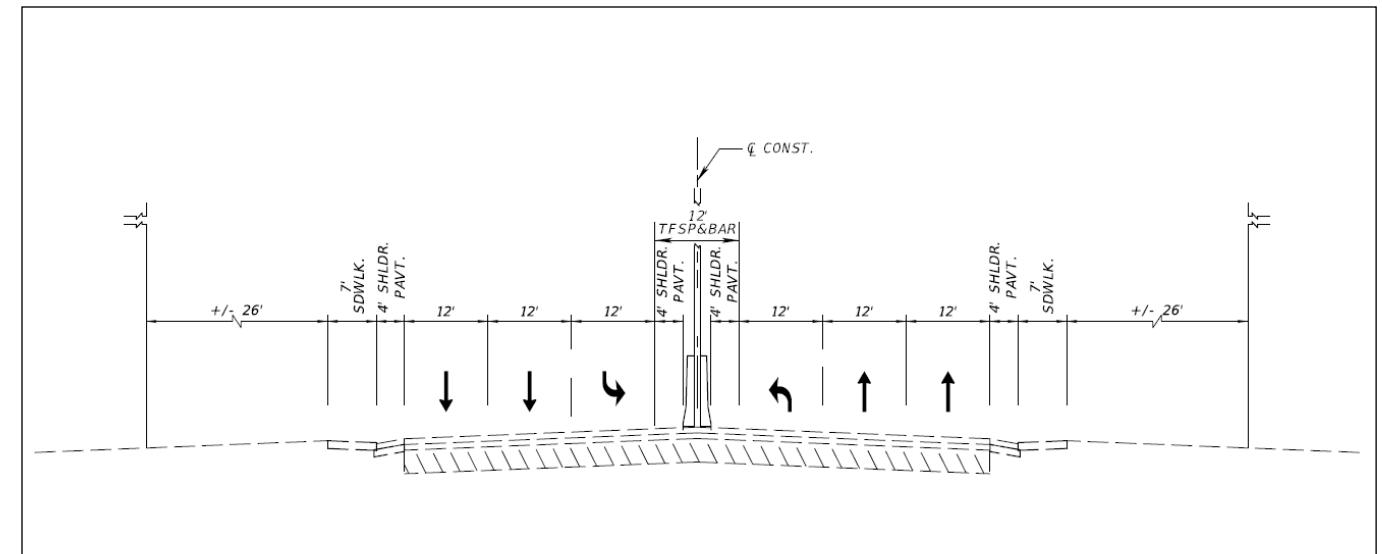


**US 192 Underpass at I-95 (Structure #700209)**

- One structure at the interchange
- Structure #700209 has a vertical clearance of 17.4 feet



**Figure 5.5-1: Typical Section at US 192 Underpass at I-95 (Structure #700209)**



**Sufficiency Rating for Bridges**

Sufficiency Rating is essentially an overall rating of a bridge's fitness for the duty that it performs based on factors derived from over 20 NBI data fields. Ratings reported in this report are based on the FDOT's 2017 3<sup>rd</sup> Quarter Bridge Information Report. The designation of a bridge as Structurally Deficient (SD) or Functionally Obsolete (FO) has impact on decisions for bridge maintenance, rehabilitation or replacement. According to the FHWA Highway Bridge Replacement and Rehabilitation Program (23 CFR 650.409), highway bridges are considered eligible for rehabilitation or replacement with a sufficiency rating of less than 50.0. Highway bridges with a sufficiency rating of 80.0 or less will be eligible for rehabilitation. Ratings are on a scale of 1 to 100, with 100 considered as an entirely sufficient bridge, usually new. The Sufficiency Rating for each bridge along Corridor E is identified on Table 5.5-1.



**Table 5.5-1: Corridor E Sufficiency Ratings for Bridges**

Roadway Name	County	Roadway ID	Interchange/Intersection	Structure #	Sufficiency Rating (%)
US 192	Osceola	92030000	SR 91/Florida Turnpike	920134	98.2
				920078	97.2
US 192	Osceola	92030000	St. Cloud Canal	920011	97
				920118	97
US 192	Osceola	92030000	Alligator Creek	920190	95.4
				920191	95.4
US 192	Osceola	92030000	Unnamed (W. of Cypress Creek Ranch)	920197	77.2
US 192	Osceola	92030000	Crabgrass Creek	920178	92.7
				920179	92.7
US 192	Osceola	92030000	Unnamed (W. of Osceola Drive)	920150	77.2
US 192	Osceola	92030000	C 57 Canal	920014	79.4
				920148	83.7
US 192	Brevard	70050000	Sawgrass Creek	700212	99.7
				700018	99.7
US 192	Brevard	70050000	St. Johns Relief	700023	99.7
				700213	99.7
US 192	Brevard	70050000	St. Johns River	700214	88.3
				700215	88.3
US 192	Brevard	70050000	I-95	700209	98

### 5.5.2 Drainage

In Osceola County, Corridor E extends through two major surface water management basins as defined by the Florida Department of Environmental Protection (FDEP): the Kissimmee River Basin and the Upper St. Johns River Basin. Stormwater in the Kissimmee River Basin generally flows southward through a chain of lakes and into the Kissimmee River. Stormwater in the Upper St. Johns River Basin generally flows east to the St. Johns River. There are 30 major (greater than five-foot diameter pipe equivalent opening) drainage crossings, including four bridges, five bridge culverts, 20 box culvert crossings, and one large diameter pipe combination within the Orange County portion of the corridor. These drainage crossings are noted in Figure 5.5-2. Table 5.5-2 denotes impaired drainage basins, as defined by FDEP, through which the corridor passes.

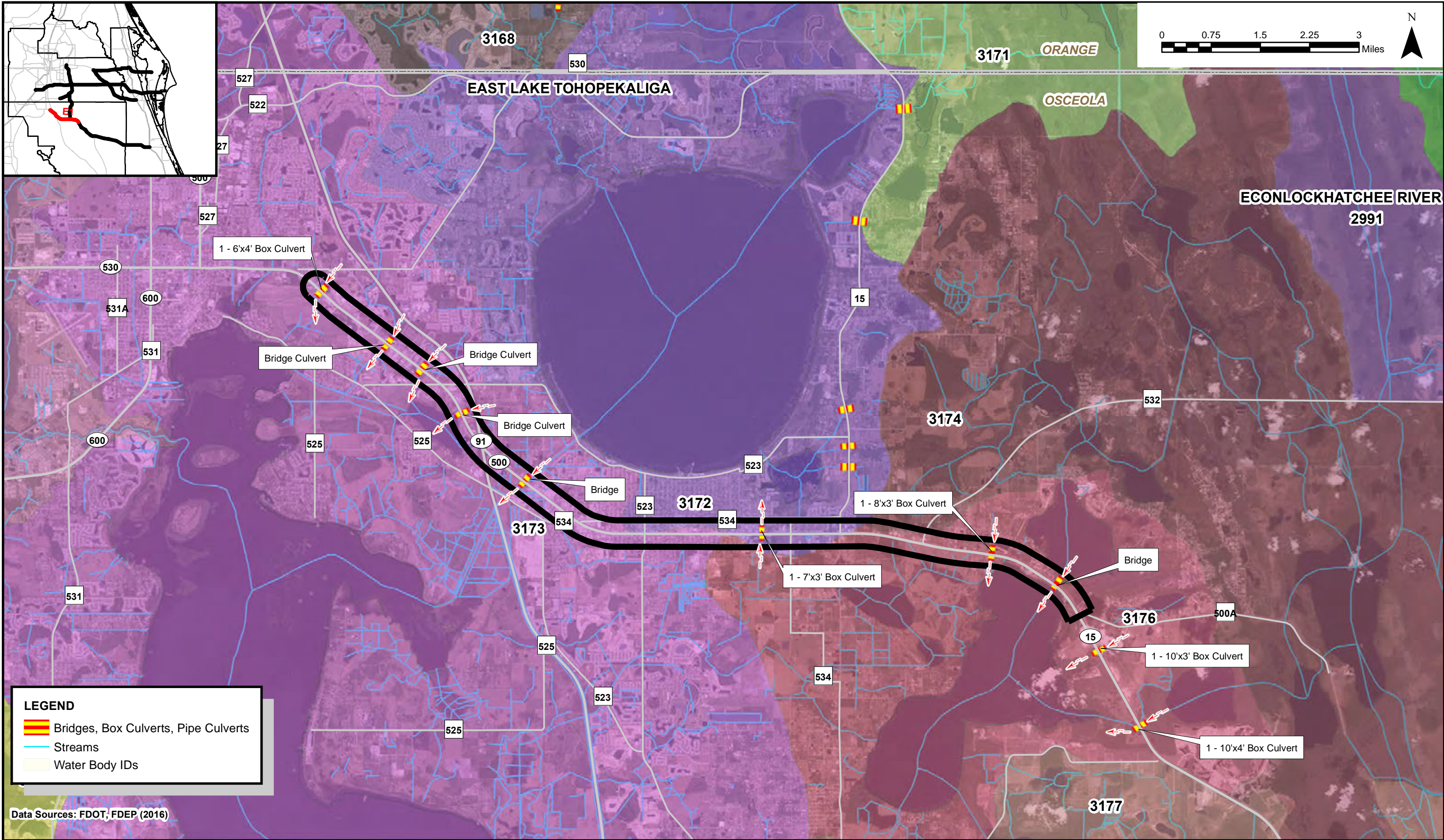
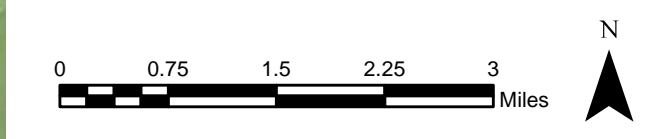
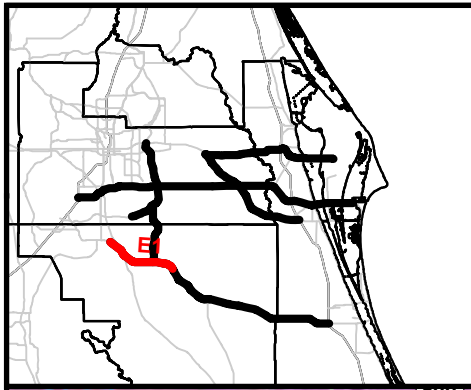
**Table 5.5-2: Corridor E Osceola County, Impaired Waterbodies**

Waterbody Name	Group Name	Water Body ID	Impairment Parameter
Alligator Lake	Kissimmee River	3176	Mercury
Jane Green Creek	Upper St. Johns River	3073	Nutrients
St. Johns River West of Sawgrass Lake	Upper St. Johns River	28936	Mercury




Corridor E in Brevard County lies entirely within the FDEP-defined Upper St. Johns River Basin. Stormwater in the Upper St. Johns River Basin generally flows west into the St. Johns River. The Brevard County portion of corridor C includes six major drainage crossings, including three bridges and three box culvert crossings. Figure 5.5-2 depicts the drainage crossing locations. Table 5.5-3 denotes impaired drainage basins, as defined by FDEP, through which the corridor passes.

