950148123	0.5	1.46	5.63	16.51	106	311	342	1932
Totals:	N/A	N/A	N/A	N/A	311	940	1,598	9,161

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.0	0.0	40.05	46.0	7.58	2.66
120950146072	0.0	9.21	8.78	35.73	10.14	5.57
120950147061	0.0	5.01	9.34	39.35	20.49	11.76
120950148123	0.0	10.56	13.41	44.98	2.8	6.69

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.0	0.0	5.19	5.96	0.98	0.25
120950146072	0.0	0.78	0.74	3.03	0.86	0.36
120950147061	0.0	0.3	0.56	2.38	1.24	0.6
120950148123	0.0	0.96	1.22	4.09	0.25	0.41

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	131	195	54	475	354	167	191	81
120950146072	375	390	52	940	625	788	671	144
120950147061	18	164	9	107	448	535	245	70
120950148123	48	467	26	286	661	149	178	117
Totals:	572	1,216	141	1,808	2,088	1,639	1,285	412

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	164	660	0	0	125	699	758	0
120950146072	2085	350	0	367	404	779	1424	0
120950147061	598	149	0	80	327	442	628	0
120950148123	543	259	0	204	54	872	869	0
Totals:	3,390	1,418	0	651	910	2,792	3,679	0

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	163	297	267	0	0	0	19
120950146072	207	784	720	65	9	0	0
120950147061	155	504	137	92	0	0	0
120950148123	41	495	281	18	0	0	8
Totals:	566	2,080	1,405	175	9	0	27

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1340: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)	0.01	0.07%
1330: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)	0.14	1.02%
6210: CYPRESS	0.09	0.65%
1410: RETAIL SALES AND SERVICES	0.17	1.24%
8140: ROADS AND HIGHWAYS	13.37	97.1%
Totals	13.77	-

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

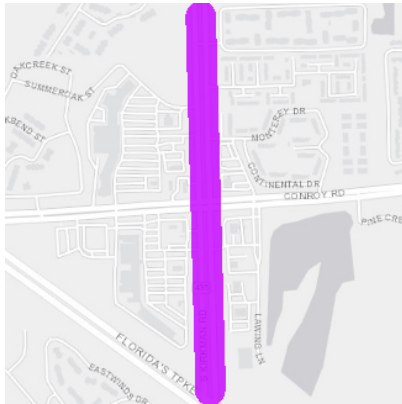
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	4
NRCS Prime Farm Land - Subset of NRCS Specific Soils Data	i	10/16/2025	0
		10/16/2025	4

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
ORLANDO

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323155	SAMSULA	85	SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	5107	YES	VERY POORLY DRAINED	CONSOCIATION
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

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	4.89	35.52%
Totals	13.77	-

USCB 2020 Census Urban Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
Orlando, FL Urban Area	13.77	100%
Totals	13.77	-

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

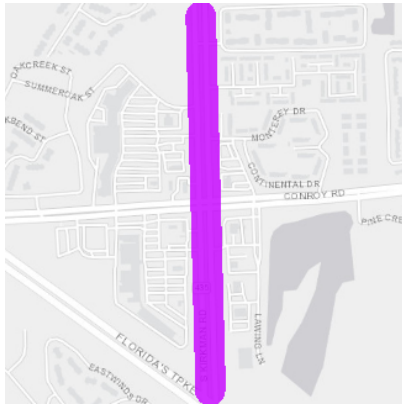
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	0
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	1

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	1
FDEP Treaters, Storers, and Disposers of Hazardous Waste		10/16/2025	0
FDEP Waterbody IDs		10/16/2025	1
FDOH Biomedical Waste		10/16/2025	3
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	1
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 Petroleum Contamination Monitoring Sites

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Cleanup Status	Facility ID	Name	Google Map
NO CLEANUP REQUIRED	9806213	BENTON EXPRESS	https://www.google.com/maps/place/17RMM5508251564

Summary: 1 feature(s) found within buffer.

FDEP Storage Tank Contamination Monitoring (STCM)

FDEP Storage Tank Contamination Monitoring

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Status	Site type	Google Map
9806213	CLOSED	EMERGENCY RESPONSE SPILL SITE	https://www.google.com/maps/place/17RMM5508251564

Summary: 1 feature(s) found within buffer.

FDEP Waterbody IDs

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID
SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 13.77 acres, 100 percent of analysis area.

FDOH Biomedical Waste

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Status	Permit Number	Description
ACTIVE	48-64-1612428	WALGREENS # 15332
ACTIVE	48-64-01555	GREENBERG DENTAL ASSOCIATES
ACTIVE	48-64-00673	LEVINE, GERALD M DMD PA

Summary: 3 feature(s) found within buffer.

FEMA DFIRM (SFHA) 100 Year Flood Zones

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

FEMA DFIRM 100 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

FEMA DFIRM 500 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 500 YEAR FLOODPLAIN	12.53	91.02%
500 YEAR FLOODPLAIN	1.24	8.98%
Totals	13.76	-

FEMA DFIRM Panel Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

FIRM Panel	Effective date
12095C0405F	2009-09-25 00:00:00

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
Outside Storm Surge Zone	13.84	100.0%
Totals	13.84	-

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

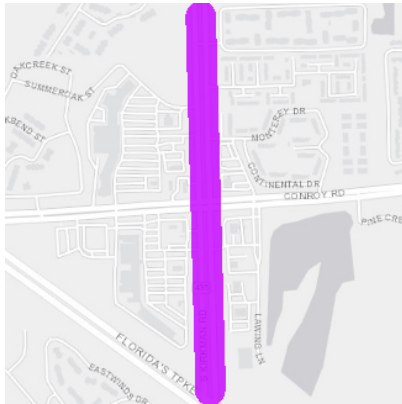
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	5
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	0
		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	0
FDEP Environmental Geology		10/16/2025	1
FDOT 5 Year Crash Rates (2014-2018)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2010)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2011)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2012)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2013)		10/16/2025	1
FDOT Fatal Crashes on SHS Roadways (2014)		10/16/2025	0
FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	202
FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	123
FDOT Nonfatal Crashes on SHS Roadways (2010)		10/16/2025	74
FDOT Nonfatal Crashes on SHS Roadways (2011)		10/16/2025	48
FDOT Nonfatal Crashes on SHS Roadways (2012)		10/16/2025	40
FDOT Nonfatal Crashes on SHS Roadways (2013)		10/16/2025	98
FDOT Nonfatal Crashes on SHS Roadways (2014)		10/16/2025	148
FDOT RCI Bridges		10/16/2025	0

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	0
GEOPLAN List Year Built (housing stock aged 45 - 49 years)		10/16/2025	0
GEOPLAN National Historic Preservation Act - Florida Certified Local Governments		10/16/2025	1
GEOPLAN Summary - Year Built (Post 1970)		10/16/2025	4
GEOPLAN Summary - Year Built (Pre 1970)		10/16/2025	0
GEOPLAN Summary Year Built (housing stock aged 40 - 44 years)		10/16/2025	0
GEOPLAN Summary Year Built (housing stock aged 45 - 49 years)		10/16/2025	0
NRCS List of Specific Soils - SSURGO		10/16/2025	4
NRCS Summary of Specific Soils - SSURGO		10/16/2025	4
Signal 4 Fatal Crashes (2017)		10/16/2025	0
Signal 4 Fatal Crashes (2018-2020)		10/16/2025	1
Signal 4 Fatal Crashes (2021)		10/16/2025	1
Signal 4 Fatal Crashes (2022)		10/16/2025	1
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	120
Signal 4 Non-Fatal Crashes (2018-2020)	i	10/16/2025	302
Signal 4 Non-Fatal Crashes (2021)	i	10/16/2025	104
Signal 4 Non-Fatal Crashes (2022)	i	10/16/2025	99
Signal 4 Non-Fatal Crashes (2023)	i	10/16/2025	85
Signal 4 Non-Fatal Crashes (2024)	i	10/16/2025	75
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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
NO FIELD SURVEY PRESENT	7.41	53.81%
Totals	7.41	-

BAR Florida Site File Field Survey Project Boundaries

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Title	Publication Date	Manuscript Number
AN ARCHAEOLOGICAL AND HISTORICAL ASSESSMENT FOR THE MCCLEOD CELLULAR TOWER, ORANGE COUNTY, FLORIDA	2004	10427.0
ARCHAEOLOGICAL AND HISTORICAL SURVEY OF SOUTHWEST ORANGE COUNTY 201 FACILITIES PLAN, PHASE II	1984	999.0
CULTURAL RESOURCE ASSESSMENT SURVEY OF FLORIDA'S TURNPIKE MAINLINE PD&E STUDY FROM US 192 TO SR 50 (CLERMONT), ORANGE AND OSCEOLA COUNTIES	2003	9230.0
HISTORICAL, ARCHITECTURAL AND ARCHAEOLOGICAL SURVEY OF ORLANDO, FLORIDA	1978	17.0
PROPOSED CELLULAR TOWER: "EAST TURKEY LAKE" TOWER SITE	2002	8602.0

Summary: 23.65 acres, 100 percent of analysis area.

FDEP Environmental Geology

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Geologic Category	Area of Interest	
	Acr	Pct
MED. FINE SAND AND SILT	13.77	100%
Totals	13.77	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Percent Confidence	State Rd	RCI Roadway ID	Safety Ratio
99.99	SR435	75270000	1.77873118
99.99	SR435	75270000	3.90397583

Summary: 2144.2 linear feet within buffer.

FDOT Fatal Crashes on SHS Roadways (2013)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2013	1

FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2005	71
2006	65
2007	66

FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2008	60
2009	63

FDOT Nonfatal Crashes on SHS Roadways (2010)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2010	74

FDOT Nonfatal Crashes on SHS Roadways (2011)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2011	48

FDOT Nonfatal Crashes on SHS Roadways (2012)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2012	40

FDOT Nonfatal Crashes on SHS Roadways (2013)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2013	98

FDOT Nonfatal Crashes on SHS Roadways (2014)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2014	148

GEOPLAN National Historic Preservation Act - Florida Certified Local Governments

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

FCLG	Contact Name
CITY OF ORLANDO	HEATHER BONDS

Summary: 13.77 acres, 100 percent of analysis area.

GEOPLAN Summary - Year Built (Post 1970)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Decade Built	Area of Interest	
	Acr	Pct
1980 - 1989	0.15	1.09%
1990 - 1999	0.08	0.59%
2010 - 2019	0.04	0.29%
Totals	0.26	-

NRCS List of Specific Soils - SSURGO

NRCS List of Specific Soils characteristics

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323155	SAMSULA	85	SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	5107	YES	VERY POORLY DRAINED	CONSOCIATION
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

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	4.89	35.52%
Totals	13.77	-

Signal 4 Fatal Crashes (2018-2020)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2020	1

Signal 4 Fatal Crashes (2021)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	1

Signal 4 Non-Fatal Crashes (2017)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2017	120

Signal 4 Non-Fatal Crashes (2018-2020)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	117
2019	107
2020	78

Signal 4 Non-Fatal Crashes (2021)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	104

Signal 4 Non-Fatal Crashes (2022)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	99

Signal 4 Non-Fatal Crashes (2023)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2023	85

Signal 4 Non-Fatal Crashes (2024)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2024	75

USCB 2010 Census Designated Places

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 13.77 acres, 100 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Township, Range, Section
23S28E12
23S28E13
23S29E07
23S29E18

Summary: 13.77 acres, 100 percent of analysis area.

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

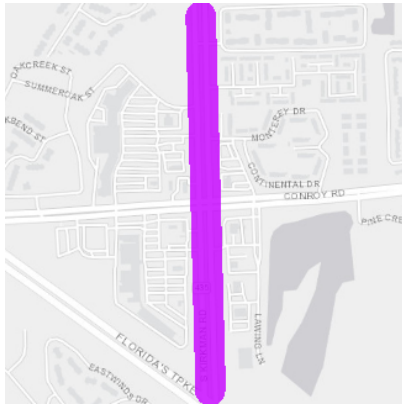
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



Analysis Type		Date Run	Features within AOI
			Count
Infrastructure			
BTS (FRA) Railroad Crossings	i	10/16/2025	0
BTS 2010 Amtrak Intercity Railroad Terminals	i	10/16/2025	0
BTS Airports	i	10/16/2025	0
DOACS Florida Forest Service Facility Locations - 2015	i	10/16/2025	0
FCC AM Tower Structures	i	10/16/2025	0
FCC Cellular Antenna Locations	i	10/16/2025	0
FCC FM Tower Structures	i	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	0
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	9
FDEP Mitigation Banks		10/16/2025	0
FDEP Petroleum Contamination Monitoring Sites		10/16/2025	1
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	1
FDEP Treaters, Storers, 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	0

Analysis Type		Date Run	Count
FDOT Railroad Crossings (RHCI)		10/16/2025	0
FDOT Railroads in the State of 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 Aviation Transportation Facilities		10/16/2025	0
GEOPLAN Correctional Facilities		10/16/2025	0
GEOPLAN Hospitals		10/16/2025	0
ORNL Electric Power Transmission Lines		10/16/2025	0
ORNL Electric Substations		10/16/2025	0
USACE Major Dams		10/16/2025	0
USACE Mitigation Bank and In-Lieu Fee Program Sites		10/16/2025	0
USCB 2010 Census Designated Places		10/16/2025	1
USEIA Natural Gas Pipelines		10/16/2025	0
USEPA Power Plants		10/16/2025	0

FDEP Mitigation Bank Service Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Bank Name	Permitting Agency	Permit Number
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

Summary: 123.95 acres, 100 percent of analysis area.

FDEP Petroleum Contamination Monitoring Sites

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Cleanup Status	Facility ID	Name	Google Map
NO CLEANUP REQUIRED	9806213	BENTON EXPRESS	https://www.google.com/maps/place/17RMM5508251564

Summary: 1 feature(s) found within buffer.

FDEP Storage Tank Contamination Monitoring (STCM)

FDEP Storage Tank Contamination Monitoring

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Status	Site type	Google Map
9806213	CLOSED	EMERGENCY RESPONSE SPILL SITE	https://www.google.com/maps/place/17RMM5508251564

Summary: 1 feature(s) found within buffer.

USCB 2010 Census Designated Places

Metadata: <https://etdmpub.flh-eha.org/meta/cenplace2010.xml>

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 13.77 acres, 100 percent of analysis area.