**Table 5.5-3: Corridor E Brevard County, Impaired Waterbodies**

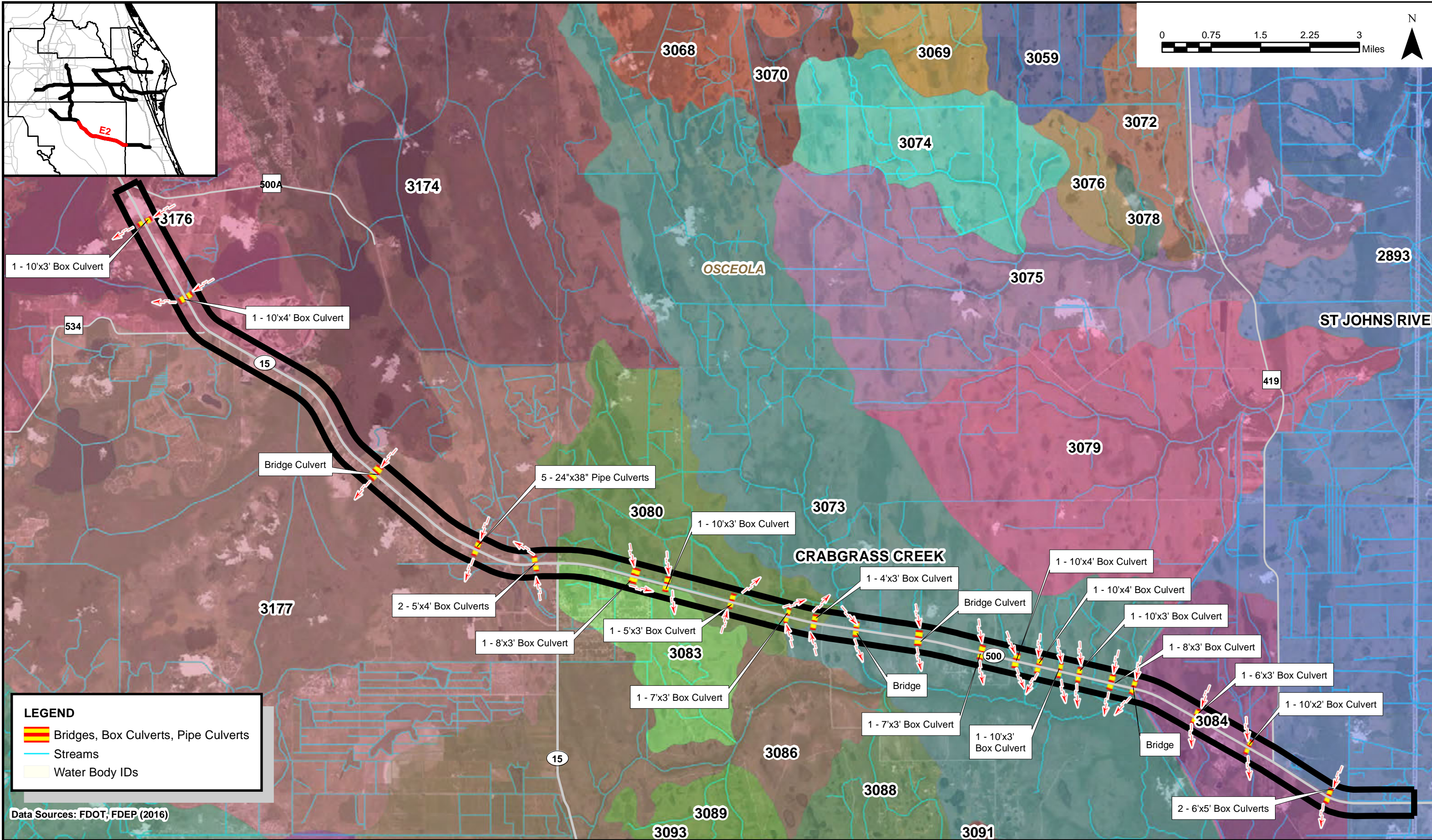
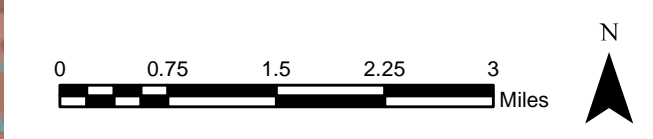
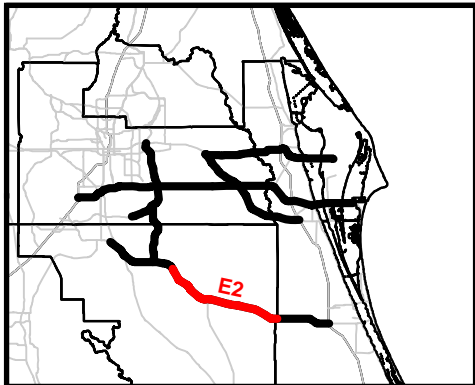
Waterbody Name	Group Name	Water Body ID	Impairment Parameter
St. Johns River West of Sawgrass Lake	Upper St. Johns River	28936	Mercury
St. Johns River above Lake Washington	Upper St. Johns River	2893P	Dissolved Oxygen
Sawgrass Lake	Upper St. Johns River	28931	Dissolved Oxygen
Melbourne-Tillman (C-1) Canal	Upper St. Johns River	3090	Fecal Coliform






**LEGEND**

-  Bridges, Box Culverts, Pipe Culverts
-  Streams
-  Water Body IDs

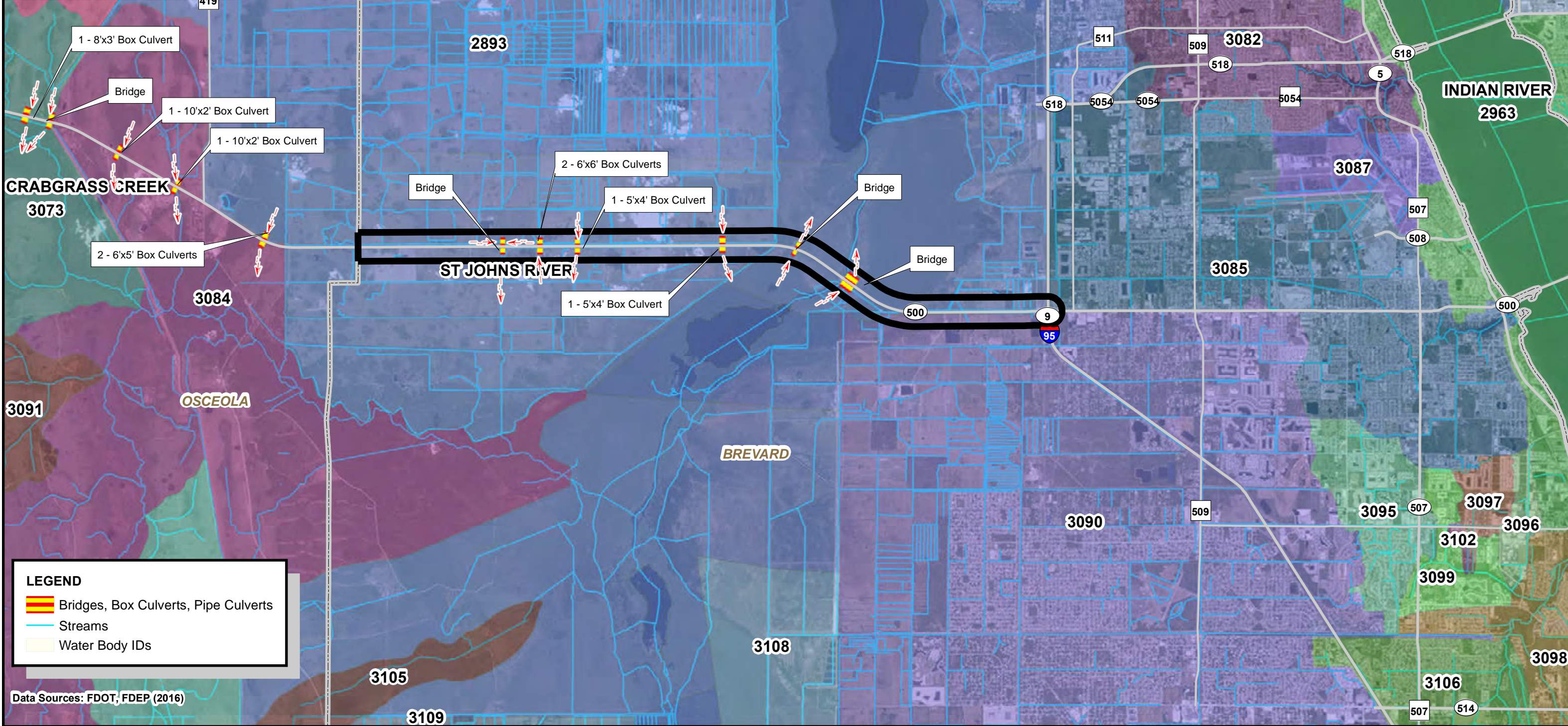
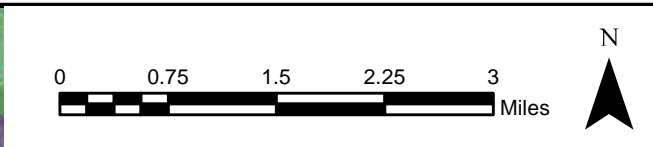
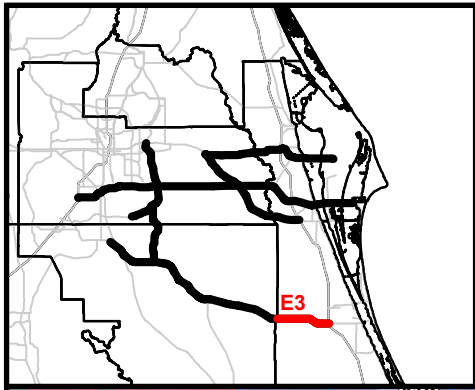
Data Sources: FDOT, FDEP (2016)



**LEGEND**

-  Bridges, Box Culverts, Pipe Culverts
-  Streams
-  Water Body IDs

Data Sources: FDOT, FDEP (2016)



**LEGEND**

- Bridges, Box Culverts, Pipe Culverts
- Streams
- Water Body IDs

Data Sources: FDOT, FDEP (2016)



East Central Florida Corridor Evaluation Study



# Corridor E Existing Drainage Conditions

**FIGURE  
5.5-3  
SEGMENT E3**

### 5.5.3 Utilities

Beginning at I-95, very little utilities are present on US 192 as it crosses a rural area in the eastern segment. Those that prevail include some electric, communications and gas transmission lines as well as occasional minor distribution lines to serve the small pockets of development. As the corridor progresses west, the number of significant utilities within the right-of-way increases as it approaches the municipalities of St. Cloud and Kissimmee. The transmission lines give way to primarily distribution networks for electric, communications, gas, water and sewer.



The most common types of utilities include:

- Electric transmission and distribution, primarily aerial.
- Potable Water and sanitary sewer mains from local municipalities.
- Communications lines are located throughout in various forms. This includes aerial and underground transmission and distribution lines for telephone, cable television and internet services. Fiber optic cables, mainly underground, are attributed to multiple communications and internet providers. In many instances, several communications lines would appear in a particular segment of the corridor in different aspects and locations.
- Gas transmission pipelines appear in the corridor at a few locations.

The initial listing of utilities within the corridors were obtained employing the Sunshine State One-Call system. Those utilities having a major presence in the study areas were contacted to verify the location and configuration of their facilities. The significant utilities are summarized for each of the corridor’s counties.