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

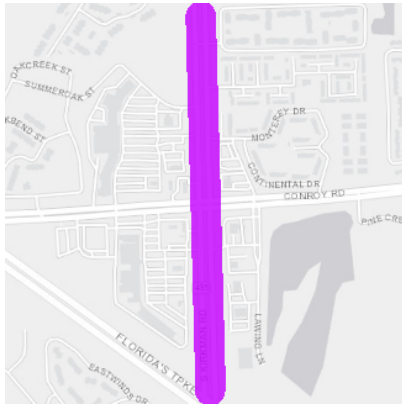
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



Analysis Type		Date Run	Features within AOI
			Count
Land Use Changes			
FDEP Brownfield Location Boundaries		10/16/2025	0
FDOT 5 Year Crash Rates (2014-2018)		10/16/2025	2
FDOT Fatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2010)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2011)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2012)		10/16/2025	0
		10/16/2025	1

Analysis Type		Date Run	Count
FDOT Fatal Crashes on SHS Roadways (2013)			
FDOT Fatal Crashes on SHS Roadways (2014)		10/16/2025	0
FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	202
FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	123
FDOT Nonfatal Crashes on SHS Roadways (2010)		10/16/2025	74
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FDOT Nonfatal Crashes on SHS Roadways (2013)		10/16/2025	98
FDOT Nonfatal Crashes on SHS Roadways (2014)		10/16/2025	148
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	3
GEOPLAN GeoPlan Future Land Use 2020 - Level 2		10/16/2025	5
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	1
Signal 4 Fatal Crashes (2021)		10/16/2025	1
Signal 4 Fatal Crashes (2022)		10/16/2025	1
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	120
Signal 4 Non-Fatal Crashes (2018-2020)		10/16/2025	302
Signal 4 Non-Fatal Crashes (2021)		10/16/2025	104
Signal 4 Non-Fatal Crashes (2022)		10/16/2025	99
Signal 4 Non-Fatal Crashes (2023)		10/16/2025	85
Signal 4 Non-Fatal Crashes (2024)		10/16/2025	75
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	6
WMD Water Management District Owned Lands		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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Percent Confidence	State Rd	RCI Roadway ID	Safety Ratio
99.99	SR435	75270000	1.77873118
99.99	SR435	75270000	3.90397583

Summary: 2144.2 linear feet within buffer.

FDOT Fatal Crashes on SHS Roadways (2013)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2013	1

FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2005	71
2006	65
2007	66

FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2008	60
2009	63

FDOT Nonfatal Crashes on SHS Roadways (2010)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2010	74

FDOT Nonfatal Crashes on SHS Roadways (2011)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2011	48

FDOT Nonfatal Crashes on SHS Roadways (2012)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2012	40

FDOT Nonfatal Crashes on SHS Roadways (2013)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2013	98

FDOT Nonfatal Crashes on SHS Roadways (2014)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2014	148

GEOPLAN Generalized Land Use

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RESIDENTIAL	0.06	0.44%
RETAIL/OFFICE	0.21	1.52%
Totals	0.26	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	0.09	0.65%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.16	1.16%
RESIDENTIAL HIGH (> 12 DU/AC)	0.05	0.36%
TRANSPORTATION/UTILITIES	13.46	97.75%
Totals	13.77	-

Signal 4 Fatal Crashes (2018-2020)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2020	1

Signal 4 Fatal Crashes (2021)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	1

Signal 4 Non-Fatal Crashes (2017)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2017	120

Signal 4 Non-Fatal Crashes (2018-2020)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	117
2019	107
2020	78

Signal 4 Non-Fatal Crashes (2021)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	104

Signal 4 Non-Fatal Crashes (2022)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	99

Signal 4 Non-Fatal Crashes (2023)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2023	85

Signal 4 Non-Fatal Crashes (2024)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2024	75

USCB 2010 Census Designated Places

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 13.77 acres, 100 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Township, Range, Section
23S28E12
23S28E13
23S29E07
23S29E18

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1340: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)	0.01	0.07%
1330: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)	0.14	1.02%
6210: CYPRESS	0.09	0.65%
1410: RETAIL SALES AND SERVICES	0.17	1.24%
8140: ROADS AND HIGHWAYS	13.37	97.1%
Totals	13.77	-

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

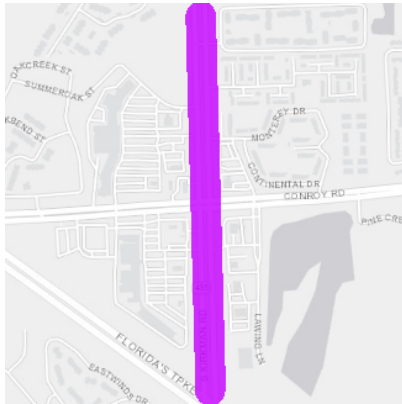
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	2

Analysis Type		Date Run	Count
FDOT 5 Year Crash Rates (2014-2018)			
FDOT Bus Transit Routes		10/16/2025	18
FDOT Fatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2010)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2011)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2012)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2013)		10/16/2025	1
FDOT Fatal Crashes on SHS Roadways (2014)		10/16/2025	0
FDOT Federal Aviation Administration Obstructions		10/16/2025	0
FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	202
FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	123
FDOT Nonfatal Crashes on SHS Roadways (2010)		10/16/2025	74
FDOT Nonfatal Crashes on SHS Roadways (2011)		10/16/2025	48
FDOT Nonfatal Crashes on SHS Roadways (2012)		10/16/2025	40
FDOT Nonfatal Crashes on SHS Roadways (2013)		10/16/2025	98
FDOT Nonfatal Crashes on SHS Roadways (2014)		10/16/2025	148
FDOT Park and Ride Parking Lots - FDOT District 5		10/16/2025	0
FDOT Railroads in the State of Florida		10/16/2025	0
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	1
Signal 4 Fatal Crashes (2021)		10/16/2025	1
Signal 4 Fatal Crashes (2022)		10/16/2025	1
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	120
Signal 4 Non-Fatal Crashes (2018-2020)		10/16/2025	302
Signal 4 Non-Fatal Crashes (2021)		10/16/2025	104

Analysis Type		Date Run	Count
Signal 4 Non-Fatal Crashes (2022)		10/16/2025	99
Signal 4 Non-Fatal Crashes (2023)		10/16/2025	85
Signal 4 Non-Fatal Crashes (2024)		10/16/2025	75
USCB 2010 Census Designated Places		10/16/2025	1
USDOT Potential Navigable Waterways		10/16/2025	0
USFS Florida National Scenic Trail		10/16/2025	0

FDOT 5 Year Crash Rates (2014-2018)

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Percent Confidence	State Rd	RCI Roadway ID	Safety Ratio
99.99	SR435	75270000	1.77873118
99.99	SR435	75270000	3.90397583

Summary: 2144.2 linear feet within buffer.

FDOT Bus Transit Routes

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Bus Route	0 Ft.
ROUTE 21 - RALEIGH ST/KIRKMAN RD/ UNIV STUDIOS	6661.08
ROUTE 301 - DISNEY DIRECT/PINE HILLS	2075.73
ROUTE 302 - 3D-MAGIC KINGDOM/ROSEMONT	4830.58
ROUTE 37 - PINE HILLS/FLORIDA MALL	6662.12
ROUTE 40 - AMERICANA BLVD/UNIVERSAL ORLANDO	2591.52

FDOT Fatal Crashes on SHS Roadways (2013)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2013	1

FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2005	71
2006	65
2007	66

FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2008	60
2009	63

FDOT Nonfatal Crashes on SHS Roadways (2010)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2010	74

FDOT Nonfatal Crashes on SHS Roadways (2011)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2011	48

FDOT Nonfatal Crashes on SHS Roadways (2012)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2012	40

FDOT Nonfatal Crashes on SHS Roadways (2013)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2013	98

FDOT Nonfatal Crashes on SHS Roadways (2014)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2014	148

Signal 4 Fatal Crashes (2018-2020)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2020	1

Signal 4 Fatal Crashes (2021)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	1

Signal 4 Non-Fatal Crashes (2017)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2017	120

Signal 4 Non-Fatal Crashes (2018-2020)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	117
2019	107
2020	78

Signal 4 Non-Fatal Crashes (2021)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	104

Signal 4 Non-Fatal Crashes (2022)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	99

Signal 4 Non-Fatal Crashes (2023)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2023	85

Signal 4 Non-Fatal Crashes (2024)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2024	75

USCB 2010 Census Designated Places

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 13.77 acres, 100 percent of analysis area.

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

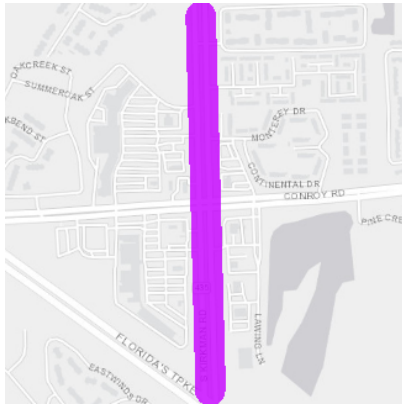
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	0
WMD Wetlands (FLUCCS Level 3)		10/16/2025	1

WMD Wetlands (FLUCCS Level 3)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
6210: CYPRESS	0.09	0.65%
Totals	0.09	-

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

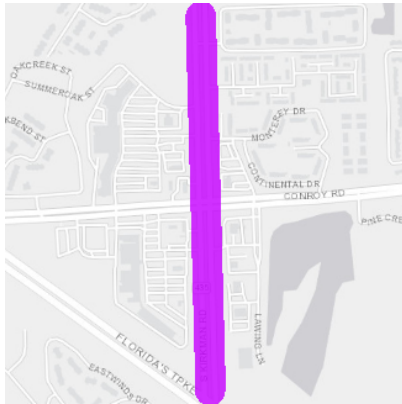
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



Analysis Type		Date Run	Features within AOI
			Count
Noise			
AHCA Group Care Facilities		10/16/2025	0
BAR Florida Site File Cemeteries		10/16/2025	0
BTS Airports		10/16/2025	0
FCC AM Tower Structures		10/16/2025	0
FCC FM Tower Structures		10/16/2025	0
FCC Television Broadcast Structure Locations		10/16/2025	0
FDEP Florida State Parks		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	0
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	0
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	2

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	0
WMD Residential Areas (FLUCCS Level 3)		10/16/2025	2
WMD Water Management District Boundaries		10/16/2025	1

FDOT Urbanized Areas
FDOT Urban Exclusion Area

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
ORLANDO

Summary: 13.77 acres, 100 percent of analysis area.

GEOPLAN Homeowner and Condominium Associations
GEOPLAN Homeowner and Condominium Associations (Geocoded)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name	Number of units	Google Map
STUDIOPARC II, A CONDO	227	https://www.google.com/maps/place/17RMM5509652181
TOWNES OF SOUTHGATE (III) A CONDO	48	https://www.google.com/maps/place/17RMM5506951995

Summary: 2 feature(s) found within buffer.

WMD Residential Areas (FLUCCS Level 3)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1340: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)	0.01	0.07%
1330: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)	0.14	1.02%
Totals	0.15	-

WMD Water Management District Boundaries

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Summary: 13.77 acres, 100 percent of analysis area.

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

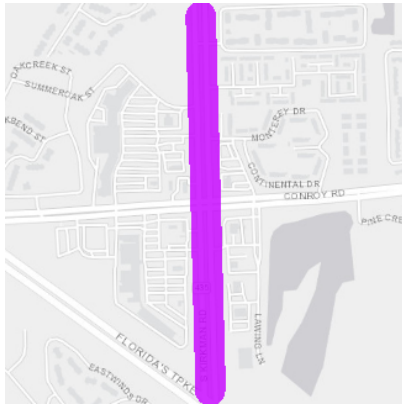
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	0
FDEP Basin Management Action Plans (BMAP) Areas in Florida		10/16/2025	1
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	1
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	0
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	9
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	2
NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data	i	10/16/2025	2
NRCS List of Specific Soils - SSURGO	i	10/16/2025	4
NRCS Summary of Specific Soils - SSURGO	i	10/16/2025	4
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	14
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	1

FDEP Basin Management Action Plans (BMAP) Areas in Florida

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

TMDL Basin Rotation Group	Description	Type	Status
LAKE OKEECHOBEE	LAKE OKEECHOBEE	SURFACE WATER BMAP	ADOPTED BMAPS

Summary: 13.77 acres, 100 percent of analysis area.

FDEP Waterbody IDs

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID
SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Aquifer Recharge

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
PRIORITY 3	6	43.9%
PRIORITY 4	7.67	56.1%
Totals	13.68	-

FNAI CLIP Version 4 Biodiversity Resource Priorities

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Landscape Integrity Index

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
2	14.01	100.0%
Totals	14.01	-

FNAI CLIP Version 4 Landscape Resource Priorities

Metadata: https://etdmpub.fl-a-etat.org/meta/clipv4_lndscprp.xml

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Natural Floodplain

Metadata: <https://etdmpub.fl-a-etat.org/meta/clipv4 fldpln.xml>

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Potential Habitat Richness

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Priority Natural Communities

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Rare Species Habitat Conservation Priorities

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Significant Surface Waters

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Strategic Habitat Conservation Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Surface Water Resource Priorities

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Wetlands

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI Element Occurrence (Potential)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Common Name	Area of Interest	
	Acr	Pct
BROAD CERCUS SCRUB GRASSHOPPER	13.77	100%
FLORIDA BLACK BEAR	13.77	100%
Totals	27.54	-

FWC 2003 Habitat and Landcover GRID

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
DRY PRAIRIES	0.22	1.61%
FRESHWATER MARSH AND WET PRAIRIE	0.44	3.23%
SHRUB SWAMP	0.67	4.84%
CYPRESS SWAMP	0.22	1.61%
HIGH IMPACT URBAN	12.23	88.71%
Totals	13.79	-

FWC Black Bear Range

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
FREQUENT

Summary: 13.77 acres, 100 percent of analysis area.

FWC Florida Cooperative Land Cover Grid - Version 3.8

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
1822 - HIGH INTENSITY URBAN	0.22	1.62%
1840 - TRANSPORTATION	13.37	97.48%
2211 - CYPRESS	0.12	0.9%
Totals	13.71	-

FWC State Imperiled Species in Florida

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
LITTLE BLUE HERON (THREATENED)	13.77	100%
ROSEATE SPOONBILL (THREATENED)	13.77	100%
TRICOLORED HERON (THREATENED)	13.77	100%
BURROWING OWL (THREATENED)	13.77	100%
FLORIDA PINE SNAKE (THREATENED)	13.77	100%
FLORIDA SANDHILL CRANE (THREATENED)	13.77	100%
SOUTHEASTERN AMERICAN KESTREL (THREATENED)	13.77	100%
SHORT-TAILED SNAKE (THREATENED)	13.77	100%
GOPHER TORTOISE (THREATENED)	13.77	100%
Totals	123.95	-

FWC Watersheds containing Rare and Imperiled Fish

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Watershed Name	Common Name
BIG SAND LAKE	IRONCOLOR SHINER

Summary: 13.77 acres, 100 percent of analysis area.