The following table lists the primary utilities acknowledging a presence in Osceola County as well as their general locations:

**Table 5.5-4: Corridor E Osceola County, Primary Utilities**

Utility Name	Utility Type	Parallel or Crossing	Highway of Corridor	Cross Road/Extent
AT&T	COMM/Fiber	Crossing	US 192	SR 91
CenturyLink	Fiber Optic	Parallel	US 192	Multiple locations throughout County
CenturyLink	Phone (copper)	Parallel	US 192	Multiple locations throughout County
Duke Energy	Electric - OH	Crossing	US 192	West of US 441
Florida Gas Transmission	Gas	Parallel	US 192	Length of corridor
Florida Power & Light	Electric - OH	Crossing	US 192	Between CR 419 & County Line
Level 3 Communications	Fiber	Parallel	US 192	SR 91 to Arizona Ave.
Orlando Utilities Commission	Electric - OH	Crossings (3)	US 192	Narcoossee Rd, Eastern Ave, 10th St
Orlando Utilities Commission	Electric - OH	Parallel	US 192	Hickory Tree Rd west to Eastern Ave
Orlando Utilities Commission	Electric - UG	Crossing	US 192	Wisconsin Ave

The following table lists the primary utilities acknowledging a presence in Brevard County as well as their general locations:

**Table 5.5-5: Corridor E Brevard County, Primary Utilities**

Utility Name	Utility Type	Parallel or Crossing	Roadway	Cross Road/Extent
Charter Communications	Internet/CATV /Phone/Fiber	Parallel	US 192	County Line to I-95
Florida Gas Transmission	Gas	Crossing	US 192	West of I-95
Florida Power & Light	Electric - OH	Crossing	US 192	West of I-95

## 5.6 Environmental Characteristics

### 5.6.1 Wetlands

Wetlands are most prevalent in Segments E2 and E3 (Table 5.6-1 and Figure 5.6-1). E2 wetlands are dispersed throughout the corridor due to the presence of swamps, while wetlands in Segment E3 are primarily around the St. Johns River.

**Table 5.6-1: Corridor E Wetlands**

Segment	Wetland Type	Acres
E1	Freshwater Emergent Wetland	37.56
	Freshwater Forested/Shrub Wetland	24.17
	Freshwater Pond	4.69
	Lake	15.54
	Riverine	1.93
E2	Freshwater Emergent Wetland	49.55
	Freshwater Forested/Shrub Wetland	302.10
	Freshwater Pond	25.04
	Riverine	3.32
	Mitigation Bank, Quickdraw	20.65
E3	Freshwater Emergent Wetland	205.65
	Freshwater Forested/Shrub Wetland	112.00
	Freshwater Pond	8.69
	Riverine	9.86

### 5.6.2 Floodplains

As shown in Figure 5.6-2, all three segment buffers traverse wetlands and the 100-year floodplain. Flood zone acres are high in Segment E2, which has large sections of swamp land, and Segment E3, which goes over the St. Johns River and is near both Sawgrass Lake and Lake Washington (Table 5.6-2).

**Table 5.6-2: Corridor E Flood Zones**

Segment	Flood Zone	Acres
E1	A	21.49
	AE	129.52
E2	A	1,043.32
E3	A	5.6

### 5.6.3 Historic and Cultural Resources

Historic resources in Corridor E include 275 historic structures, six resource groups, four archaeological sites and 46 recorded surveys. Segment E1 features many historic structures clustered in the city of St. Cloud (Figure 5.6-3). These structures occur on both sides of and within close proximity to the existing roadway. Two archaeological sites exist on the west end of Segment E1, on both sides of the existing roadway between the Florida Turnpike and Partin Settlement Road, however the southern of the two sites contains no definite artifacts. Two other archaeological sites are located at the eastern end of Segment E1 and the western end of Segment E2. Both sites are on the north/east side of the existing roadway on either side of the intersection with Old Melbourne Road. Due to the large number of historical features, the corresponding table can be found in Appendix E.

### 5.6.4 Threatened and Endangered Species

Corridor E goes through consultation areas for the Caracara, Florida grasshopper sparrow, Lake Wales Ridge plants (Segments E1 and E2), red-cockaded woodpecker, scrub jay, and snail kite (Figure 5.6-4). Corridor E also notably crosses through wood stork core foraging area and critical habitat for the West Indian Manatee (Segment E3). One black bear nuisance report (Segment E1) and one black bear road kill (Segment E2) have been reported in the corridor buffer (Table 5.6-3).

**Table 5.6-3: Corridor E Biological Evaluation**

Feature	Acres		
	E1	E2	E3
Atlantic Coast Plants Consultation Area	0	0	0
Audubon's Crested Caracara Occurrences in Florida (1992-2009)	0	1	2
Bald Eagle Nesting Territories	0	0	0
Black Bear Range	0	0	0
Black Bear Road Kills	0	1	0
Caracara Consultation Area	1,641.28	2,770.46	1208.03
Critical Habitat for the Reticulated Flatwoods Salamander and Frosted Flatwoods	0	0	0
Critical Habitat in Florida for the West Indian Manatee - 2005	0	0	2.94
Crocodile Consultation Area	0	0	0
Ecosystem Management Areas	1,641.28	2,770.46	1,208.02
FWC 1999 Wading Bird Rookery Surveys	0	2	0
FWC Black Bear Nuisance Reports	1	0	0
Final Designation of Critical Habitat in Florida for the Elkhorn and Staghorn Corals - 2009	0	0	0
Final Designation of Critical Habitat in Florida for the Smalltooth Sawfish - 2009	0	0	0
Florida Forever BOT Projects	0	359.33	0
Florida Grasshopper Sparrow Consultation Area	1,641.28	2,770.46	1,208.03
Florida Managed Areas	12.03	374.19	156.68
Florida National Wildlife Refuges	0	434.97	0
Florida Panther Mortality (1972 through August 2010)	0	1	0

Feature	Acres		
	E1	E2	E3
Florida Sand Skink and Blue-tailed (Bluetail) Mole Skink Suitability	0	0	0
Florida State Parks	0	0	0
Freshwater Mussels Critical Habitat	0	0	0
Gopher Tortoise Relocation Permit Recipient Sites in Florida	0	0	0
Gulf Sturgeon Critical Marine Habitat	0	0	0
Gulf Sturgeon Critical Riverine Habitat	0	0	0
Lake Wales Ridge Plants Consultation Area	1,641.28	1,723.98	0
Manatee Consultation Area	0	0	0
National Park Projects	0	0	0
National Parks and Seashores	0	0	0
Okeechobee Gourd Consultation Area	0	0	0
Panther Consultation Area	0	0	0
Panther Zones	0	0	0
Piping Plover Locations	0	0	0
Piping Plover Consultation Area	0	0	0
Piping Plover Critical Habitat	0	0	0
Public Land	12.07	373.62	156.35
Rare and Imperiled Fish	0	0	0
Red-Cockaded Woodpecker Consultation Area	1,641.28	2,624.70	25.42
Red-cockaded Woodpecker Active and Inactive Occurrences in Florida - 2005	0	0	0
Sand Skink Consultation Area	0	0	0
Scrub Jay Consultation Area	1,642.56	2,772.67	1,208.98
Scrub Jay Occurrences in Florida (1992-1993)	0	0	0
Short-Tailed Hawk and Swallow-Tailed Kite Nests	0	0	0
Snail Kite Consultation Area	1,641.28	2,770.46	1,208.03
Snail Kite Critical Habitat	0	0	0
Snail Kite Priority Management Zones	0	0	0
Snowy Plover Nest Locations 2006	0	0	0
TNC Ecological Resource Conservation Areas	1,641.28	1,541.21	769.54
Wood Stork Core Foraging Areas	1,641.28	2,770.46	1,208.03
Wood Stork Nests	0	0	0

### 5.6.5 Noise Evaluation

Segment E1 in urban Osceola County includes a large number of potential noise sensitive receptors (Figure 5.6-5). There are 11 churches, 5 civic centers, the St. Cloud Chamber of Commerce, 17 health care facilities, 1 assisted living facility, 6 schools, 5 mobile home parks, 2 culture centers, and 2 parks (Table 5.6-4). Segments E2 and E3 have fewer community features and potential noise sensitive features than Segment E1, as they are entirely in rural portions of Osceola and Brevard counties.

Table 5.6-4: Corridor E Potential Noise Sensitive Receptors

Segment	Type	Name	Count
E1	Florida Managed Area	Lake Lizzie Conservation Area	
	Health Care Facility	Dreyer, Lizzette D.M.D.	
	Health Care Facility	Osceola Women & Family Medicine Specialists	
	Health Care Facility	Best Health Medical Clinic	
	Health Care Facility	Night Light Pediatrics Center LLC	
	Health Care Facility	All Florida Family and Sports Medicine	
	Health Care Facility	Mid Florida Dermatology Associates	
	Health Care Facility	Park Place Behavioral Health Care	
	Health Care Facility	Take Care Health Services	
	Health Care Facility	Hyderabad Medical Services PLLC d/b/a Hyde Medical	
	Health Care Facility	Avante at St. Cloud	
	Health Care Facility	USA Medical Care	
	Health Care Facility	JSA Medical Group - St. Cloud	
	Health Care Facility	St. Cloud Family Medicine	
	Health Care Facility	Little Angels Pediatrics	
	Health Care Facility	Tropical Medspa	
	Health Care Facility	Basharat Hussain MD PA	
	Health Care Facility	Physician Group, LLC	
	Community Center	Chamber of Commerce - Saint Cloud	
	Assisted Housing	Saint Cloud Village	
	Culture Center	St. Cloud Gift Gallery	
	Culture Center	Veterans Memorial Library - St. Cloud Branch	
	Park	Sexton Boat Ramp	
	Park	Veterans Memorial Park	
	Laser Facility	Saint Cloud Veterinary Center	
	Group Care	St. Thomas Aquinas Catholic School	
	Group Care	Teenage Parenting Center	
	Group Care	City Of Life Christian Academy	
	Group Care	Christ Centered Academics	
	Group Care	Zenith High School	
	School	City of Life Christian Academy	
	School	Tele-Tots Childcare Learning Center	
	School	Christ Centered Academics	
	School	Faith Christian Academy Of St. Cloud	
	School	Florida Christian College, Inc.	
	School	Ross E. Jeffries Elementary School	
	Housing Parcels	Single-Family Residential	592
	Housing Parcels	Mobile Homes	8
	Housing Parcels	Multi-Family Residential	37
	Housing Parcels	Condominiums	24
	Housing Parcels	Retirement Homes	2



Segment	Type	Name	Count
E2	National Wildlife Refuge Boundary	Everglades Headwaters National Wildlife Refuge	
	Florida Managed Areas	Holopaw State Forest	
	Florida Managed Areas	Herky Huffman/Bull Creek Wildlife Management Area	
	Florida Managed Areas	Triple N Ranch Wildlife Management Area	
	Housing Parcels	Single Family Residential	27
	Housing Parcels	Mobile Homes	45
	Housing Parcels	Condominiums	60
E3	Florida Managed Areas	River Lakes Conservation Area	
	Florida Managed Areas	Three Forks Conservation Area	
	Florida Managed Areas	Kempfer Property Flowage Easement	
	Park	Sweetwater Boat Ramp (Brevard Airboat Association)	
	Housing Parcels	Single-Family Residential	2