NOAA Coastal Change Analysis Program - 2016

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
DEVELOPED - HIGH INTENSITY	1.11	8.06%
DEVELOPED - MEDIUM INTENSITY	5.12	37.1%
DEVELOPED - LOW INTENSITY	7.12	51.61%
PALUSTRINE FORESTED WETLAND	0.44	3.23%
Totals	13.79	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
323155	SAMSULA	85	SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	5107	VERY POORLY DRAINED	CONSOCIATION	A/D

Summary: 8.89 acres, 64.6 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
Totals	8.89	-

NRCS List of Specific Soils - SSURGO

NRCS List of Specific Soils characteristics

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323155	SAMSULA	85	SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	5107	YES	VERY POORLY DRAINED	CONSOCIATION
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

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	4.89	35.52%
Totals	13.77	-

UFCLCP Florida Ecological Greenways Network

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUT	14.01	100.0%
Totals	14.01	-

USFWS Lake Wales Ridge Plants Consultation Area

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
LAKE WALES RIDGE PLANTS CONSULTATION AREA (NF ESO)	13.77	100%
Totals	13.77	-

USFWS Scrub Jay Consultation Area

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SCRUB-JAY CONSULTATION AREA (NF ESO)	13.77	100%
Totals	13.77	-

USFWS Snail Kite Consultation Area

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SNAIL KITE CONSULTATION AREA (NF ESO)	13.77	100%
Totals	13.77	-

USFWS Species Range

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)
FLORIDA SCRUB-JAY (THREATENED)
MONARCH BUTTERFLY (PROPOSED THREATENED)
PAPERY WHITLOW-WORT (THREATENED)
PIGEON WINGS (THREATENED)
RED-COCKADED WOODPECKER (THREATENED)
SANDLACE (ENDANGERED)
SCRUB LUPINE (ENDANGERED)
SOUTHERN HOGNOSE SNAKE (PROPOSED THREATENED)
WOOD STORK (THREATENED)

Summary: 192.68 acres, 100 percent of analysis area.

USFWS Woodstork Core Foraging Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
WOOD STORK AREAS	13.77	100%
Totals	13.77	-

USGS Township Range Section
USGS Public Land Surveys, Township Range Section

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Township, Range, Section
23S28E12
23S28E13
23S29E07
23S29E18

Summary: 13.77 acres, 100 percent of analysis area.

WMD Wetlands (FLUCCS Level 3)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
6210: CYPRESS	0.09	0.65%
Totals	0.09	-

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

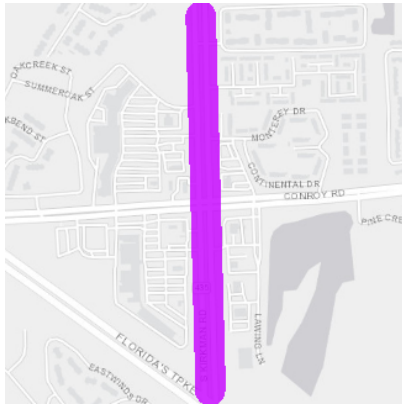
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 13.77 acres, 100 percent of analysis area.

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

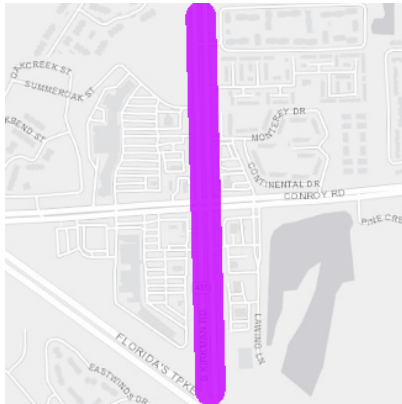
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



Analysis Type		Date Run	Features within AOI
			Count
Relocation Potential			
FDOH Migrant Labor Camps	i	10/16/2025	0
FDOH Mobile Home and RV 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
GEOPLAN Schools (Points)	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
		10/16/2025	2

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 13.77 acres, 100 percent of analysis area.

WMD Residential Areas (FLUCCS Level 3)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1340: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)	0.01	0.07%
1330: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)	0.14	1.02%
Totals	0.15	-

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

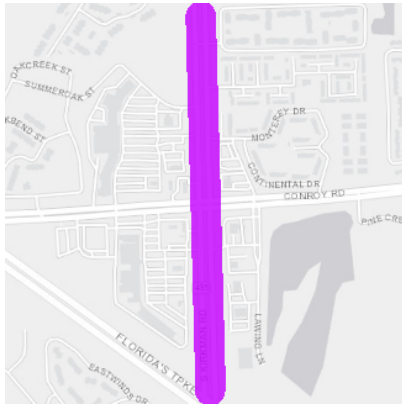
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	5
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	0
BAR National Register of Historic Places	i	10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
BTS National Bridge Inventory			
FDACS State Forests		10/16/2025	0
FDOT RCI Bridges		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
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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Title	Publication Date	Manuscript Number
AN ARCHAEOLOGICAL AND HISTORICAL ASSESSMENT FOR THE MCCLEOD CELLULAR TOWER, ORANGE COUNTY, FLORIDA	2004	10427.0
ARCHAEOLOGICAL AND HISTORICAL SURVEY OF SOUTHWEST ORANGE COUNTY 201 FACILITIES PLAN, PHASE II	1984	999.0
CULTURAL RESOURCE ASSESSMENT SURVEY OF FLORIDA'S TURNPIKE MAINLINE PD&E STUDY FROM US 192 TO SR 50 (CLERMONT), ORANGE AND OSCEOLA COUNTIES	2003	9230.0
HISTORICAL, ARCHITECTURAL AND ARCHAEOLOGICAL SURVEY OF ORLANDO, FLORIDA	1978	17.0
PROPOSED CELLULAR TOWER: "EAST TURKEY LAKE" TOWER SITE	2002	8602.0

Summary: 23.65 acres, 100 percent of analysis area.

GEOPLAN National Historic Preservation Act - Florida Certified Local Governments

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

FCLG	Contact Name
CITY OF ORLANDO	HEATHER BONDS

Summary: 13.77 acres, 100 percent of analysis area.

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

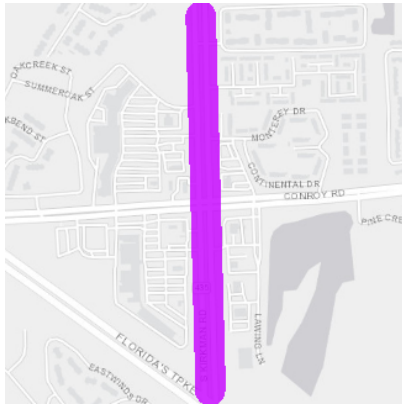
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



Analysis Type		Date Run	Features within AOI
			Count
Social			
AHCA Group Care Facilities	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	5
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	0
BTS 2010 Amtrak Intercity Railroad Terminals	i	10/16/2025	0
		10/16/2025	0

Analysis Type		Date Run	Count
BTS Airports			
BTS National Bridge Inventory		10/16/2025	0
FDEM Front Porch Communities		10/16/2025	0
FDEP Affordable Public Housing		10/16/2025	0
FDEP Brownfield Location Boundaries		10/16/2025	0
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	2
FDOT District 5 - Conservation Lands		10/16/2025	0
FDOT Facility Crossings		10/16/2025	1
FDOT Fatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2010)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2011)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2012)		10/16/2025	0
FDOT Fatal Crashes on SHS Roadways (2013)		10/16/2025	1

Analysis Type		Date Run	Count
FDOT Fatal Crashes on SHS Roadways (2014)		10/16/2025	0
FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)		10/16/2025	202
FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)		10/16/2025	123
FDOT Nonfatal Crashes on SHS Roadways (2010)		10/16/2025	74
FDOT Nonfatal Crashes on SHS Roadways (2011)		10/16/2025	48
FDOT Nonfatal Crashes on SHS Roadways (2012)		10/16/2025	40
FDOT Nonfatal Crashes on SHS Roadways (2013)		10/16/2025	98
FDOT Nonfatal Crashes on SHS Roadways (2014)		10/16/2025	148
FDOT RCI Bridges		10/16/2025	0
FDOT Railroads in the State of Florida		10/16/2025	0
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	3
GEOPLAN GeoPlan Future Land Use 2020 - Level 2		10/16/2025	5
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	2
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	1
Signal 4 Fatal Crashes (2021)		10/16/2025	1
Signal 4 Fatal Crashes (2022)		10/16/2025	1
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	120
Signal 4 Non-Fatal Crashes (2018-2020)		10/16/2025	302
Signal 4 Non-Fatal Crashes (2021)		10/16/2025	104
Signal 4 Non-Fatal Crashes (2022)		10/16/2025	99
Signal 4 Non-Fatal Crashes (2023)		10/16/2025	85
Signal 4 Non-Fatal Crashes (2024)		10/16/2025	75
USCB 2000 Census Block Data		10/16/2025	6
USCB 2000 Census Data Block Groups - Housing		10/16/2025	3
USCB 2000 Census Data Block Groups - Income		10/16/2025	3
USCB 2000 Census Data Block Groups - Language		10/16/2025	3

Analysis Type		Date Run	Count
USCB 2000 Census Data Block Groups - Percentages		10/16/2025	3
USCB 2000 Census Data Block Groups - Population Densities		10/16/2025	3
USCB 2000 Census Data Block Groups - Population Totals		10/16/2025	3
USCB 2000 Census Data Block Groups - Transportation		10/16/2025	3
USCB 2000 US Census Block Data - Minority Population greater than 40%		10/16/2025	2
USCB 2010 Census County Demographics		10/16/2025	1
USCB 2010 Census Data Block Groups - Housing		10/16/2025	3
USCB 2010 Census Data Block Groups - Income		10/16/2025	3
USCB 2010 Census Data Block Groups - Language		10/16/2025	3
USCB 2010 Census Data Block Groups - Percentages		10/16/2025	3
USCB 2010 Census Data Block Groups - Population Densities		10/16/2025	3
USCB 2010 Census Data Block Groups - Population Totals		10/16/2025	3
USCB 2010 Census Data Block Groups - Race and Ethnicity		10/16/2025	3
USCB 2010 Census Data Block Groups - Transportation		10/16/2025	3
USCB 2010 Census Designated Places		10/16/2025	1
USCB 2010 US Census Block Data		10/16/2025	8
USCB 2010 US Census Block Data - Minority Population greater than 40%		10/16/2025	5
USCB 2020 Census Data Block Groups - Housing		10/16/2025	4
USCB 2020 Census Data Block Groups - Percentages		10/16/2025	4
USCB 2020 Census Data Block Groups - Population Densities		10/16/2025	4
USCB 2020 Census Data Block Groups - Population Totals		10/16/2025	4

Analysis Type		Date Run	Count
USCB 2020 Census Data Block Groups - Race and Ethnicity		10/16/2025	4
USCB 2020 Census Urban Areas		10/16/2025	1
USCB 2020 US Census Block Data		10/16/2025	12
USCB 2020 US Census Block Data - Minority Population greater than 40%		10/16/2025	6
USCB 2023 American Community Survey Block Group Data - Geographic Mobility		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Household Language		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Housing		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Income		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Internet Access		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Language		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Percentages		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Population Densities		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Population Totals		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Race and Ethnicity		10/16/2025	4
USCB 2023 American Community Survey Block Group Data - Transportation		10/16/2025	4
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	6
WMD Residential Areas (FLUCCS Level 3)		10/16/2025	2

BAR Florida Site File Field Survey Project Boundaries

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Title	Publication Date	Manuscript Number
AN ARCHAEOLOGICAL AND HISTORICAL ASSESSMENT FOR THE MCCLEOD CELLULAR TOWER, ORANGE COUNTY, FLORIDA	2004	10427.0
ARCHAEOLOGICAL AND HISTORICAL SURVEY OF SOUTHWEST ORANGE COUNTY 201 FACILITIES PLAN, PHASE II	1984	999.0
CULTURAL RESOURCE ASSESSMENT SURVEY OF FLORIDA'S TURNPIKE MAINLINE PD&E STUDY FROM US 192 TO SR 50 (CLERMONT), ORANGE AND OSCEOLA COUNTIES	2003	9230.0
HISTORICAL, ARCHITECTURAL AND ARCHAEOLOGICAL SURVEY OF ORLANDO, FLORIDA	1978	17.0
PROPOSED CELLULAR TOWER: "EAST TURKEY LAKE" TOWER SITE	2002	8602.0

Summary: 23.65 acres, 100 percent of analysis area.

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Percent Confidence	State Rd	RCI Roadway ID	Safety Ratio
99.99	SR435	75270000	1.77873118
99.99	SR435	75270000	3.90397583

Summary: 2144.2 linear feet within buffer.

FDOT Facility Crossings

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
SR 435 SB

Summary: 52.72 linear feet within buffer.

FDOT Fatal Crashes on SHS Roadways (2013)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Fatal Crashes	0 Ft.
2013	1

FDOT Nonfatal Crashes on SHS Roadways (2005 - 2007)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2005	71
2006	65
2007	66

FDOT Nonfatal Crashes on SHS Roadways (2008 - 2009)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2008	60
2009	63

FDOT Nonfatal Crashes on SHS Roadways (2010)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2010	74

FDOT Nonfatal Crashes on SHS Roadways (2011)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2011	48

FDOT Nonfatal Crashes on SHS Roadways (2012)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2012	40

FDOT Nonfatal Crashes on SHS Roadways (2013)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2013	98

FDOT Nonfatal Crashes on SHS Roadways (2014)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Number of Non-Fatal Crashes	0 Ft.
2014	148

GEOPLAN Generalized Land Use

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RESIDENTIAL	0.06	0.44%
RETAIL/OFFICE	0.21	1.52%
Totals	0.26	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	0.09	0.65%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.16	1.16%
RESIDENTIAL HIGH (> 12 DU/AC)	0.05	0.36%
TRANSPORTATION/UTILITIES	13.46	97.75%
Totals	13.77	-

GEOPLAN Homeowner and Condominium Associations

GEOPLAN Homeowner and Condominium Associations (Geocoded)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name	Number of units	Google Map
STUDIOPARC II, A CONDO	227	https://www.google.com/maps/place/17RMM5509652181
TOWNES OF SOUTHGATE (III) A CONDO	48	https://www.google.com/maps/place/17RMM5506951995

Summary: 2 feature(s) found within buffer.

Signal 4 Fatal Crashes (2018-2020)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2020	1

Signal 4 Fatal Crashes (2021)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	1

Signal 4 Non-Fatal Crashes (2017)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2017	120

Signal 4 Non-Fatal Crashes (2018-2020)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2018	117
2019	107
2020	78

Signal 4 Non-Fatal Crashes (2021)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2021	104

Signal 4 Non-Fatal Crashes (2022)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2022	99

Signal 4 Non-Fatal Crashes (2023)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2023	85

Signal 4 Non-Fatal Crashes (2024)

Metadata: https://etdmpub.flh-ehat.org/meta/s4_crash_2024.xml

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Crash Year	0 Ft.
2024	75

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061031	8	102	2.25	181	557	4	266	531	638	27.1	92	1195	744
120950146061042	2	20	2.53	26	82	0	48	78	115	29.7	25	197	114
120950146071011	9	101	1.77	184	858	3	340	1078	1047	29.4	109	1905	1419
120950147041001	12	121	1.77	211	1371	2	384	1537	1354	30.1	67	2725	2237
120950147041011	1	14	1.91	12	105	0	21	110	105	28.0	7	210	166
120950147041014	0	0	0.0	0	0	0	0	0	0	0.0	0	0	0
Totals:	32	358	N/A	614	2,973	9	1,059	3,334	3,259	N/A	300	6,232	4,680

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950146061	2779	2590	189	5818
120950146071	2659	2363	296	4231
120950147041	2326	2040	286	3610
Totals:	7,764	6,993	771	13,659

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	32154	25.50574084	724	40	12.76445698	5818
120950146071	40850	30.3915063	413	47	9.76128575	4231
120950147041	51250	30.97932111	263	14	7.31368187	3610
Totals:	N/A	N/A	1,400	101	N/A	13,659

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.06036065	0.34204371	1.11773472	6.3338301	60	340	5818
120950146071	0.03353039	0.43589501	0.5597469	7.27670966	23	299	4231
120950147041	0.00541938	0.03319372	0.23054755	1.41210375	8	49	3610
Totals:	N/A	N/A	N/A	N/A	91	688	13,659

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.24063252	9.10965968	9.69405294	27.13991062	9.09247164	25.16215185
120950146071	0.1890806	4.51429922	7.98865516	18.97896478	4.58520444	16.74373327
120950147041	0.0	3.76731302	6.39889197	12.7700831	1.52354571	10.57636888

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.01408415	0.53318579	0.56739016	1.58849124	0.53217977	1.3269284
120950146071	0.01166274	0.27844798	0.49275088	1.17064779	0.28282151	1.00299587
120950147041	0.0	0.0921295	0.15648466	0.3122919	0.03725825	0.24861416

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	450	614	438	1631	1411	604	451	219
120950146071	122	241	398	1300	1014	563	448	145
120950147041	140	257	242	1301	813	486	270	101
Totals:	712	1,112	1,078	4,232	3,238	1,653	1,169	465

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	149	1269	957	128	51	36	82
120950146071	118	1315	827	95	8	0	45
120950147041	101	1058	762	99	20	0	14
Totals:	368	3,642	2,546	322	79	36	141

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2000 Population
120950146061031	52	1195
120950146061042	53	197
Totals:	N/A	1,392

Summary: 3.38 acres, 24.5 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950146061	3369	2934	435	6604
120950146071	3230	2414	816	4618
120950147041	6562	5057	1505	10808
Totals:	13,161	10,405	2,756	22,030

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	38973	9.40594059	1180	30	15.94810109	6604
120950146071	47470	21.05486126	425	22	9.04640272	4618
120950147041	51855	20.05902426	1442	0	13.29890252	10808
Totals:	N/A	N/A	3,047	52	N/A	22,030

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.37803527	0.93130565	5.55635943	13.68832296	384	946	875	6604
120950146071	0.11767508	0.46065489	1.83774092	7.19408337	82	321	279	4618
120950147041	0.24015319	0.33153892	3.23504151	4.46607501	339	468	708	10808
Totals:	N/A	N/A	N/A	N/A	805	1,735	1,862	22,030

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.46941248	4.08843125	31.28407026	30.19382193	10.46335554
120950146071	0.4980511	4.74231269	21.43785188	30.51104374	6.58293634
120950147041	0.27757217	8.03108808	16.92264989	23.96373057	10.23316062

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.03051847	0.26580605	2.03390853	1.96302692	0.6802666
120950146071	0.03300643	0.31427857	1.42071135	2.02200232	0.43625884
120950147041	0.02125249	0.61490552	1.29569377	1.83479872	0.78350864

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	512	896	510	1502	1346	889	681	268
120950146071	271	442	321	1065	941	653	665	260
120950147041	624	1403	595	2815	2450	1491	1089	341
Totals:	1,407	2,741	1,426	5,382	4,737	3,033	2,435	869

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	3245	2066	0	270	691	301	1994	31
120950146071	2867	990	6	219	304	209	1409	23
120950147041	6448	1829	11	868	1106	516	2590	30
Totals:	12,560	4,885	17	1,357	2,101	1,026	5,993	84

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	237	1454	1083	155	72	0	281
120950146071	149	1509	838	10	0	0	115
120950147041	259	2613	1909	147	72	0	252
Totals:	645	5,576	3,830	312	144	0	648

Summary: 13.77 acres, 100 percent of analysis area.

USCB 2010 Census Designated Places

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 13.77 acres, 100 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061032	7	90	2	348	626	0	363.0	616.0	685	29.9	141	1311	672.0
120950146061045	0	7	3	71	108	0	72.0	86.0	120	26.0	29	228	109.0
120950146061056	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950146071010	8	89	2	417	1029	0	613.0	1161.0	1047	31.4	132	2076	1321.0
120950147041080	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
120950147041083	0	8	2	3	20	0	9.0	29.0	25	30.3	7	45	27.0
120950147041084	0	9	2	47	111	0	71.0	117.0	131	26.5	26	242	151.0
120950147041097	0	0	0	0	0	0	0.0	0.0	0	0.0	0	0	0.0
Totals:	15	203	N/A	886	1,894	0	1,128	2,009	2,008	N/A	335	3,902	2,280

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2010 Population
120950146061032	65.5	1311
120950146061045	69.7	228
120950146071010	57.1	2076
120950147041083	48.9	45
120950147041084	56.6	242
Totals:	N/A	3,902

Summary: 9.07 acres, 65.9 percent of analysis area.

USCB 2020 Census Data Block Groups - Housing

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950146061	1123	1050	73	2704
120950146072	2077	1779	298	4227
120950147061	1180	998	182	2202
120950148123	924	840	84	1785
Totals:	5,304	4,667	637	10,918

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.26	2.33	23.15	44.82	26.18
120950146072	0.38	9.7	11.38	36.08	16.47
120950147061	0.36	3.86	11.85	41.96	16.58
120950148123	0.22	5.83	14.17	38.54	18.88

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.06	0.5	4.93	9.54	5.57
120950146072	0.03	0.87	1.02	3.24	1.48
120950147061	0.03	0.32	0.99	3.5	1.38
120950148123	0.02	0.49	1.19	3.24	1.59

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	179	502	114	387	568	463	354	137
120950146072	229	604	208	697	812	677	681	319
120950147061	103	347	124	350	505	367	294	112
120950148123	77	310	76	278	390	292	266	96
Totals:	588	1,763	522	1,712	2,275	1,799	1,595	664

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	571	626	10	63	708	719	1212	7
120950146072	1372	481	3	410	696	1249	1525	16
120950147061	735	261	0	85	365	748	924	8
120950148123	658	253	0	104	337	429	688	4
Totals:	3,336	1,621	13	662	2,106	3,145	4,349	35

Summary: 13.77 acres, 100 percent of analysis area.

USCB 2020 Census Urban Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name	Area of Interest	
	Acr	Pct
Orlando, FL Urban Area	13.77	100%
Totals	13.77	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061001	0	0	None	0	0	0	0	0	0	0	0	0	None
120950146061003	370	143	2.59	190	180	70	56	0	5	0	105	238	35.3
120950146061005	1414	525	2.69	719	695	300	431	3	41	4	330	604	32.6
120950146061011	28	0	None	11	17	3	2	0	0	0	6	15	30.0
120950146072002	39	3	13.0	10	29	17	4	0	7	0	5	7	44.4
120950146072003	0	0	None	0	0	0	0	0	0	0	0	0	None
120950147061002	1249	596	2.1	634	615	477	129	0	25	3	187	507	34.8
120950147061003	142	52	2.73	82	60	30	24	0	8	0	20	58	30.5
120950147061007	0	0	None	0	0	0	0	0	0	0	0	0	None
120950147061008	0	0	None	0	0	0	0	0	0	0	0	0	None
120950148123000	0	0	None	0	0	0	0	0	0	0	0	0	None
120950148123011	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
Totals:	3,242	1,319	N/A	1,646	1,596	897	646	3	86	7	653	1,429	N/A

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Census Block number	Percent Minority	2020 Population
120950146061003	87.57	370
120950146061005	84.72	1414
120950146061011	96.43	28
120950146072002	64.1	39
120950147061002	66.69	1249
120950147061003	83.1	142
Totals:	N/A	3,242

Summary: 6.41 acres, 46.6 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	2017	2018	2017	1622	1388	234	0
120950146072	2019	2016	2020	3958	2972	611	375
120950147061	2017	0	2017	1596	1420	176	0
120950148123	2019	2009	2020	1932	1382	154	396
Totals:	N/A	N/A	N/A	9,108	7,162	1,175	771

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	727	528	105	56	0	38
120950146072	1785	1451	259	75	0	0
120950147061	888	776	112	0	0	0
120950148123	835	564	200	52	19	0
Totals:	4,235	3,319	676	183	19	38

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Blockgroup number	Total # Housing Units	# Occupied Housing Units	# Vacant Housing Units	Total Population
120950146061	1025	727	298	1648
120950146072	2416	1785	631	3985
120950147061	1018	888	130	1596
120950148123	1029	835	194	1932
Totals:	5,488	4,235	1,253	9,161

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	44340	20.81	348	0	21.12	1648
120950146072	77712	29.99	299	104	7.5	3985
120950147061	83233	27.01	91	37	5.7	1596
120950148123	48516	21.89	476	0	24.64	1932
Totals:	N/A	N/A	1,214	141	N/A	9,161

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	727	691	36	727	672	19	36
120950146072	1785	1785	0	1785	1718	0	67
120950147061	888	888	0	888	888	0	0
120950148123	835	819	16	835	819	16	0
Totals:	4,235	4,183	52	4,235	4,097	35	103

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.23	1.02	1.91	8.5	29	129	428	1648
120950146072	0.21	0.84	2.8	11.0	101	397	475	3985
120950147061	0.28	0.39	4.75	6.53	75	103	353	1596
120950148123	0.5	1.46	5.63	16.51	106	311	342	1932
Totals:	N/A	N/A	N/A	N/A	311	940	1,598	9,161

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.0	0.0	40.05	46.0	7.58	2.66
120950146072	0.0	9.21	8.78	35.73	10.14	5.57
120950147061	0.0	5.01	9.34	39.35	20.49	11.76
120950148123	0.0	10.56	13.41	44.98	2.8	6.69

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	0.0	0.0	5.19	5.96	0.98	0.25
120950146072	0.0	0.78	0.74	3.03	0.86	0.36
120950147061	0.0	0.3	0.56	2.38	1.24	0.6
120950148123	0.0	0.96	1.22	4.09	0.25	0.41

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	131	195	54	475	354	167	191	81
120950146072	375	390	52	940	625	788	671	144
120950147061	18	164	9	107	448	535	245	70
120950148123	48	467	26	286	661	149	178	117
Totals:	572	1,216	141	1,808	2,088	1,639	1,285	412

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	164	660	0	0	125	699	758	0
120950146072	2085	350	0	367	404	779	1424	0
120950147061	598	149	0	80	327	442	628	0
120950148123	543	259	0	204	54	872	869	0
Totals:	3,390	1,418	0	651	910	2,792	3,679	0

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
120950146061	163	297	267	0	0	0	19
120950146072	207	784	720	65	9	0	0
120950147061	155	504	137	92	0	0	0
120950148123	41	495	281	18	0	0	8
Totals:	566	2,080	1,405	175	9	0	27

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1340: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)	0.01	0.07%
1330: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)	0.14	1.02%
6210: CYPRESS	0.09	0.65%
1410: RETAIL SALES AND SERVICES	0.17	1.24%
8140: ROADS AND HIGHWAYS	13.37	97.1%
Totals	13.77	-

WMD Residential Areas (FLUCCS Level 3)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1340: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)	0.01	0.07%
1330: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)	0.14	1.02%
Totals	0.15	-

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

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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	1
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	0
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	1
USFS National Wild and Scenic River Active Study Rivers		10/16/2025	0
WMD Water Management District Owned Lands		10/16/2025	0

FDEP NPDES Stormwater Permits

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Permittee and Permit ID	Permit ID
ORLANDO, CITY OF [FLS000014]	FLS000014

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

FEMA DFIRM 100 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

FEMA DFIRM 500 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 500 YEAR FLOODPLAIN	12.53	91.02%
500 YEAR FLOODPLAIN	1.24	8.98%
Totals	13.76	-

FEMA DFIRM Panel Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

FIRM Panel	Effective date
12095C0405F	2009-09-25 00:00:00

Summary: 13.77 acres, 100 percent of analysis area.

USCB 2010 Census Designated Places

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
Orlando

Summary: 13.77 acres, 100 percent of analysis area.

USEPA Sole Source Aquifers

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Aquifer
BISCAYNE AQUIFER SSA STREAMFLOW AND RECHARGE SOURCE ZONES

Summary: 13.77 acres, 100 percent of analysis area.