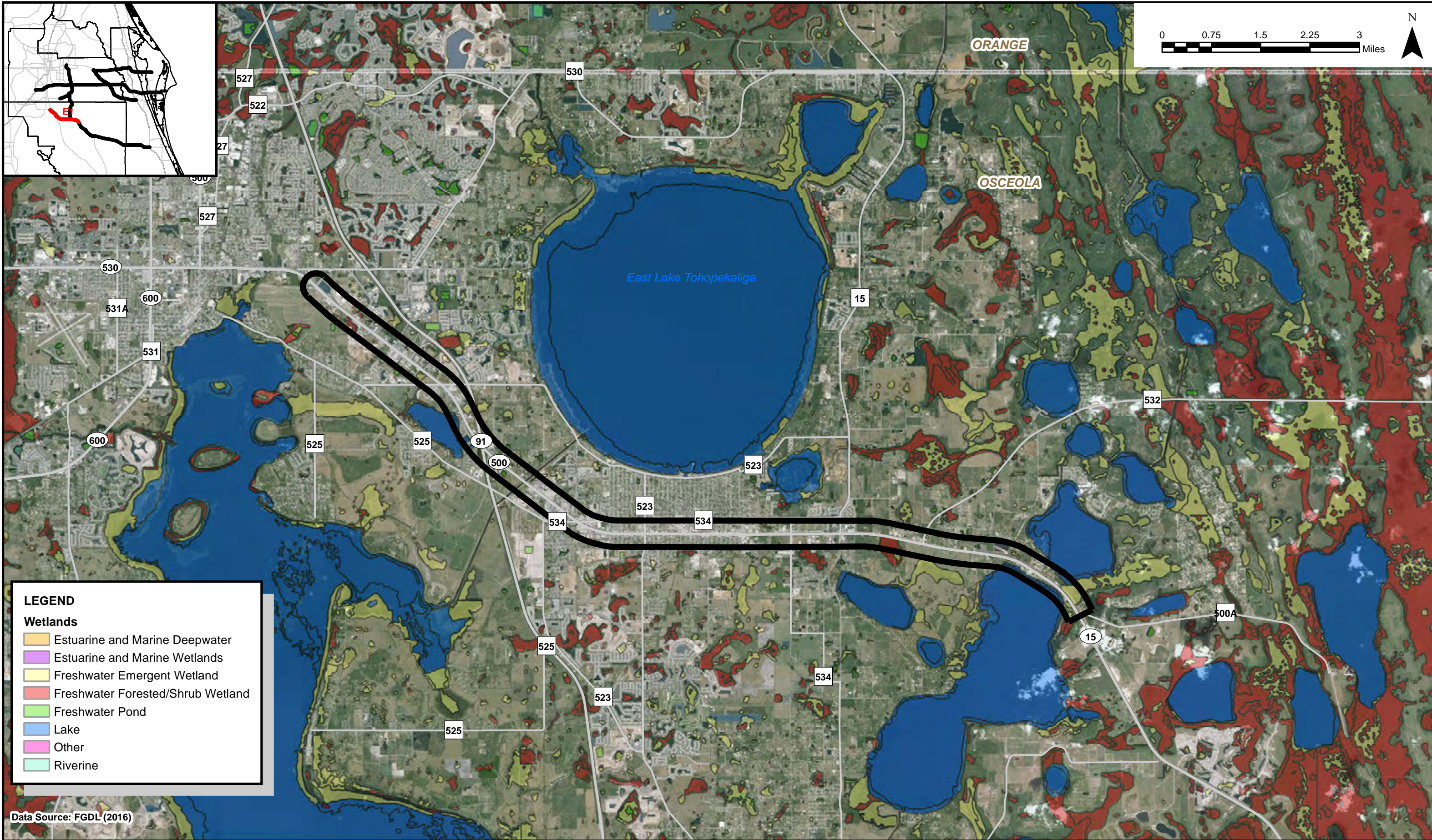
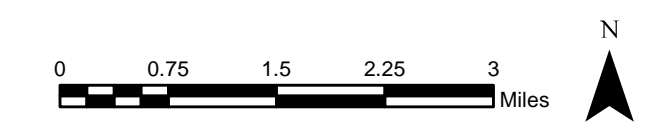
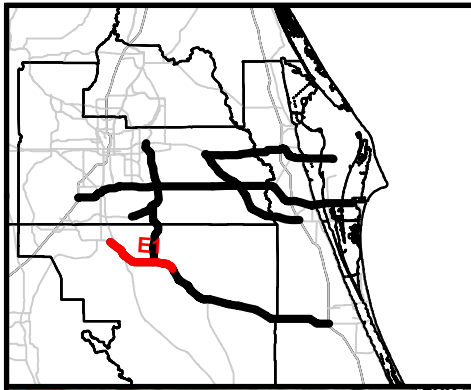
### 5.6.6 Contamination

The density of potential sources of contamination sites is greatest in the urban area, Segment E1 (Table 5.6-5 and Figure 5.6-6). It is an area that is notable for high-density commercial activity and thus lends itself to the inclusion of some DEP cleanup site clusters (mostly fuel stations/convenience stores), four small quantity generators spread throughout, and two solid waste facilities in the automotive industry. Potential contamination sources are limited and sparsely distributed along Segments E2 and E3.

**Table 5.6-5: Corridor E Potential Sources of Contamination**

Segment	Type	Name	Acres
E1	DEP Cleanup Site	D&N Trucking Ber 08-7I-38441	
	DEP Cleanup Site	Super Mini Mart	
	DEP Cleanup Site	Chevron #42078-Turnpike	
	DEP Cleanup Site	Kisselback Ford (Former Poffenbaugh Ford)	
	DEP Cleanup Site	St. Cloud Trailer Park	
	DEP Cleanup Site	Sunrise Food Mart #152	
	DEP Cleanup Site	Texaco #17	
	DEP Cleanup Site	7-Eleven Store #35613	
	DEP Cleanup Site	Jiffy Food Store #2483	
	DEP Cleanup Site	7-Eleven Food Store #32645	
	DEP Cleanup Site	Citgo-Bronson #349	
	DEP Cleanup Site	Sunshine Food Mart #144	
	DEP Cleanup Site	7-Eleven Food Store #19392-01	
	DEP Cleanup Site	Circle K #2708967	
	DEP Cleanup Site	Extreme Motor Works	
	DEP Cleanup Site	Circle K #2721236	
	NPDES Facility	Chili's Restaurant	

Segment	Type	Name	Acres
	NPDES Facility	The Oaks Shopping Center	
	Small Quantity Generator	Kisselback Ford	
	Small Quantity Generator	Gentronics Company, Inc.	
	Small Quantity Generator	Holiday Chevrolet Oldsmobile LLC	
	Small Quantity Generator	The Recovery Room of Central Florida, Inc.	
	Solid Waste Facility	Tire Kingdom LLC #216	
	Solid Waste Facility	Joes Auto Service Center, Inc.	
	Waste Cleanup OPEN Responsible Party Site	Kisselback Ford (Former Poffenbaugh Ford)	
	Waste Cleanup CLOSED Responsible Party Site	Goodyear Dealer Expansion #1806	
	E2	DEP Cleanup Site	Island Food Store #510
DEP Cleanup Site		Sunrise Food Mart #129	
DEP Cleanup Site		Holopaw Restaurant	
NPDES Facility		SR 500	
Waste Cleanup CLOSED Responsible Party Site		Holopaw Dithane Spill	
Waste Cleanup CLOSED Responsible Party Site		Progress Energy Sarap Holopaw Substation	
E3	DEP Cleanup Site	Reb Oil #638	
	NPDES Facility	Chuck E Cheese's	
	Solid Waste Facility	US 192 Debris Staging Area	



**LEGEND**

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetlands
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Data Source: FGDL (2016)

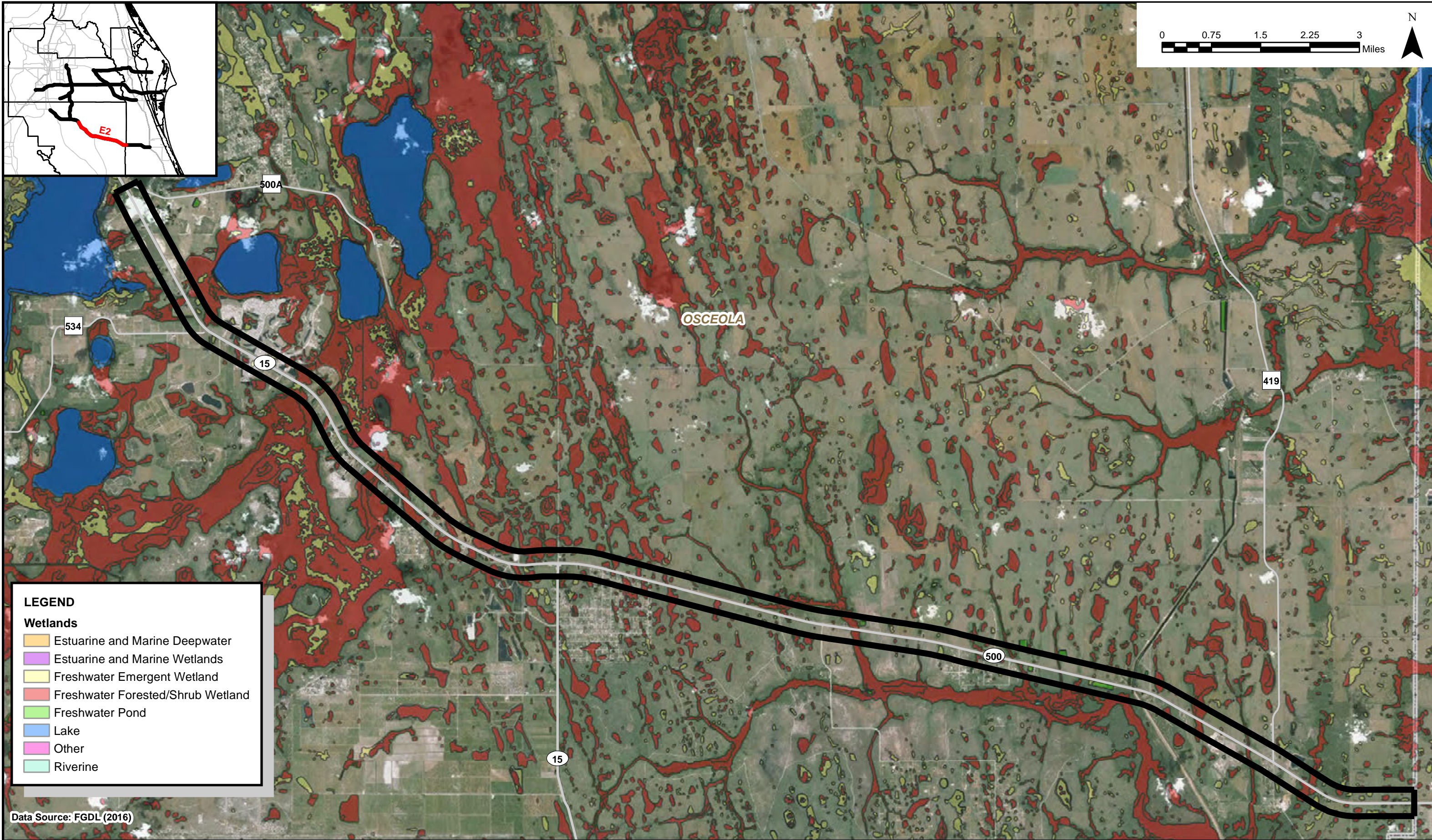
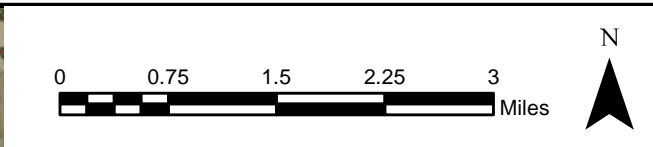
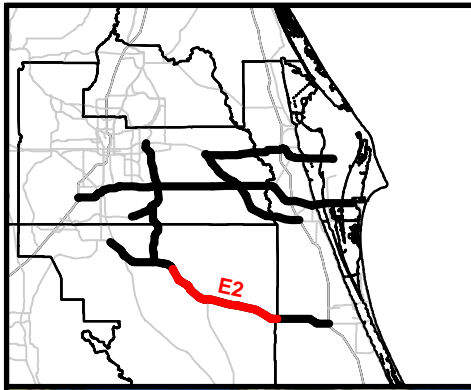