Description:
Project Type: Corridor Study (CORR)
Expiration: This AOI will be available in the EST until 11/01/2025
Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

Analysis Type	Date Run	Features within AOI	
		Count	
Water Resources			
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	
FDEP Adopted River Minimum Flows and Levels (MFLs) 	10/16/2025	0	
FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida 	10/16/2025	0	
FDEP Basin Management Action Plans (BMAP) Areas in Florida 	10/16/2025	1	
	10/16/2025	1	

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	2
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	1
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	0
FDEP STORET Stations		10/16/2025	0
FDEP Springs		10/16/2025	0
FDEP Springs Priority Focus Areas		10/16/2025	0
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	1
FDEP Waters Not Attaining Standards (WNAS)		10/16/2025	1
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	0
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	12
USEPA Sole Source Aquifers		10/16/2025	1
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	1
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 Basin Management Action Plans (BMAP) Areas in Florida

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

TMDL Basin Rotation Group	Description	Type	Status
LAKE OKEECHOBEE	LAKE OKEECHOBEE	SURFACE WATER BMAP	ADOPTED BMAPS

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Water Management District (Cumulative Impact Basin Name)	Area of Interest	
	Acr	Pct
SFWMD (SHINGLE CREEK)	13.77	100%
Totals	13.77	-

FDEP DRASTIC Coverage for the Floridan Aquifer System

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Index Score (Sum of Weighted Scores)	Area of Interest	
	Acr	Pct
91	10.11	73.42%
111	3.66	26.58%
Totals	13.77	-

FDEP DRASTIC Coverage for the Surficial Aquifer System

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Index Score (Sum of Weighted Scores)	Area of Interest	
	Acr	Pct
184	13.67	99.27%
179	0.1	0.73%
Totals	13.77	-

FDEP Floridan Aquifer System FAVA II Response Theme

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
MOST VULNERABLE	13.79	100.0%
Totals	13.79	-

FDEP HUC 12 Subwatershed Boundaries

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

HUC12 ID	Name
030901010301	BIG SAND LAKE

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	14.23	100.0%
Totals	14.23	-

FDEP Surficial Aquifer System FAVA II Response Theme

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	0.67	4.76%
MOST VULNERABLE	13.34	95.24%
Totals	14.01	-

FDEP Waterbody IDs

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID
SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name (WBID)	Area of Interest	
	Acr	Pct
SHINGLE CREEK HEADWATERS [WBID: 3169G1]	13.77	100%
Totals	13.77	-

FEMA DFIRM (SFHA) 100 Year Flood Zones

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

FEMA DFIRM 100 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

FEMA DFIRM 500 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 500 YEAR FLOODPLAIN	12.53	91.02%
500 YEAR FLOODPLAIN	1.24	8.98%
Totals	13.76	-

SFWMD Arc Hydro Enhanced Database (AHED) Watersheds

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Watershed name	Area of Interest	
	Acr	Pct
SHINGLE CREEK	13.77	100%
Totals	13.77	-

SFWMD North/South Everglades and NEEPP Boundaries

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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]	13.77	100%
Totals	13.77	-

SFWMD Rule 40E-4 Cumulative Impact Basins

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Rule 40E-4 Cumulative Impact Basins	Area of Interest	
	Acr	Pct
SHINGLE CREEK	13.77	100%
Totals	13.77	-

SWFWMD Recharge Areas of the Floridan Aquifer

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RECHARGE/1 TO 10	13.77	100%
Totals	13.77	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name	Permit or Program Type
110028289992	BANK ATLANTIC AT METROWEST	STORM WATER CONSTRUCTION
110028289992	BANK ATLANTIC AT METROWEST	ICIS-NPDES NON-MAJOR
110028302762	STUDIO PARC CONDOMINIUMS	STORM WATER CONSTRUCTION
110028302762	STUDIO PARC CONDOMINIUMS	ICIS-NPDES NON-MAJOR
110054121534	AUTO ZONE #4956 - KIRKMAN ROAD	ICIS-NPDES NON-MAJOR
110054121534	AUTO ZONE #4956 - KIRKMAN ROAD	STORM WATER CONSTRUCTION
110054128984	AUTO ZONE #4960	ICIS-NPDES NON-MAJOR
110054128984	AUTO ZONE #4960	STORM WATER CONSTRUCTION
110057189420	LA FITNESS AT KIRKMAN SHOPPES	ICIS-NPDES NON-MAJOR
110057189420	LA FITNESS AT KIRKMAN SHOPPES	STORM WATER CONSTRUCTION
110060363903	WALGREENS AT KIRKMAN AND CONROY	ICIS-NPDES NON-MAJOR
110060363903	WALGREENS AT KIRKMAN AND CONROY	STORM WATER CONSTRUCTION

Summary: 12 feature(s) found within buffer.

USEPA Sole Source Aquifers

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Aquifer
BISCAYNE AQUIFER SSA STREAMFLOW AND RECHARGE SOURCE ZONES

Summary: 13.77 acres, 100 percent of analysis area.

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
SHINGLE CREEK HEADWATERS	Y	N	Y	5	N	N	https://mywaterway.epa.gov/waterbody-report/21FL303D/FL3169G1/2022

Summary: 13.77 acres, 100 percent of analysis area.

USGS Geologic Units and Structural Features

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
UNDIFFERENTIATED SEDIMENTS	13.77	100%
Totals	13.77	-

USGS Principal Aquifers of the State of Florida

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SURFICIAL AQUIFER SYSTEM	13.77	100%
Totals	13.77	-

USGS Township Range Section

USGS Public Land Surveys, Township Range Section

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Township, Range, Section

23S28E12

23S28E13

23S29E07

23S29E18

Summary: 13.77 acres, 100 percent of analysis area.

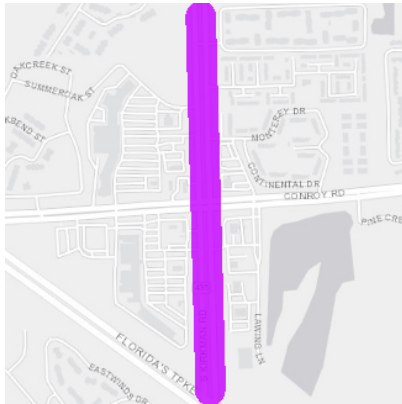
MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

Description:
Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	1
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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Summary: 13.77 acres, 100 percent of analysis area.

UFCLCP Florida Ecological Greenways Network

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUT	14.01	100.0%
Totals	14.01	-

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
FDEP Adopted River Minimum Flows and Levels (MFLs)		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida	i	10/16/2025	0
FDEP Basin Management Action Plans (BMAP) Areas in Florida	i	10/16/2025	1
FDEP NPDES Stormwater Permits	i	10/16/2025	1
FDEP Restoration Area Plans and Non-BMAP TMDL Implementation	i	10/16/2025	0
FDEP Verified Impaired Florida Waters	i	10/16/2025	0
FDEP Waterbody IDs	i	10/16/2025	1
FDEP Watershed Information Network (WIN) Monitoring Locations	i	10/16/2025	0
USEPA National Pollutant Discharge Elimination System (NPDES)	i	10/16/2025	12
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
Government Water Quality Programs			

Analysis Type		Date Run	Count
Government Water Quality Programs			
FDEP Mitigation Bank Service Areas		10/16/2025	9
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 Basin Management Action Plans (BMAP) Areas in Florida

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

TMDL Basin Rotation Group	Description	Type	Status
LAKE OKEECHOBEE	LAKE OKEECHOBEE	SURFACE WATER BMAP	ADOPTED BMAPS

Summary: 13.77 acres, 100 percent of analysis area.

FDEP NPDES Stormwater Permits

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Permittee and Permit ID	Permit ID
ORLANDO, CITY OF [FLS000014]	FLS000014

Summary: 13.77 acres, 100 percent of analysis area.

FDEP Waterbody IDs

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID

SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name	Permit or Program Type
110028289992	BANK ATLANTIC AT METROWEST	STORM WATER CONSTRUCTION
110028289992	BANK ATLANTIC AT METROWEST	ICIS-NPDES NON-MAJOR
110028302762	STUDIO PARC CONDOMINIUMS	STORM WATER CONSTRUCTION
110028302762	STUDIO PARC CONDOMINIUMS	ICIS-NPDES NON-MAJOR
110054121534	AUTO ZONE #4956 - KIRKMAN ROAD	ICIS-NPDES NON-MAJOR
110054121534	AUTO ZONE #4956 - KIRKMAN ROAD	STORM WATER CONSTRUCTION
110054128984	AUTO ZONE #4960	ICIS-NPDES NON-MAJOR
110054128984	AUTO ZONE #4960	STORM WATER CONSTRUCTION
110057189420	LA FITNESS AT KIRKMAN SHOPPES	ICIS-NPDES NON-MAJOR
110057189420	LA FITNESS AT KIRKMAN SHOPPES	STORM WATER CONSTRUCTION
110060363903	WALGREENS AT KIRKMAN AND CONROY	ICIS-NPDES NON-MAJOR
110060363903	WALGREENS AT KIRKMAN AND CONROY	STORM WATER CONSTRUCTION

Summary: 12 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
MOST VULNERABLE	13.79	100.0%
Totals	13.79	-

FDEP Intermediate Aquifer System FAVA II Response Theme

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	14.23	100.0%
Totals	14.23	-

FNAI CLIP Version 4 Aquifer Recharge

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
PRIORITY 3	6	43.9%
PRIORITY 4	7.67	56.1%
Totals	13.68	-

SWFWMD Recharge Areas of the Floridan Aquifer

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RECHARGE/1 TO 10	13.77	100%
Totals	13.77	-

FDEP Mitigation Bank Service Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Bank Name	Permitting Agency	Permit Number
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

Summary: 123.95 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
NRCS Summary of Specific Soils - SSURGO		10/16/2025	4
NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data		10/16/2025	2
NRCS Prime Farm Land - Subset of NRCS Specific Soils Data		10/16/2025	0
Floodplain, FEMA FIRMs			
Floodplain, FEMA FIRMs			
FEMA DFIRM (SFHA) 100 Year Flood Zones		10/16/2025	N/A
FEMA DFIRM 100 Year Floodplain		10/16/2025	N/A
		10/16/2025	N/A

Analysis Type		Date Run	Count
FEMA DFIRM 500 Year Floodplain	i		
FEMA DFIRM Panel Areas	i	10/16/2025	1
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	3
GEOPLAN GeoPlan Future Land Use 2020 - Level 2	i	10/16/2025	5

FDEP Environmental Geology

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Geologic Category	Area of Interest	
	Acr	Pct
MED. FINE SAND AND SILT	13.77	100%
Totals	13.77	-

FWC Florida Cooperative Land Cover Grid - Version 3.8

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
1822 - HIGH INTENSITY URBAN	0.22	1.62%
1840 - TRANSPORTATION	13.37	97.48%
2211 - CYPRESS	0.12	0.9%
Totals	13.71	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	4.89	35.52%
Totals	13.77	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
Totals	8.89	-

FEMA DFIRM (SFHA) 100 Year Flood Zones

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

FEMA DFIRM 100 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

FEMA DFIRM 500 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 500 YEAR FLOODPLAIN	12.53	91.02%
500 YEAR FLOODPLAIN	1.24	8.98%
Totals	13.76	-

FEMA DFIRM Panel Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

FIRM Panel	Effective date
12095C0405F	2009-09-25 00:00:00

Summary: 13.77 acres, 100 percent of analysis area.

FNAI CLIP Version 4 Natural Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

GEOPLAN Generalized Land Use

Metadata: https://etdmpub.florida-land.com/meta/lu_gen.xml

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RESIDENTIAL	0.06	0.44%
RETAIL/OFFICE	0.21	1.52%
Totals	0.26	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

Metadata: https://etdmpub.florida-land.com/meta/flu_l2_2020.xml

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	0.09	0.65%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.16	1.16%
RESIDENTIAL HIGH (> 12 DU/AC)	0.05	0.36%
TRANSPORTATION/UTILITIES	13.46	97.75%
Totals	13.77	-

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	0
SJRWMD Spring Capture Zones (Springsheds)		10/16/2025	0
Aquifers			
Aquifers			
		10/16/2025	N/A

Analysis Type		Date Run	Count
FDEP Surficial Aquifer System FAVA II Response Theme	i		
USEPA Sole Source Aquifers	i	10/16/2025	1
USGS Principal Aquifers of the State of Florida	i	10/16/2025	1
Waterbody Information and Designations			
Waterbody Information and Designations			
FDEP List of Aquatic Preserves	i	10/16/2025	0
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
		10/16/2025	0

Analysis Type		Date Run	Count
USFWS National Wetlands Inventory Areas	i		
WMD Wetlands (FLUCCS Level 3)	i	10/16/2025	1
Contamination			
Contamination			
FDEP Brownfield Location Boundaries	i	10/16/2025	0
FDEP Dry Cleaning Program 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	0
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	1
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	1
FDEP Treaters, Storsers, 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 Surficial Aquifer System FAVA II Response Theme

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	0.67	4.76%
MOST VULNERABLE	13.34	95.24%
Totals	14.01	-

USEPA Sole Source Aquifers

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Aquifer
BISCAYNE AQUIFER SSA STREAMFLOW AND RECHARGE SOURCE ZONES

Summary: 13.77 acres, 100 percent of analysis area.

USGS Principal Aquifers of the State of Florida

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SURFICIAL AQUIFER SYSTEM	13.77	100%
Totals	13.77	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Significant Surface Waters

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Surface Water Resource Priorities

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Wetlands

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

WMD Wetlands (FLUCCS Level 3)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
6210: CYPRESS	0.09	0.65%
Totals	0.09	-

FDEP Petroleum Contamination Monitoring Sites

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Cleanup Status	Facility ID	Name	Google Map
NO CLEANUP REQUIRED	9806213	BENTON EXPRESS	https://www.google.com/maps/place/17RMM5508251564

Summary: 1 feature(s) found within buffer.

FDEP Storage Tank Contamination Monitoring (STCM)

FDEP Storage Tank Contamination Monitoring

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

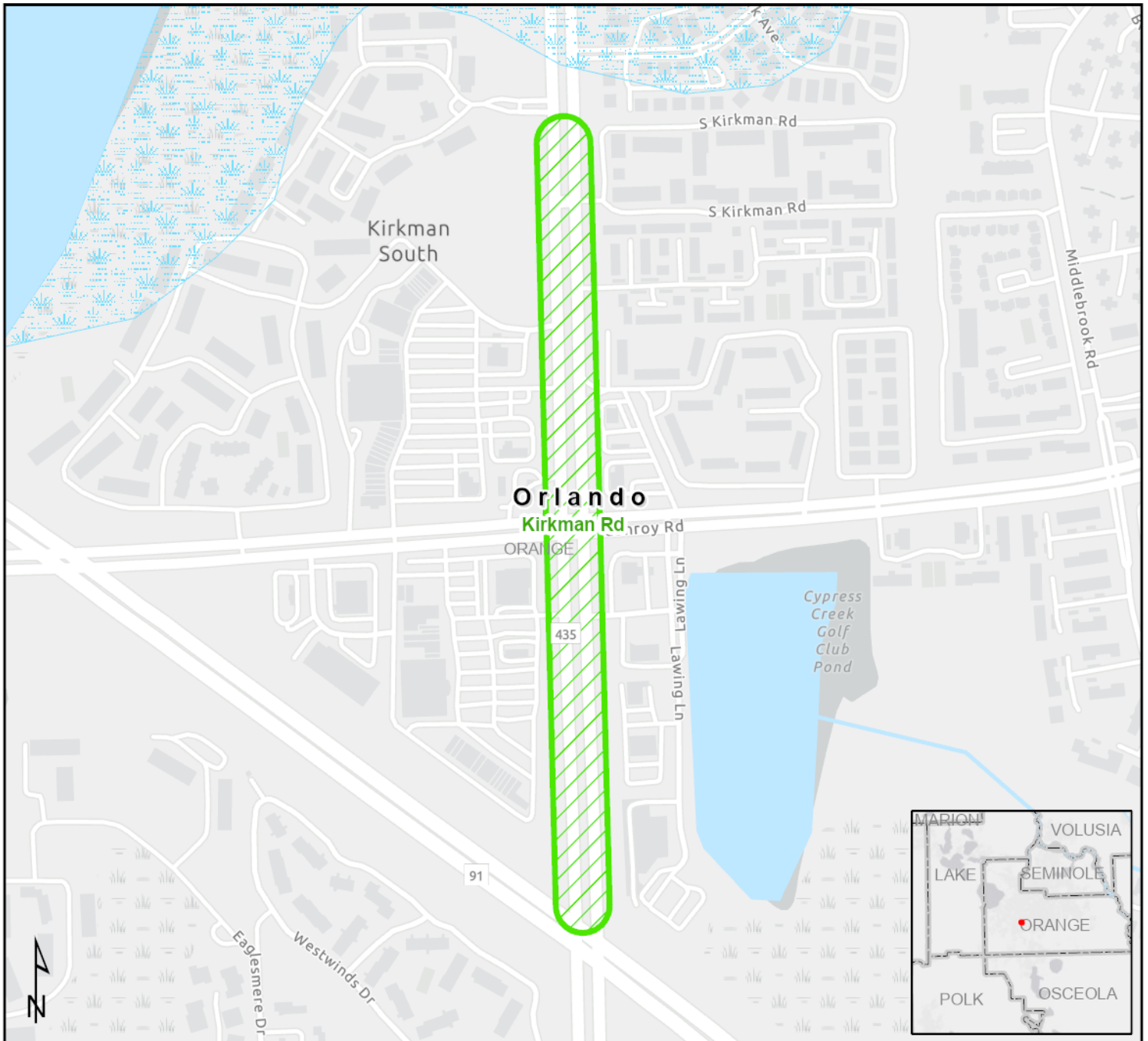
MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Status	Site type	Google Map
9806213	CLOSED	EMERGENCY RESPONSE SPILL SITE	https://www.google.com/maps/place/17RMM5508251564

Summary: 1 feature(s) found within buffer.

Kirkman Rd
AOI



WATERSS Base Map

- Area of Interest
- County Boundaries
- River, Stream or Canal
- Swamp/Marsh

0 250 500 US Feet

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

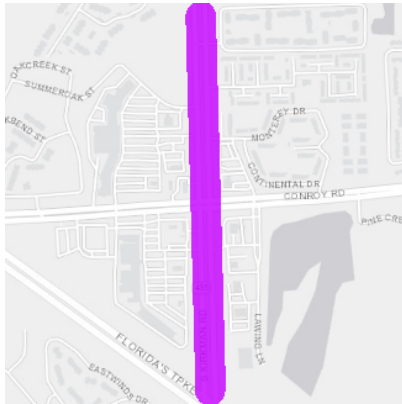
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



Analysis Type	Date Run	Features within AOI	
		Count	
Wetlands and Surface Waters			
FDEP Cumulative Impact Basins from Water Management Districts		10/16/2025	1
FDEP Mitigation Bank Service Areas		10/16/2025	9
FDEP Mitigation Banks		10/16/2025	0
FDEP Submerged State Land Records (TIITF)		10/16/2025	0
FNAI Public Lands in Florida		10/16/2025	0
FWRI Mangroves		10/16/2025	0
FWRI Saltwater Marshes		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	2
NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data		10/16/2025	2
NRCS List of Specific Soils - SSURGO		10/16/2025	4
NRCS Summary of Specific Soils - SSURGO		10/16/2025	4
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	0
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	1
USFWS National Wetlands Inventory Areas		10/16/2025	0
USGS Township Range Section		10/16/2025	4
WMD Water Management District Boundaries		10/16/2025	1
WMD Wetlands (FLUCCS Level 3)		10/16/2025	1

FDEP Cumulative Impact Basins from Water Management Districts

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Water Management District (Cumulative Impact Basin Name)	Area of Interest	
	Acr	Pct
SFWMD (SHINGLE CREEK)	13.77	100%
Totals	13.77	-

FDEP Mitigation Bank Service Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Bank Name	Permitting Agency	Permit Number
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

Summary: 123.95 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
323155	SAMSULA	85	SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	5107	VERY POORLY DRAINED	CONSOCIATION	A/D

Summary: 8.89 acres, 64.6 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
Totals	8.89	-

NRCS List of Specific Soils - SSURGO

NRCS List of Specific Soils characteristics

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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
323143	BASINGER	90	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	33228	YES	POORLY DRAINED	CONSOCIATION
323155	SAMSULA	85	SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES	5107	YES	VERY POORLY DRAINED	CONSOCIATION
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

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	4.89	35.52%
Totals	13.77	-

SFWMD North/South Everglades and NEEPP Boundaries

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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]	13.77	100%
Totals	13.77	-

USEPA Sole Source Aquifers

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Aquifer
BISCAYNE AQUIFER SSA STREAMFLOW AND RECHARGE SOURCE ZONES

Summary: 13.77 acres, 100 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Township, Range, Section
23S28E12
23S28E13
23S29E07
23S29E18

Summary: 13.77 acres, 100 percent of analysis area.

WMD Water Management District Boundaries

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Summary: 13.77 acres, 100 percent of analysis area.

WMD Wetlands (FLUCCS Level 3)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

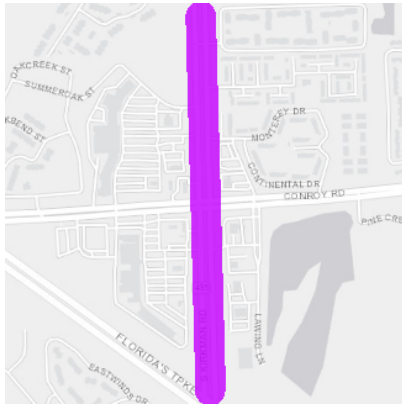
Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
6210: CYPRESS	0.09	0.65%
Totals	0.09	-

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

Description:**Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/01/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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		10/16/2025	0
GEOPLAN Florida Wildlife Corridor Opportunities		10/16/2025	0
UFCLCP Florida Ecological Greenways Network		10/16/2025	N/A
UFCLCP Wildlife Corridors in Florida		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		10/16/2025	0
FNAI Florida Forever Acquisitions	i	10/16/2025	0
FNAI Florida Forever BOT Projects		10/16/2025	0
FNAI Florida Managed Areas	i	10/16/2025	0
FNAI Impact on Prescribed Burning		10/16/2025	0
FNAI Public Lands in Florida	i	10/16/2025	0
FNAI State Managed Conservation Lands		10/16/2025	0
FWC Management Areas	i	10/16/2025	0
GEOPLAN State Owned Parks and Recreational Facilities		10/16/2025	0
NPS National Parks and Seashores	i	10/16/2025	0
USFWS National Wildlife Refuges		10/16/2025	0
WMD Water Management District Owned Lands	i	10/16/2025	0

UFCLCP Florida Ecological Greenways Network

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUT	14.01	100.0%
Totals	14.01	-

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		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
FWC Bear Crossing Sign Locations		10/16/2025	0
FWC Bear Fencing Opportunities		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	6
Future Development			
These layers represent potential future land uses.			
GEOPLAN GeoPlan Future Land Use 2020 - Level 2	i	10/16/2025	5
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	9
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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1340: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)	0.01	0.07%
1330: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)	0.14	1.02%
6210: CYPRESS	0.09	0.65%
1410: RETAIL SALES AND SERVICES	0.17	1.24%
8140: ROADS AND HIGHWAYS	13.37	97.1%
Totals	13.77	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	0.09	0.65%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.16	1.16%
RESIDENTIAL HIGH (> 12 DU/AC)	0.05	0.36%
TRANSPORTATION/UTILITIES	13.46	97.75%
Totals	13.77	-

FEMA DFIRM 100 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FWC Black Bear Range

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
FREQUENT

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
LITTLE BLUE HERON (THREATENED)	13.77	100%
ROSEATE SPOONBILL (THREATENED)	13.77	100%
TRICOLORED HERON (THREATENED)	13.77	100%
BURROWING OWL (THREATENED)	13.77	100%
FLORIDA PINE SNAKE (THREATENED)	13.77	100%
FLORIDA SANDHILL CRANE (THREATENED)	13.77	100%
SOUTHEASTERN AMERICAN KESTREL (THREATENED)	13.77	100%
SHORT-TAILED SNAKE (THREATENED)	13.77	100%
GOPHER TORTOISE (THREATENED)	13.77	100%
Totals	123.95	-

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.

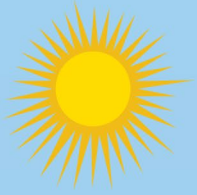
Existing Structure Retrofitting - Existing bridges and culverts can be considered for enhancement or replacement for crossings. They can come in many shapes, sizes, and materials and may be tied to waterways, which serve as important passages for both terrestrial and aquatic species. Retrofitting can 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.			
FDOT Shared-Use Nonmotorized (SUN) Trail Network in Florida		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
USFS Florida National Scenic Trail		10/16/2025	0
Structures			
Bridges, dams and other related structures.			
BTS National Bridge Inventory		10/16/2025	0
USACE Major Dams		10/16/2025	0
Utilities			
Layers associated with utility infrastructure.			

Analysis Type		Date Run	Count
ORNL Electric Power Transmission Lines		10/16/2025	0
USEIA Natural Gas Pipelines		10/16/2025	0



C.3 Cultural Resources Data Report



MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

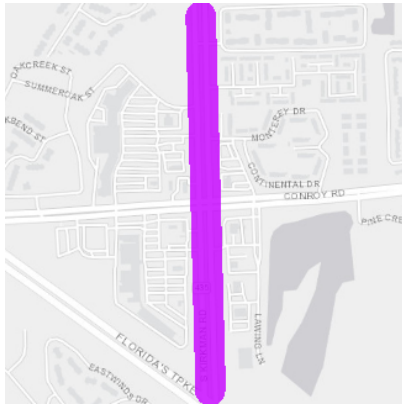
Description:

Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



Analysis Type	Date Run	Features within AOI	
		Count	
Cultural Resources Data Report			
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	5
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	0
		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	0
GEOPLAN List Year Built (housing stock aged 45 - 49 years)	i	10/16/2025	0
GEOPLAN Local Florida Parks and Recreational Facility Boundaries	i	10/16/2025	0
GEOPLAN Summary - Year Built (Post 1970)	i	10/16/2025	4
GEOPLAN Summary - Year Built (Pre 1970)	i	10/16/2025	0
GEOPLAN Summary Year Built (housing stock aged 40 - 44 years)	i	10/16/2025	0
GEOPLAN Summary Year Built (housing stock aged 45 - 49 years)	i	10/16/2025	0

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
NO FIELD SURVEY PRESENT	7.41	53.81%
Totals	7.41	-

BAR Florida Site File Field Survey Project Boundaries

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Title	Publication Date	Manuscript Number
AN ARCHAEOLOGICAL AND HISTORICAL ASSESSMENT FOR THE MCCLEOD CELLULAR TOWER, ORANGE COUNTY, FLORIDA	2004	10427.0
ARCHAEOLOGICAL AND HISTORICAL SURVEY OF SOUTHWEST ORANGE COUNTY 201 FACILITIES PLAN, PHASE II	1984	999.0
CULTURAL RESOURCE ASSESSMENT SURVEY OF FLORIDA'S TURNPIKE MAINLINE PD&E STUDY FROM US 192 TO SR 50 (CLERMONT), ORANGE AND OSCEOLA COUNTIES	2003	9230.0
HISTORICAL, ARCHITECTURAL AND ARCHAEOLOGICAL SURVEY OF ORLANDO, FLORIDA	1978	17.0
PROPOSED CELLULAR TOWER: "EAST TURKEY LAKE" TOWER SITE	2002	8602.0

Summary: 23.65 acres, 100 percent of analysis area.

GEOPLAN Summary - Year Built (Post 1970)

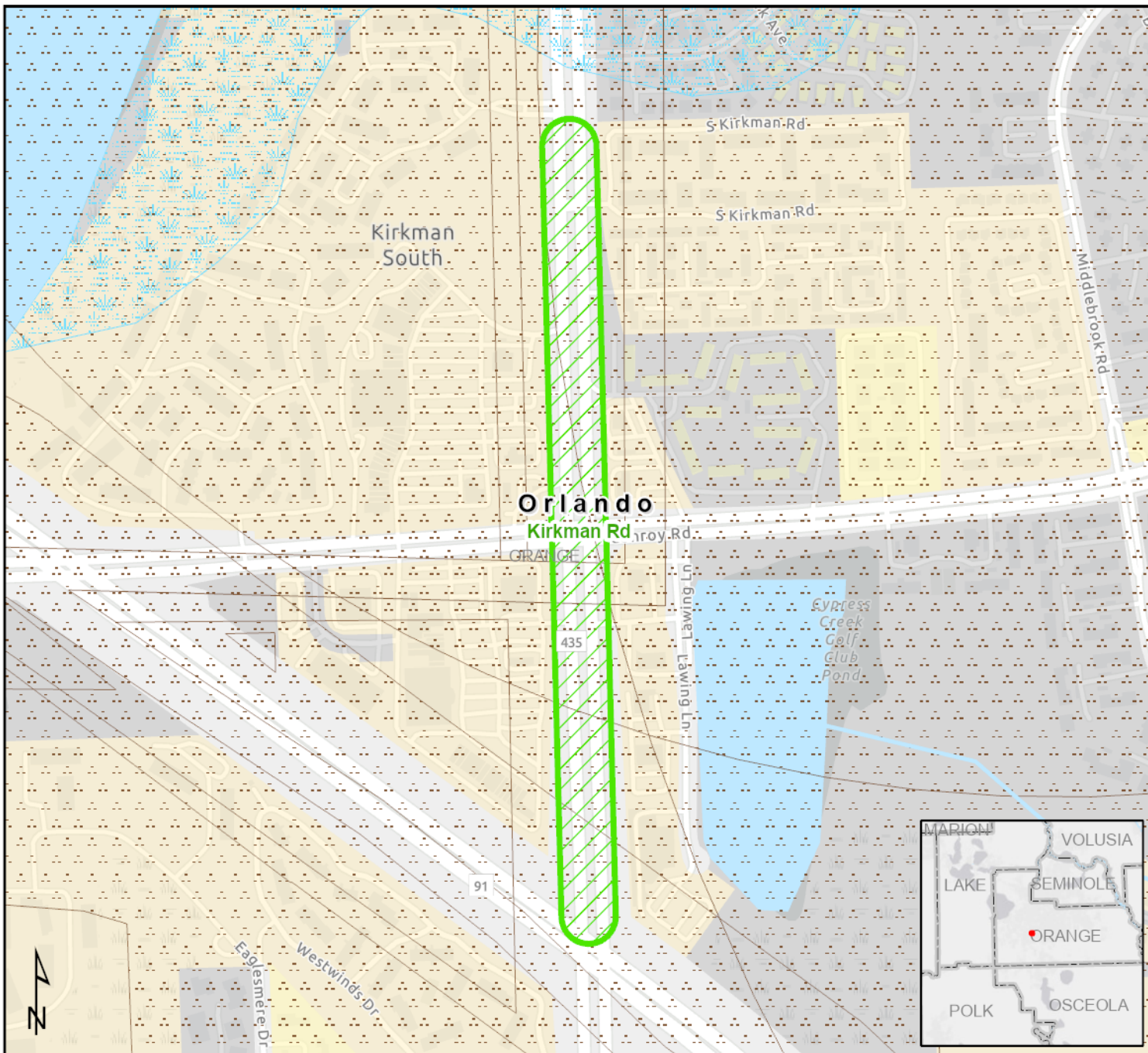
Metadata: https://etdmpub.fl-a-etat.org/meta/yb_decades.xml