East Central Florida Corridor Evaluation Study



**Corridor E  
Wetlands**

**FIGURE  
5.6-1  
SEGMENT E1**



**LEGEND**

**Wetlands**

	Estuarine and Marine Deepwater
	Estuarine and Marine Wetlands
	Freshwater Emergent Wetland
	Freshwater Forested/Shrub Wetland
	Freshwater Pond
	Lake
	Other
	Riverine

Data Source: FGDL (2016)

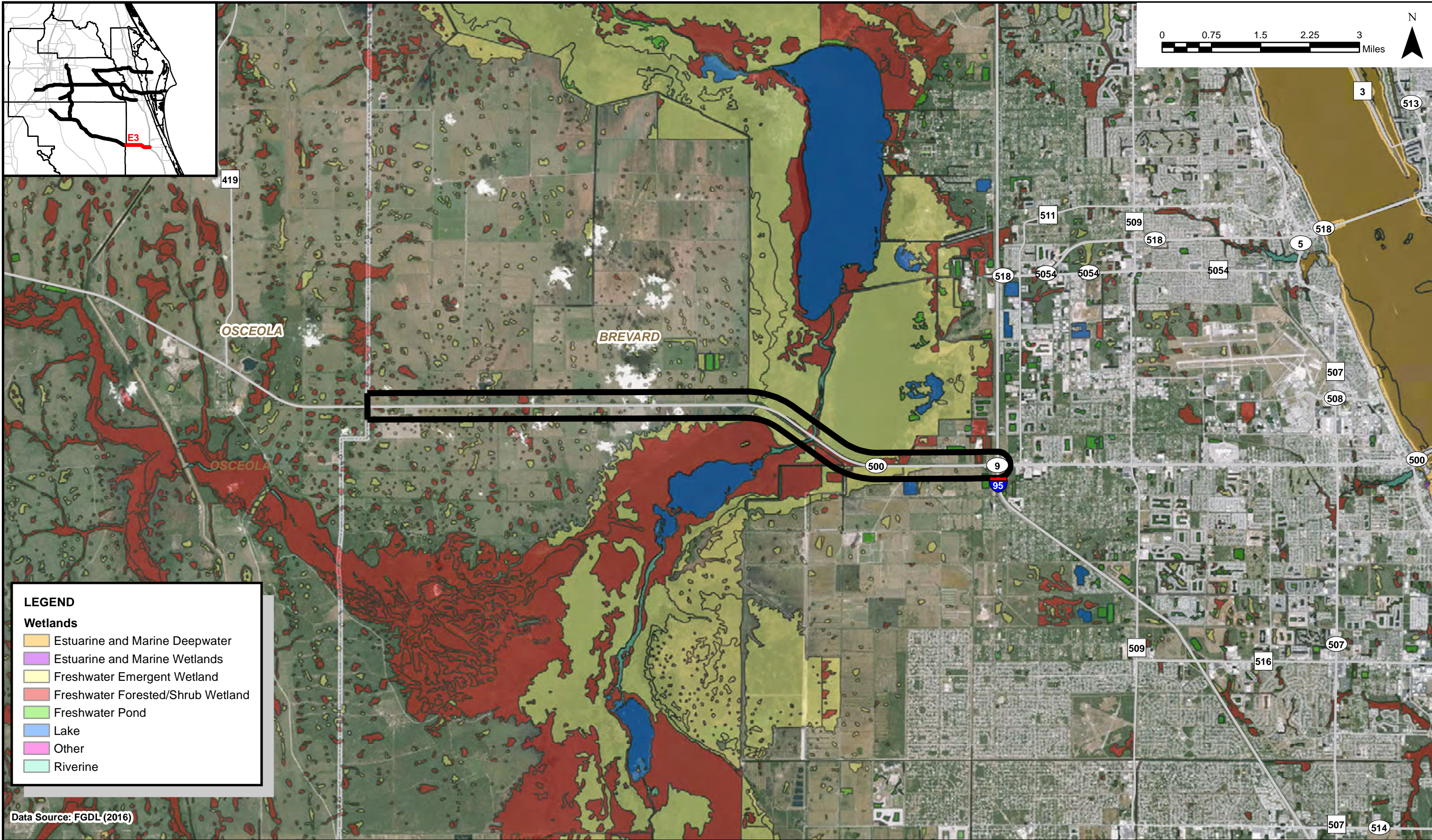
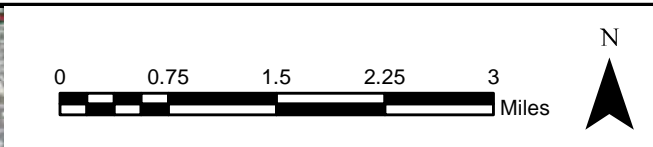
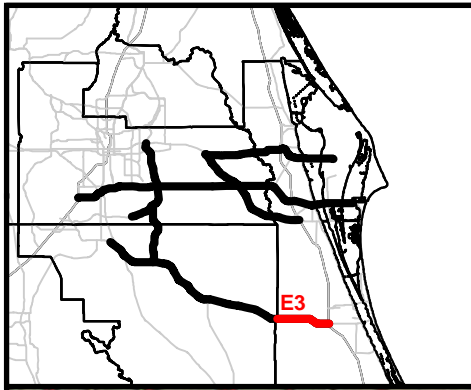


East Central Florida Corridor Evaluation Study



# Corridor E Wetlands

**FIGURE  
5.6-1  
SEGMENT E2**

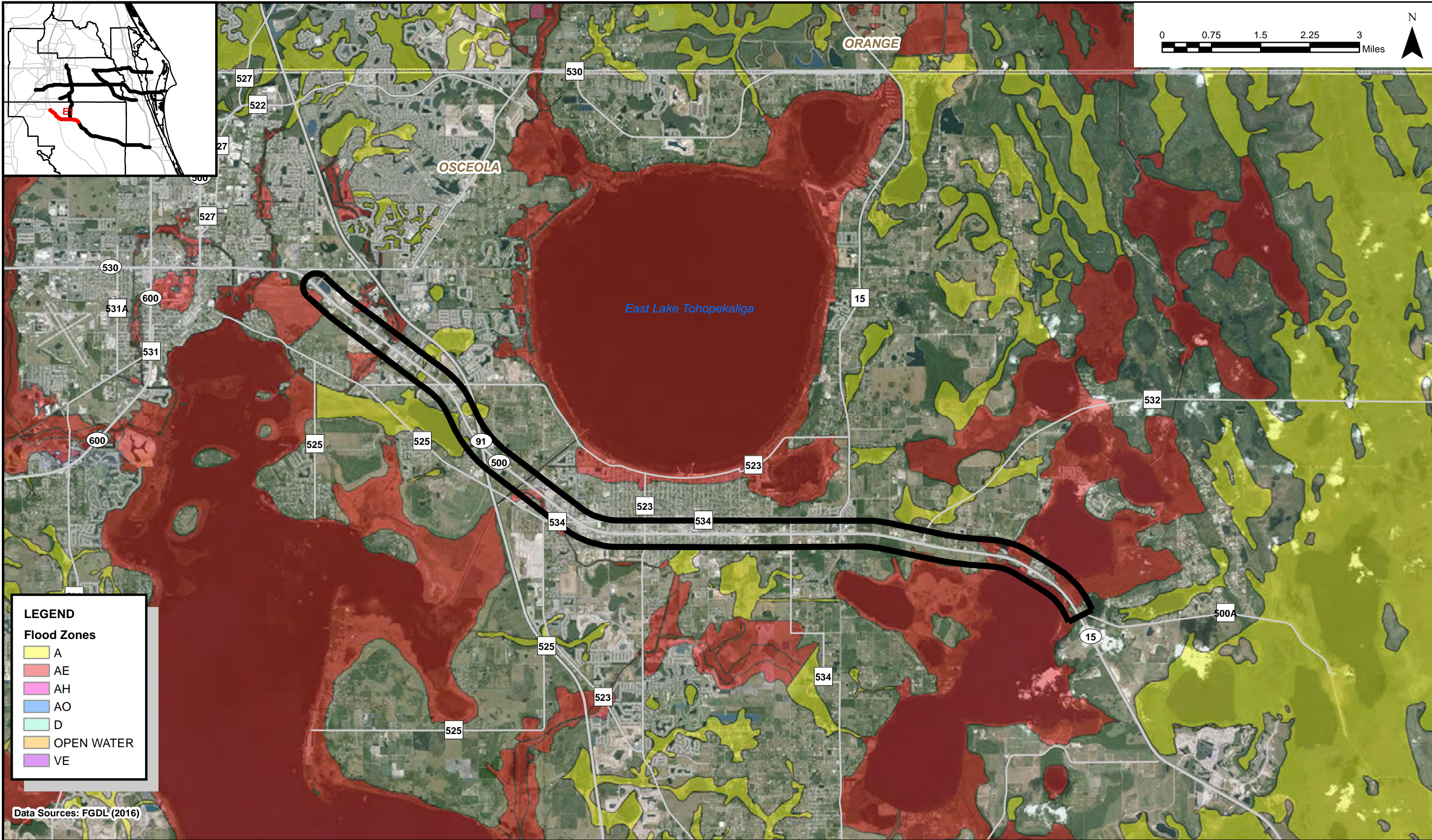
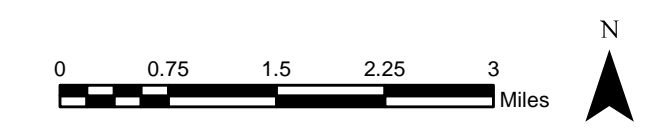
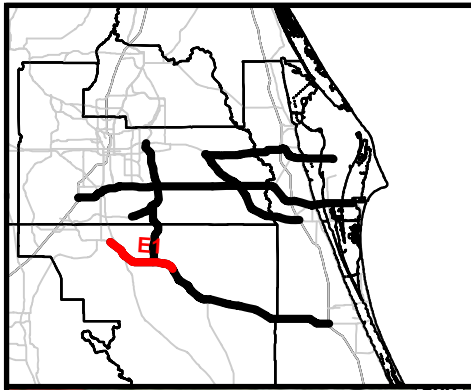


**LEGEND**

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetlands
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Data Source: FGDL (2016)



**LEGEND**

**Flood Zones**

- A
- AE
- AH
- AO
- D
- OPEN WATER
- VE

Data Sources: FGDL (2016)

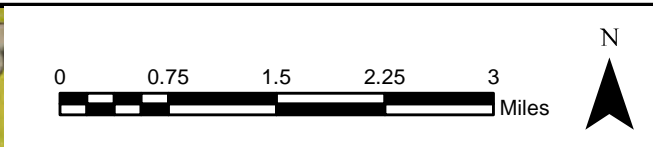
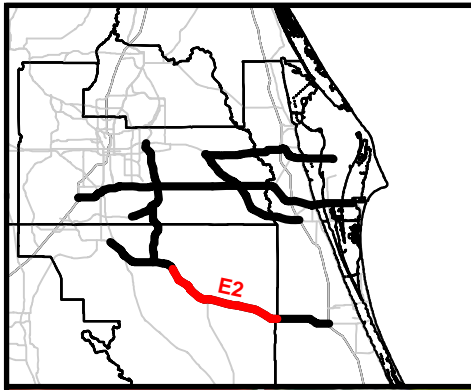


East Central Florida Corridor Evaluation Study



# Corridor E Flood Zones

**FIGURE**  
**5.6-2**  
**SEGMENT E1**



**LEGEND**

**Flood Zones**

- A
- AE
- AH
- AO
- D
- OPEN WATER
- VE

Data Sources: FGDL (2016)



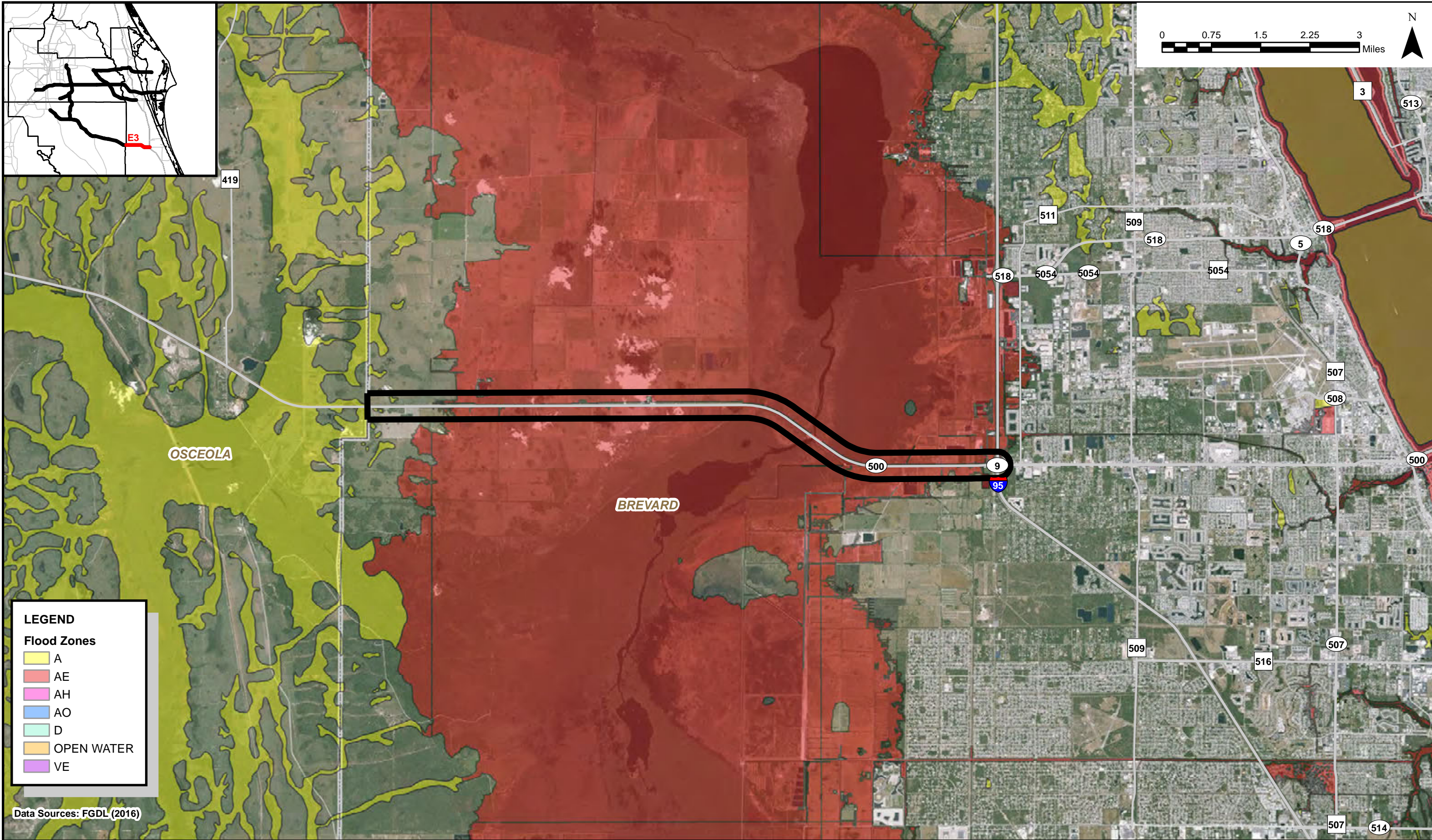
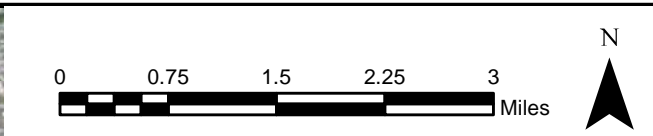
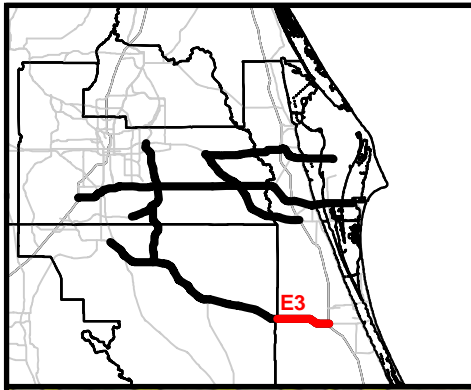
East Central Florida Corridor Evaluation Study



## Corridor E Flood Zones

**FIGURE  
5.6-2**

SEGMENT E2



**LEGEND**

**Flood Zones**

- A
- AE
- AH
- AO
- D
- OPEN WATER
- VE

Data Sources: FGDL (2016)



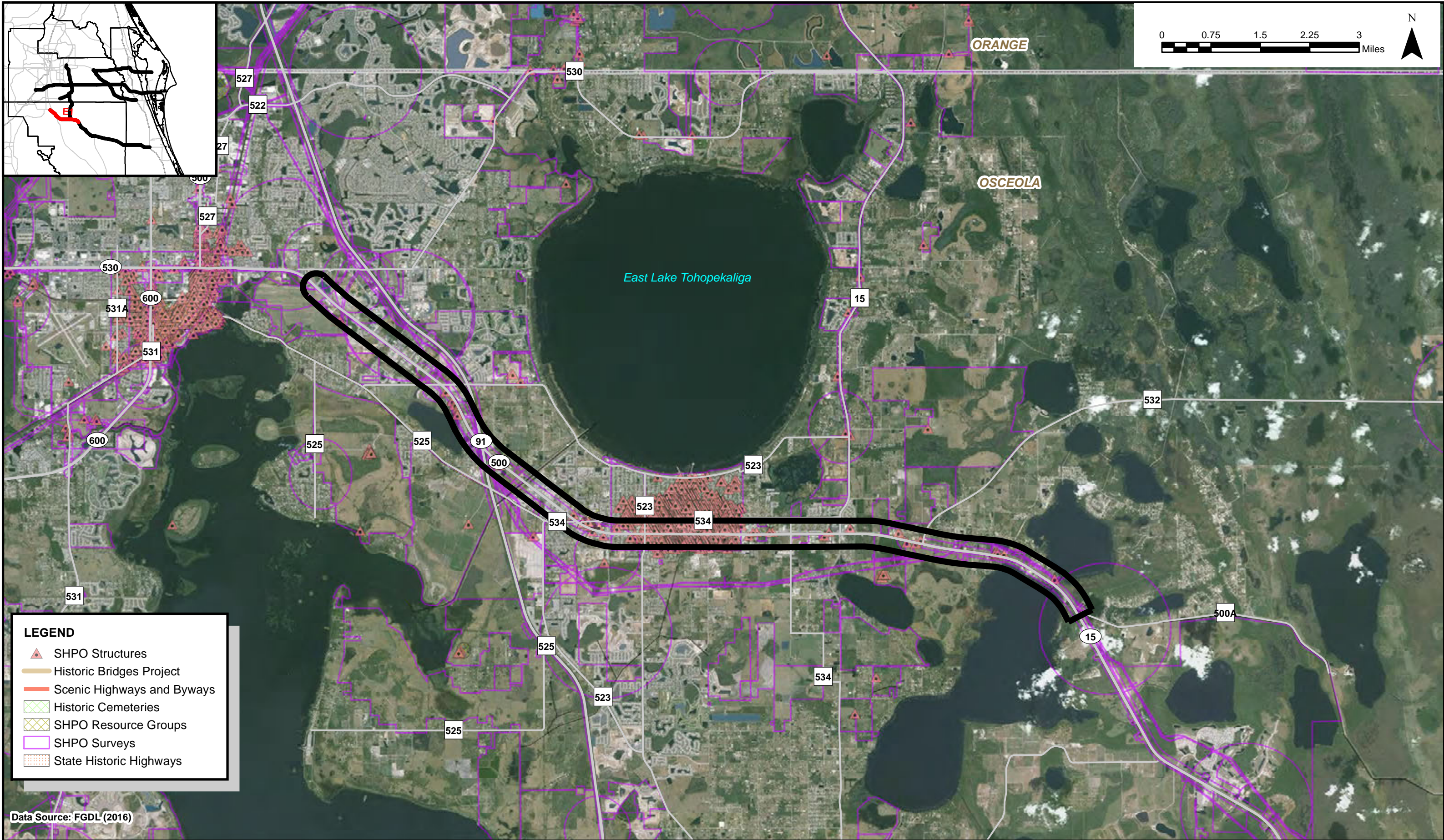
East Central Florida Corridor Evaluation Study



# Corridor E Flood Zones

**FIGURE  
5.6-2**

**SEGMENT E3**



**LEGEND**

- ▲ SHPO Structures
- Historic Bridges Project
- Scenic Highways and Byways
- ▨ Historic Cemeteries
- ▨ SHPO Resource Groups
- ▭ SHPO Surveys
- ▨ State Historic Highways

Data Source: FGDL (2016)