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Decade Built	Area of Interest	
	Acr	Pct
1980 - 1989	0.15	1.09%
1990 - 1999	0.08	0.59%
2010 - 2019	0.04	0.29%
Totals	0.26	-

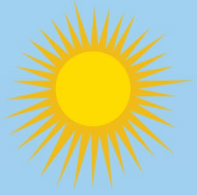
Kirkman Rd
AOI



Cultural Resource Map

- Area of Interest
- County Boundaries
- River, Stream or Canal
- Cultural Resource Field Survey Area
- Swamp/Marsh
- Parcels (Forty to Forty-nine years old)
- Pre & Post 1970
- Post 1970
- Parcels with no values

0 250 500 US Feet



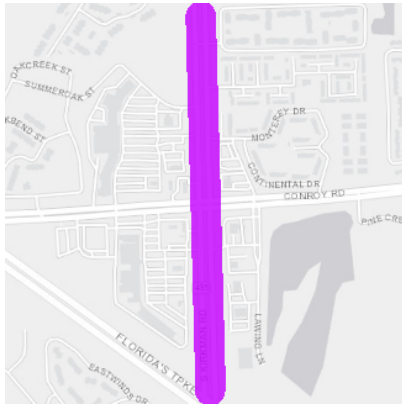
C.4 Wildlife Crossings Potential Report



MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

Description:**Project Type:** Corridor Study (CORR)**Expiration:** This AOI will be available in the EST until 11/01/2025**Last updated:** David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



Overview

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Tier 1, Wildlife Connectivity Property Boundaries/Ownership & FL Ecological Greenway Network Rating

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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)?

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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		10/16/2025	0
GEOPLAN Florida Wildlife Corridor Opportunities		10/16/2025	0
UFCLCP Florida Ecological Greenways Network		10/16/2025	N/A
UFCLCP Wildlife Corridors in Florida		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		10/16/2025	0
FNAI Florida Forever Acquisitions	i	10/16/2025	0
FNAI Florida Forever BOT Projects		10/16/2025	0
FNAI Florida Managed Areas	i	10/16/2025	0
FNAI Impact on Prescribed Burning		10/16/2025	0
FNAI Public Lands in Florida	i	10/16/2025	0
FNAI State Managed Conservation Lands		10/16/2025	0
FWC Management Areas	i	10/16/2025	0
GEOPLAN State Owned Parks and Recreational Facilities		10/16/2025	0
NPS National Parks and Seashores	i	10/16/2025	0
USFWS National Wildlife Refuges		10/16/2025	0
WMD Water Management District Owned Lands	i	10/16/2025	0

UFCLCP Florida Ecological Greenways Network

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUT	14.01	100.0%
Totals	14.01	-

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		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
FWC Bear Crossing Sign Locations		10/16/2025	0
FWC Bear Fencing Opportunities		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)	10/16/2025	6
Future Development		
These layers represent potential future land uses.		
GEOPLAN GeoPlan Future Land Use 2020 - Level 2	10/16/2025	5
Water / Wetlands (Hydrology)		
Layers associated with Wetlands and hydrology.		
FEMA DFIRM 100 Year Floodplain	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	10/16/2025	N/A
Species Occurrence Data		
Layers associated with species occurrence, range and consultation areas.		
FWC Black Bear Range	10/16/2025	1
FWC State Imperiled Species in Florida	10/16/2025	9
USFWS Critical Habitat (Designated Species)	10/16/2025	0

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
1340: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)	0.01	0.07%
1330: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)	0.14	1.02%
6210: CYPRESS	0.09	0.65%
1410: RETAIL SALES AND SERVICES	0.17	1.24%
8140: ROADS AND HIGHWAYS	13.37	97.1%
Totals	13.77	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	0.09	0.65%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.16	1.16%
RESIDENTIAL HIGH (> 12 DU/AC)	0.05	0.36%
TRANSPORTATION/UTILITIES	13.46	97.75%
Totals	13.77	-

FEMA DFIRM 100 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FWC Black Bear Range

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name
FREQUENT

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
LITTLE BLUE HERON (THREATENED)	13.77	100%
ROSEATE SPOONBILL (THREATENED)	13.77	100%
TRICOLORED HERON (THREATENED)	13.77	100%
BURROWING OWL (THREATENED)	13.77	100%
FLORIDA PINE SNAKE (THREATENED)	13.77	100%
FLORIDA SANDHILL CRANE (THREATENED)	13.77	100%
SOUTHEASTERN AMERICAN KESTREL (THREATENED)	13.77	100%
SHORT-TAILED SNAKE (THREATENED)	13.77	100%
GOPHER TORTOISE (THREATENED)	13.77	100%
Totals	123.95	-

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.

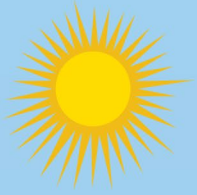
Existing Structure Retrofitting - Existing bridges and culverts can be considered for enhancement or replacement for crossings. They can come in many shapes, sizes, and materials and may be tied to waterways, which serve as important passages for both terrestrial and aquatic species. Retrofitting can 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.			
FDOT Shared-Use Nonmotorized (SUN) Trail Network in Florida		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
USFS Florida National Scenic Trail		10/16/2025	0
Structures			
Bridges, dams and other related structures.			
BTS National Bridge Inventory		10/16/2025	0
USACE Major Dams		10/16/2025	0
Utilities			
Layers associated with utility infrastructure.			

Analysis Type		Date Run	Count
ORNL Electric Power Transmission Lines		10/16/2025	0
USEIA Natural Gas Pipelines		10/16/2025	0



C.5 Resilience Report



Resilience Report

Project and Feature Information

Project Description

Project Name: MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection)
Description:
Date Created: 10/16/2025
Project Number: #37818

Alternative Information

Alternative Name: Kirkman Rd
Alternative Number: #2
Acres: 13.77

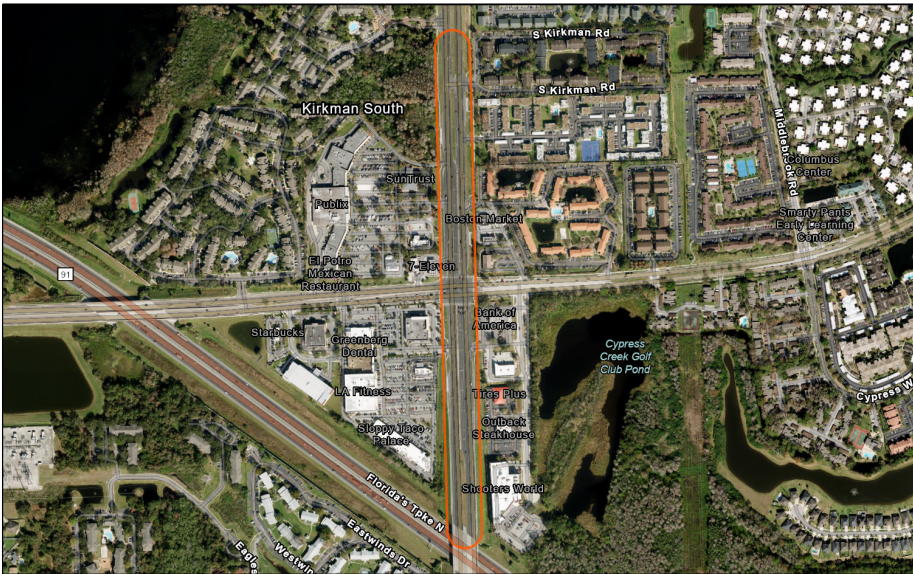
Region and Location Information

DOT District 5
Orange County
South Florida Water Management District
Metroplan Orlando
USCG District 7

Location Maps

[VIEW RESILIENCE REPORT MAP LAYERS VIA EST MAP VIEWER](#) (Requires EST Login)

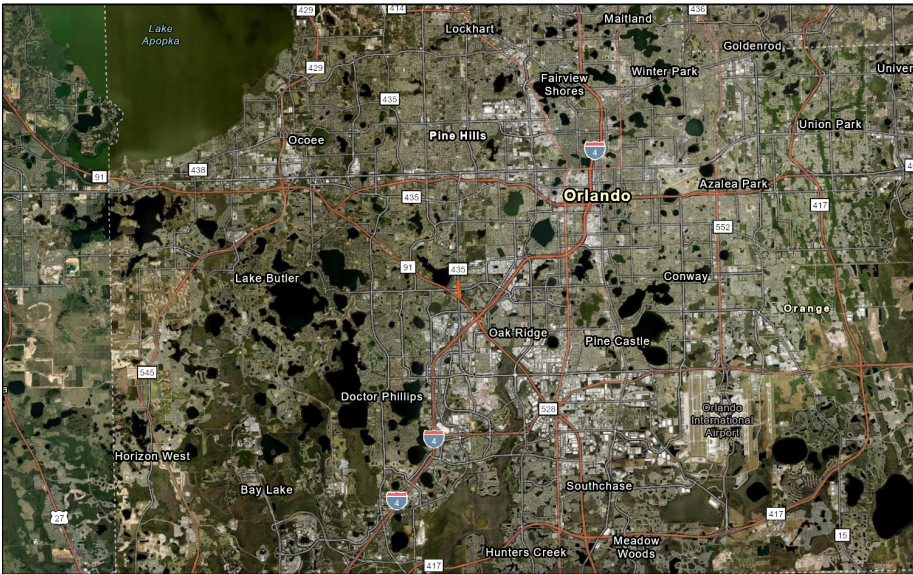
Analysis Area



October 16, 2025

1:6,375
0 0.05 0.1 0.2 mi
0 0.07 0.15 0.3 km
State of Florida, Maxar, Esri Community Maps Contributors, FDEP, ©
OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph,
GeoPlan Center
Copyright GeoPlan Center

Context Map



October 16, 2025

1:200,000
0 1.75 3.5 7 mi
0 2.75 5.5 11 km
FDEP, Esri, TomTom, Garmin, SafeGraph, METINASA, USGS, EPA, NPS,
USDA, USFWS, Earthstar Geographics
GeoPlan Center
Copyright GeoPlan Center

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	13.84	100.0%

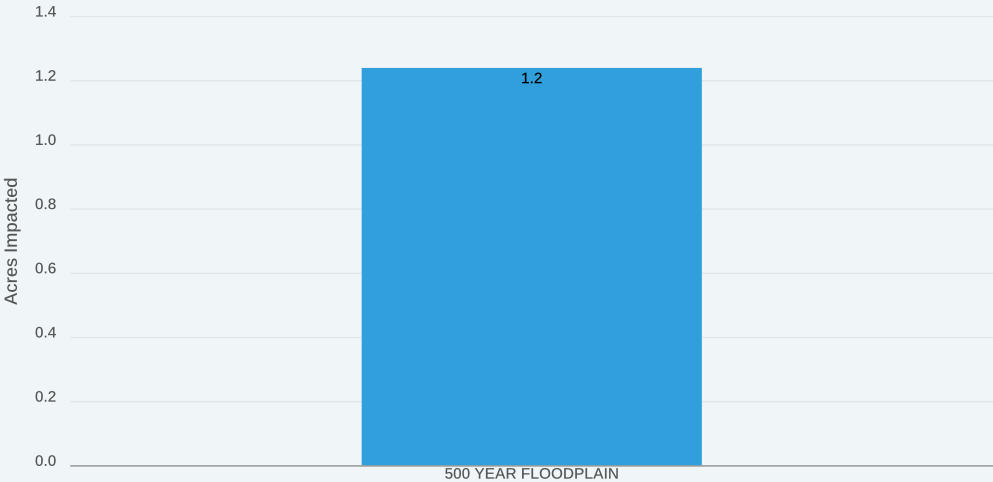
FEMA Flood Hazard Zones

1% & 0.2% Annual Chance Flood Exposure

Description	Acres	Percent
500 YEAR FLOODPLAIN	1.24	8.98%
OUTSIDE FLOODPLAIN	12.53	91.02%

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.



Extreme Heat

Historic Data (1976 - 2005)
Annual Days Above 95 degrees F

Min Days	Max Days
7	7

Projections for Early Century (2016 - 2045)
Change in Annual Days Above 95 degrees F

Min Change In Days	Max Change In Days
30	31

Projections for Mid-Century (2036 - 2065)
Change in Annual Days Above 95 degrees F

Min Change In Days	Max Change In Days
51	51

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 2	1.33	9.84%
Level 3	0.44	3.28%
No data available	11.79	86.89%

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
2: Favorable	9.88	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
12095014606	Very High	4.94
12095014607	Relatively High	5.01
12095014706	Relatively High	3.79
12095014812	Relatively High	0.03

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

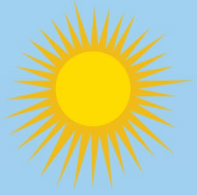
Census Tract	Strong Wind - Hazard Type Risk Index Rating	Acres
12095014606	Relatively Moderate	4.94
12095014607	Relatively Low	5.01
12095014706	Relatively Low	3.79
12095014812	Relatively Moderate	0.03

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).