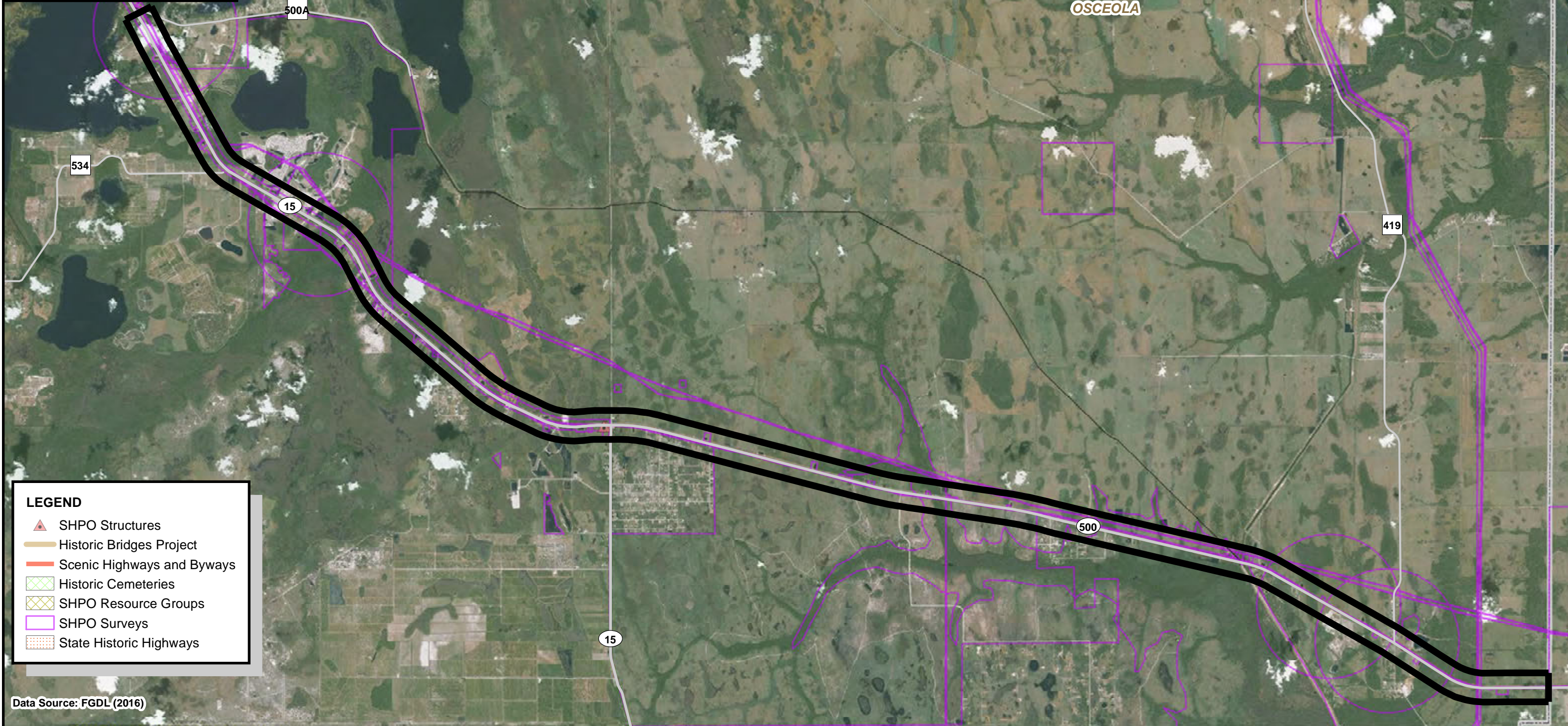
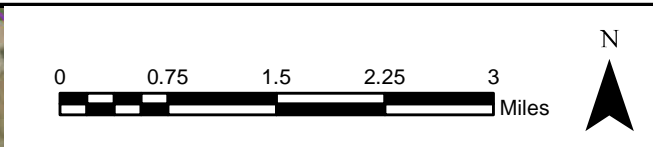
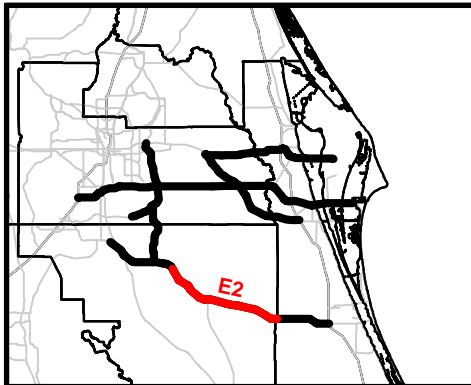
East Central Florida Corridor Evaluation Study










**Corridor E**  
**Historic and Cultural Resources**

**FIGURE**  
**5.6-3**  
 SEGMENT E1

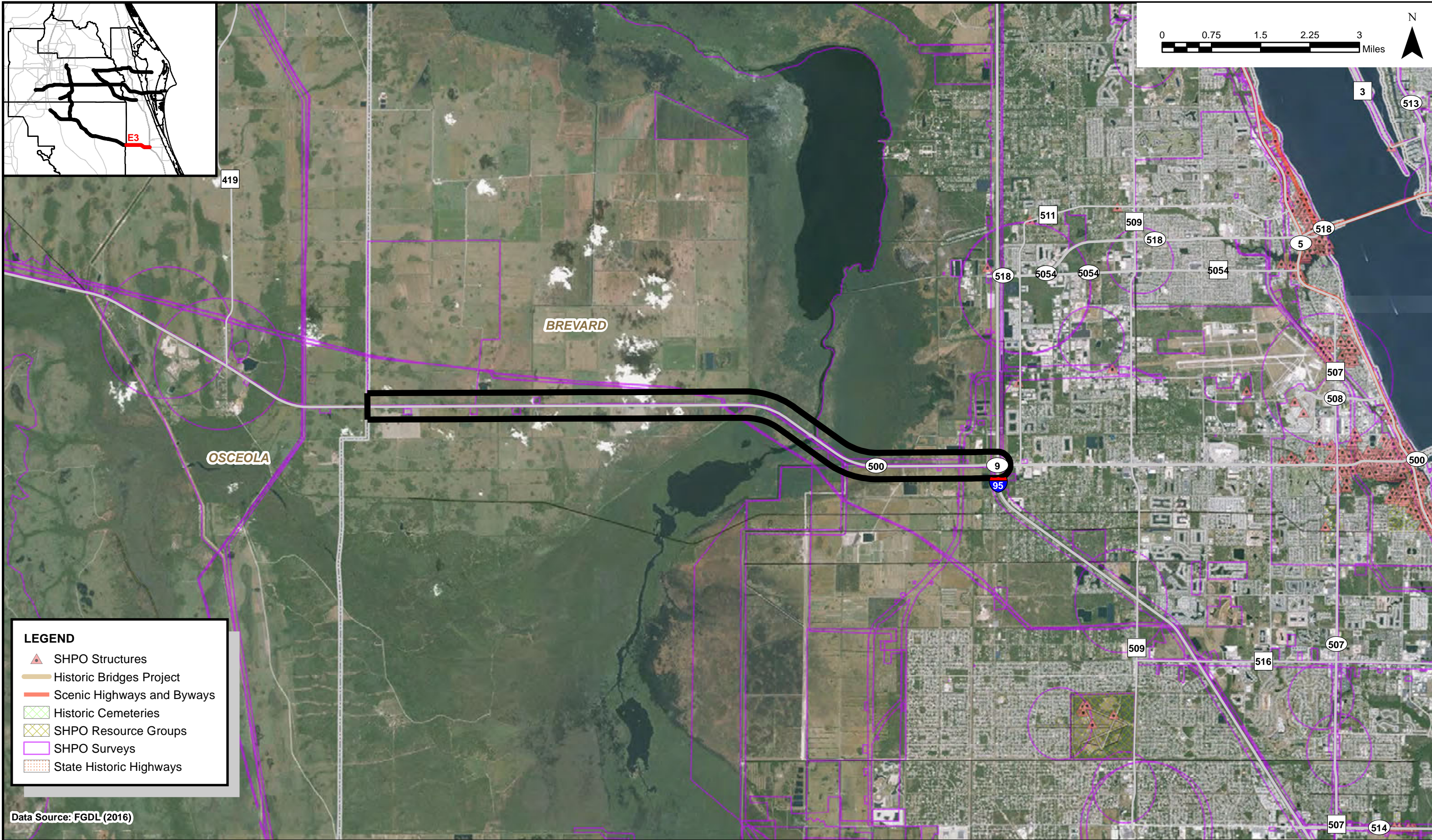
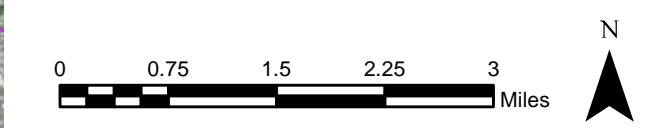
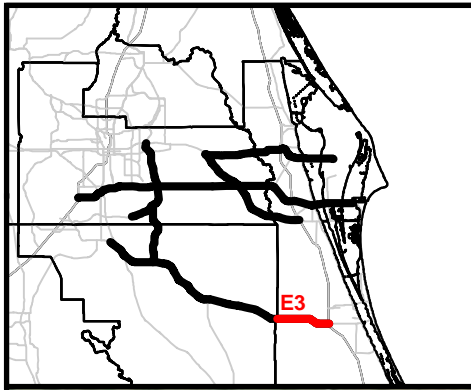











**LEGEND**

-  SHPO Structures
-  Historic Bridges Project
-  Scenic Highways and Byways
-  Historic Cemeteries
-  SHPO Resource Groups
-  SHPO Surveys
-  State Historic Highways

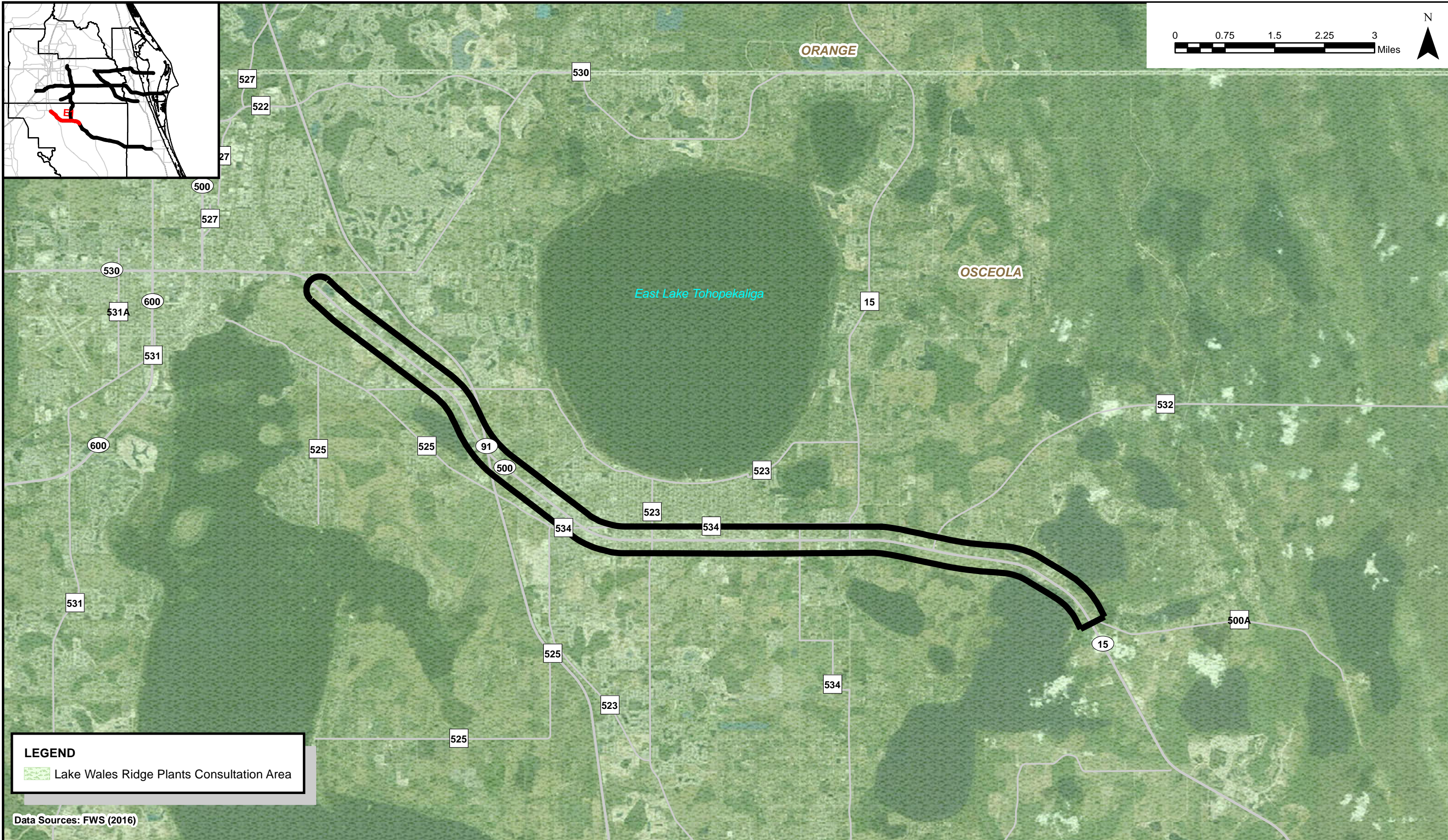
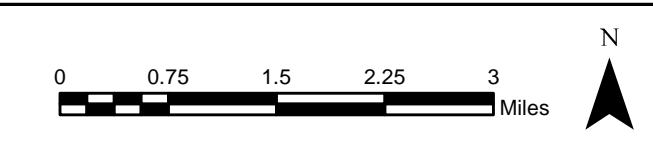
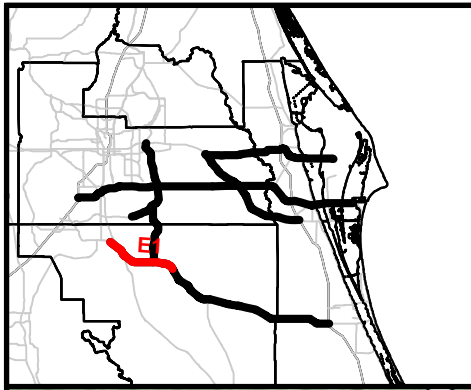
Data Source: FGDL (2016)