User Guides and Documentation

Please see the following User Guides for more information about the data:

- [Resilience Report - Quick Guide](#)
- [Resilience Report - User Guide](#)



C.6 WATERSS Report



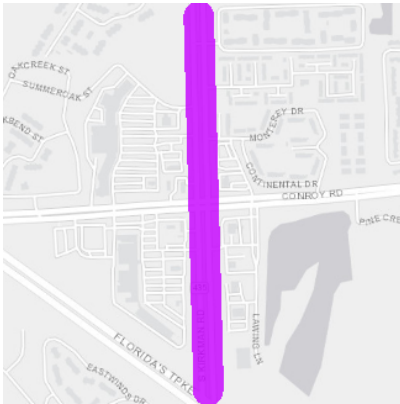
MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) Area of Interest

Description:
Project Type: Corridor Study (CORR)

Expiration: This AOI will be available in the EST until 11/01/2025

Last updated: David E Williams @ FDOT District 5 on Thu Oct 16 16:46:24 EDT 2025

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd



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	1
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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Summary: 13.77 acres, 100 percent of analysis area.

UFCLCP Florida Ecological Greenways Network

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUT	14.01	100.0%
Totals	14.01	-

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
FDEP Adopted River Minimum Flows and Levels (MFLs)		10/16/2025	0

Analysis Type		Date Run	Count
FDEP Adopted Total Maximum Daily Loads (TMDLs) in Florida	i	10/16/2025	0
FDEP Basin Management Action Plans (BMAP) Areas in Florida	i	10/16/2025	1
FDEP NPDES Stormwater Permits	i	10/16/2025	1
FDEP Restoration Area Plans and Non-BMAP TMDL Implementation	i	10/16/2025	0
FDEP Verified Impaired Florida Waters	i	10/16/2025	0
FDEP Waterbody IDs	i	10/16/2025	1
FDEP Watershed Information Network (WIN) Monitoring Locations	i	10/16/2025	0
USEPA National Pollutant Discharge Elimination System (NPDES)	i	10/16/2025	12
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
Government Water Quality Programs			

Analysis Type		Date Run	Count
Government Water Quality Programs			
FDEP Mitigation Bank Service Areas	i	10/16/2025	9
FDEP Mitigation Banks	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 Mitigation Bank and In-Lieu Fee Program Sites	i	10/16/2025	0
USEPA Water Quality Data Monitoring Stations	i	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)	i	10/16/2025	0
GEOPLAN Golf Courses	i	10/16/2025	0

FDEP Basin Management Action Plans (BMAP) Areas in Florida

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

TMDL Basin Rotation Group	Description	Type	Status
LAKE OKEECHOBEE	LAKE OKEECHOBEE	SURFACE WATER BMAP	ADOPTED BMAPS

Summary: 13.77 acres, 100 percent of analysis area.

FDEP NPDES Stormwater Permits

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Permittee and Permit ID	Permit ID
ORLANDO, CITY OF [FLS000014]	FLS000014

Summary: 13.77 acres, 100 percent of analysis area.

FDEP Waterbody IDs

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Name and Waterbody ID

SHINGLE CREEK HEADWATERS [WBID: 3169G1]

Summary: 13.77 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Name	Permit or Program Type
110028289992	BANK ATLANTIC AT METROWEST	STORM WATER CONSTRUCTION
110028289992	BANK ATLANTIC AT METROWEST	ICIS-NPDES NON-MAJOR
110028302762	STUDIO PARC CONDOMINIUMS	STORM WATER CONSTRUCTION
110028302762	STUDIO PARC CONDOMINIUMS	ICIS-NPDES NON-MAJOR
110054121534	AUTO ZONE #4956 - KIRKMAN ROAD	ICIS-NPDES NON-MAJOR
110054121534	AUTO ZONE #4956 - KIRKMAN ROAD	STORM WATER CONSTRUCTION
110054128984	AUTO ZONE #4960	ICIS-NPDES NON-MAJOR
110054128984	AUTO ZONE #4960	STORM WATER CONSTRUCTION
110057189420	LA FITNESS AT KIRKMAN SHOPPES	ICIS-NPDES NON-MAJOR
110057189420	LA FITNESS AT KIRKMAN SHOPPES	STORM WATER CONSTRUCTION
110060363903	WALGREENS AT KIRKMAN AND CONROY	ICIS-NPDES NON-MAJOR
110060363903	WALGREENS AT KIRKMAN AND CONROY	STORM WATER CONSTRUCTION

Summary: 12 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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
MOST VULNERABLE	13.79	100.0%
Totals	13.79	-

FDEP Intermediate Aquifer System FAVA II Response Theme

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	14.23	100.0%
Totals	14.23	-

FNAI CLIP Version 4 Aquifer Recharge

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
PRIORITY 3	6	43.9%
PRIORITY 4	7.67	56.1%
Totals	13.68	-

SWFWMD Recharge Areas of the Floridan Aquifer

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RECHARGE/1 TO 10	13.77	100%
Totals	13.77	-

FDEP Mitigation Bank Service Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Bank Name	Permitting Agency	Permit Number
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

Summary: 123.95 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
NRCS Summary of Specific Soils - SSURGO		10/16/2025	4
NRCS Hydric Soils (Summary) - Subset of NRCS Specific Soils Data		10/16/2025	2
NRCS Prime Farm Land - Subset of NRCS Specific Soils Data		10/16/2025	0
Floodplain, FEMA FIRMs			
Floodplain, FEMA FIRMs			
FEMA DFIRM (SFHA) 100 Year Flood Zones		10/16/2025	N/A
FEMA DFIRM 100 Year Floodplain		10/16/2025	N/A
		10/16/2025	N/A

Analysis Type		Date Run	Count
FEMA DFIRM 500 Year Floodplain	i		
FEMA DFIRM Panel Areas	i	10/16/2025	1
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	3
GEOPLAN GeoPlan Future Land Use 2020 - Level 2	i	10/16/2025	5

FDEP Environmental Geology

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Geologic Category	Area of Interest	
	Acr	Pct
MED. FINE SAND AND SILT	13.77	100%
Totals	13.77	-

FWC Florida Cooperative Land Cover Grid - Version 3.8

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
1822 - HIGH INTENSITY URBAN	0.22	1.62%
1840 - TRANSPORTATION	13.37	97.48%
2211 - CYPRESS	0.12	0.9%
Totals	13.71	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
323159-(SMYRNA)(SMYRNA-SMYRNA, WET, FINE SAND, 0 TO 2 PERCENT SLOPES)	4.89	35.52%
Totals	13.77	-

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

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, 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)	5.06	36.75%
323155-(SAMSULA)(SAMSULA MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES)	3.83	27.81%
Totals	8.89	-

FEMA DFIRM (SFHA) 100 Year Flood Zones

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

FEMA DFIRM 100 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 100 YEAR FLOODPLAIN	13.76	100.0%
Totals	13.76	-

FEMA DFIRM 500 Year Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
OUTSIDE 500 YEAR FLOODPLAIN	12.53	91.02%
500 YEAR FLOODPLAIN	1.24	8.98%
Totals	13.76	-

FEMA DFIRM Panel Areas

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

FIRM Panel	Effective date
12095C0405F	2009-09-25 00:00:00

Summary: 13.77 acres, 100 percent of analysis area.

FNAI CLIP Version 4 Natural Floodplain

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

GEOPLAN Generalized Land Use

Metadata: https://etdmpub.florida-land.com/meta/lu_gen.xml

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
RESIDENTIAL	0.06	0.44%
RETAIL/OFFICE	0.21	1.52%
Totals	0.26	-

GEOPLAN GeoPlan Future Land Use 2020 - Level 2

Metadata: https://etdmpub.florida-land.com/meta/flu_l2_2020.xml

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use	Area of Interest	
	Acr	Pct
CONSERVATION	0.09	0.65%
MIXED USE - NEIGHBORHOOD/ACTIVITY CENTER	0.16	1.16%
RESIDENTIAL HIGH (> 12 DU/AC)	0.05	0.36%
TRANSPORTATION/UTILITIES	13.46	97.75%
Totals	13.77	-

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	0
SJRWMD Spring Capture Zones (Springsheds)		10/16/2025	0
Aquifers			
Aquifers			
	10/16/2025	N/A	

Analysis Type		Date Run	Count
FDEP Surficial Aquifer System FAVA II Response Theme	i		
USEPA Sole Source Aquifers	i	10/16/2025	1
USGS Principal Aquifers of the State of Florida	i	10/16/2025	1
Waterbody Information and Designations			
Waterbody Information and Designations			
FDEP List of Aquatic Preserves	i	10/16/2025	0
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
		10/16/2025	0

Analysis Type		Date Run	Count
USFWS National Wetlands Inventory Areas	i		
WMD Wetlands (FLUCCS Level 3)	i	10/16/2025	1
Contamination			
Contamination			
FDEP Brownfield Location Boundaries	i	10/16/2025	0
FDEP Dry Cleaning Program 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	0
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	1
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	1
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 Surficial Aquifer System FAVA II Response Theme

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	0.67	4.76%
MOST VULNERABLE	13.34	95.24%
Totals	14.01	-

USEPA Sole Source Aquifers

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Aquifer
BISCAYNE AQUIFER SSA STREAMFLOW AND RECHARGE SOURCE ZONES

Summary: 13.77 acres, 100 percent of analysis area.

USGS Principal Aquifers of the State of Florida

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Description	Area of Interest	
	Acr	Pct
SURFICIAL AQUIFER SYSTEM	13.77	100%
Totals	13.77	-

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 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Significant Surface Waters

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Surface Water Resource Priorities

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

FNAI CLIP Version 4 Wetlands

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

DESCRIPTION	Area of Interest	
	Acr	Pct
No Data	13.68	100.0%
Totals	13.68	-

WMD Wetlands (FLUCCS Level 3)

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Land Use Classification	Area of Interest	
	Acr	Pct
6210: CYPRESS	0.09	0.65%
Totals	0.09	-

FDEP Petroleum Contamination Monitoring Sites

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

MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Cleanup Status	Facility ID	Name	Google Map
NO CLEANUP REQUIRED	9806213	BENTON EXPRESS	https://www.google.com/maps/place/17RMM5508251564

Summary: 1 feature(s) found within buffer.

FDEP Storage Tank Contamination Monitoring (STCM)

FDEP Storage Tank Contamination Monitoring

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

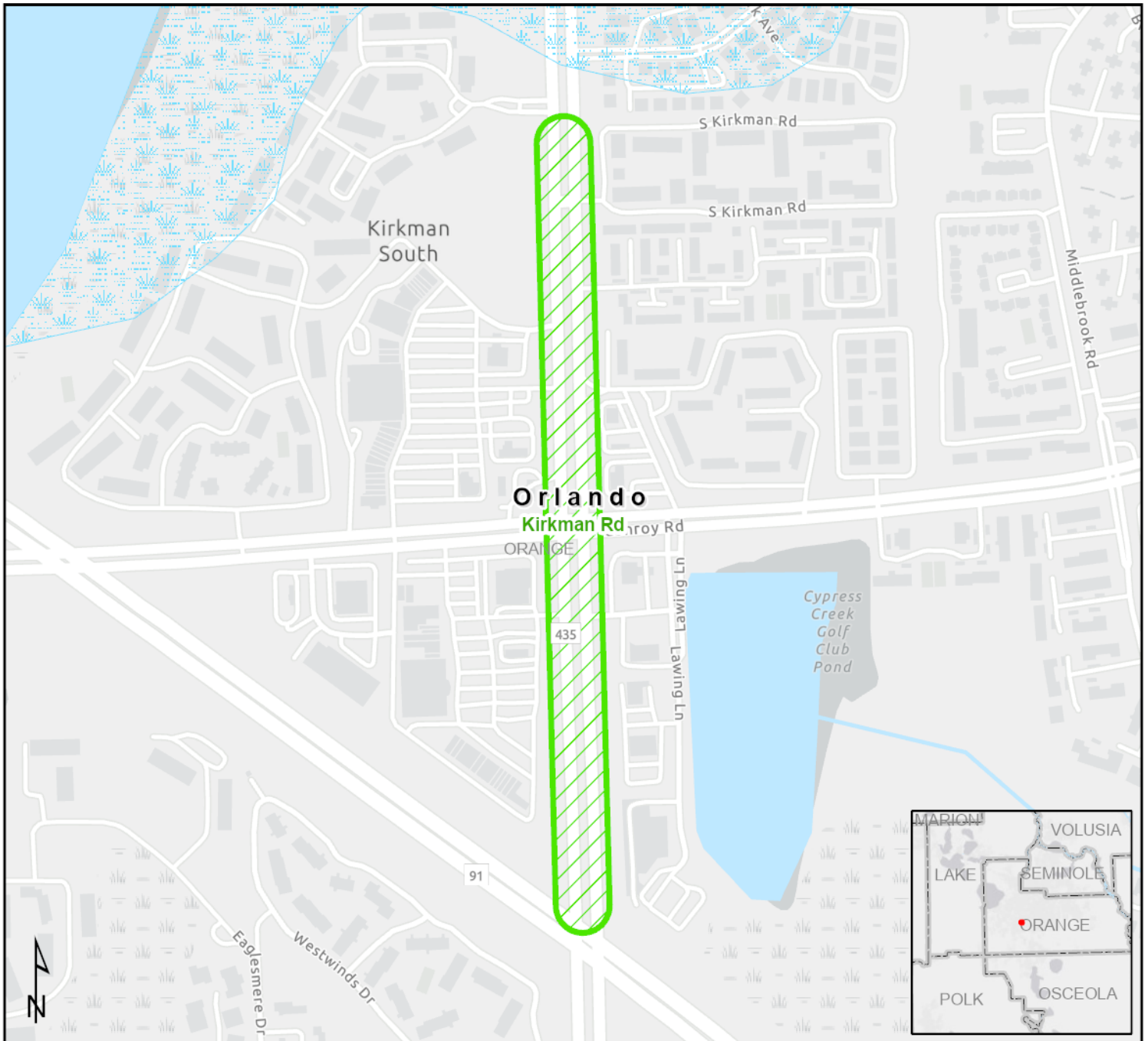
MTP2050 - Kirkman Rd at Conroy Rd (0.25mi from intersection) - Kirkman Rd, analyzed on 10/16/2025.

Footprint analyzed

Facility ID	Facility Status	Site type	Google Map
9806213	CLOSED	EMERGENCY RESPONSE SPILL SITE	https://www.google.com/maps/place/17RMM5508251564

Summary: 1 feature(s) found within buffer.

Kirkman Rd
AOI



WATERSS Base Map

- Area of Interest
- County Boundaries
- River, Stream or Canal
- Swamp/Marsh

0 250 500 US Feet



[MetroPlanOrlando.gov](https://www.MetroPlanOrlando.gov)
250 S. Orange Ave., Suite 200
Orlando, FL 32801
MTP@MetroPlanOrlando.gov
(407) 481-5672