**LEGEND**

-  SHPO Structures
-  Historic Bridges Project
-  Scenic Highways and Byways
-  Historic Cemeteries
-  SHPO Resource Groups
-  SHPO Surveys
-  State Historic Highways

Data Source: FGDL (2016)



**LEGEND**  
 Lake Wales Ridge Plants Consultation Area

Data Sources: FWS (2016)

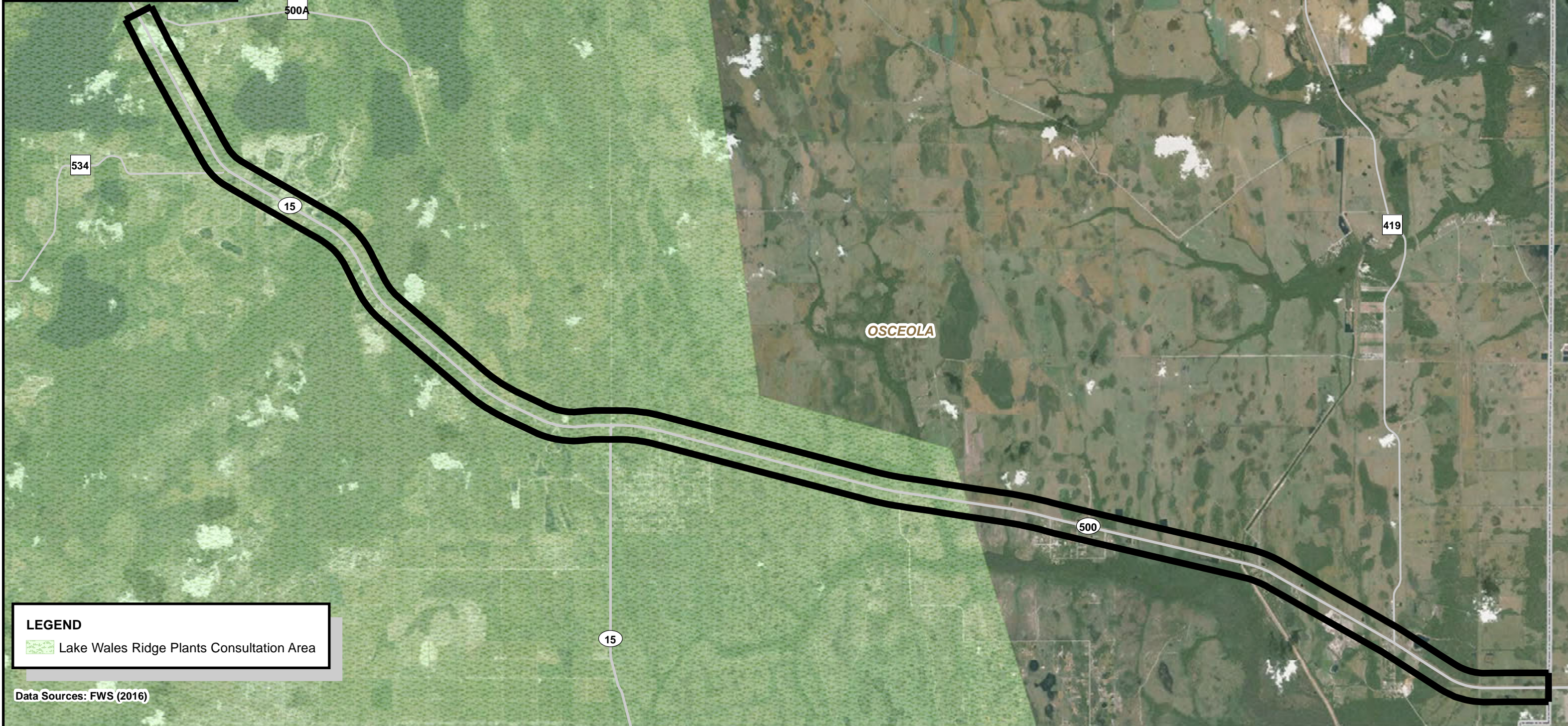
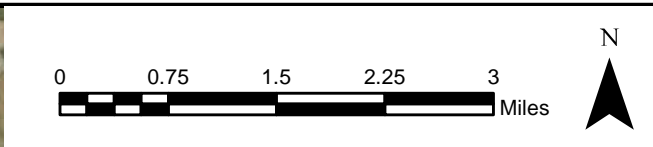
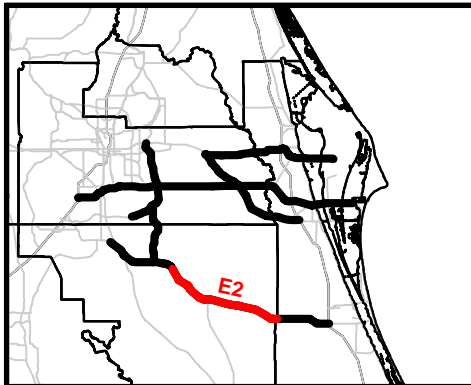


East Central Florida Corridor Evaluation Study



**Corridor E**  
**Threatened and Endangered Species (Plants)**

**FIGURE**  
**5.6-4**  
 SEGMENT E1



**LEGEND**  
 Lake Wales Ridge Plants Consultation Area

Data Sources: FWS (2016)

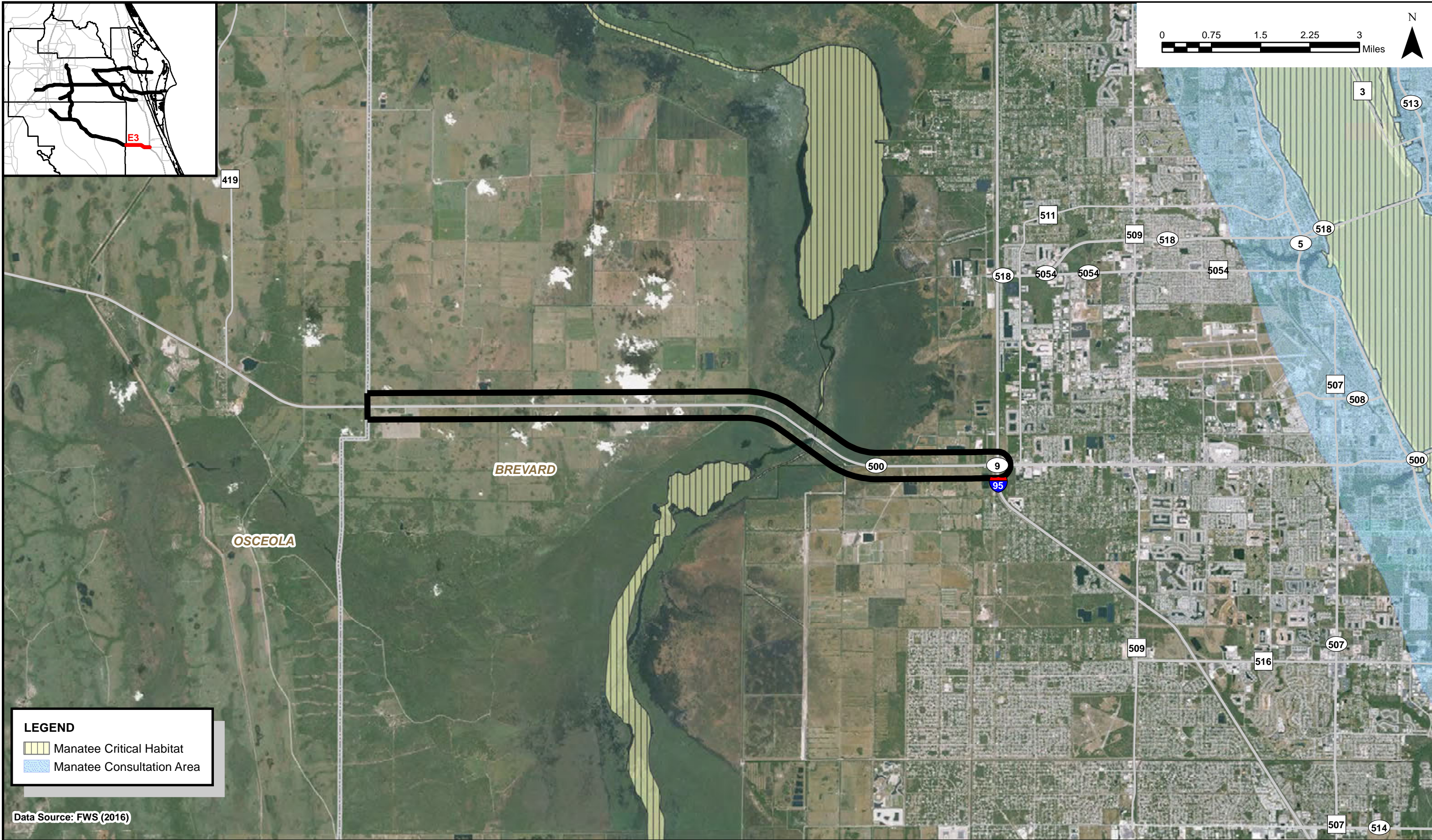
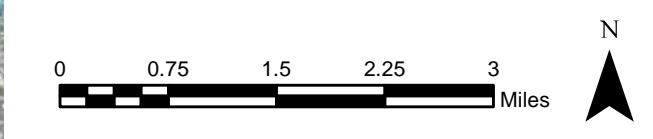
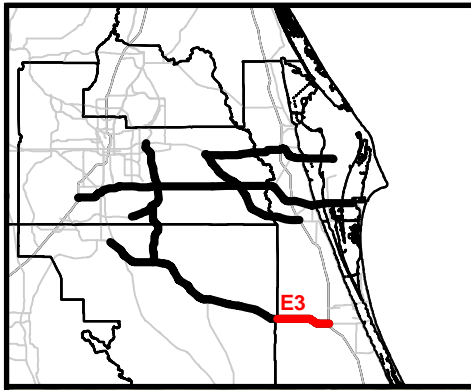


East Central Florida Corridor Evaluation Study





**Corridor E**  
**Threatened and Endangered Species (Plants)**

**FIGURE**  
**5.6-4**  
**SEGMENT E2**



**LEGEND**

-  Manatee Critical Habitat
-  Manatee Consultation Area

Data Source: FWS (2016)



East Central Florida Corridor Evaluation Study

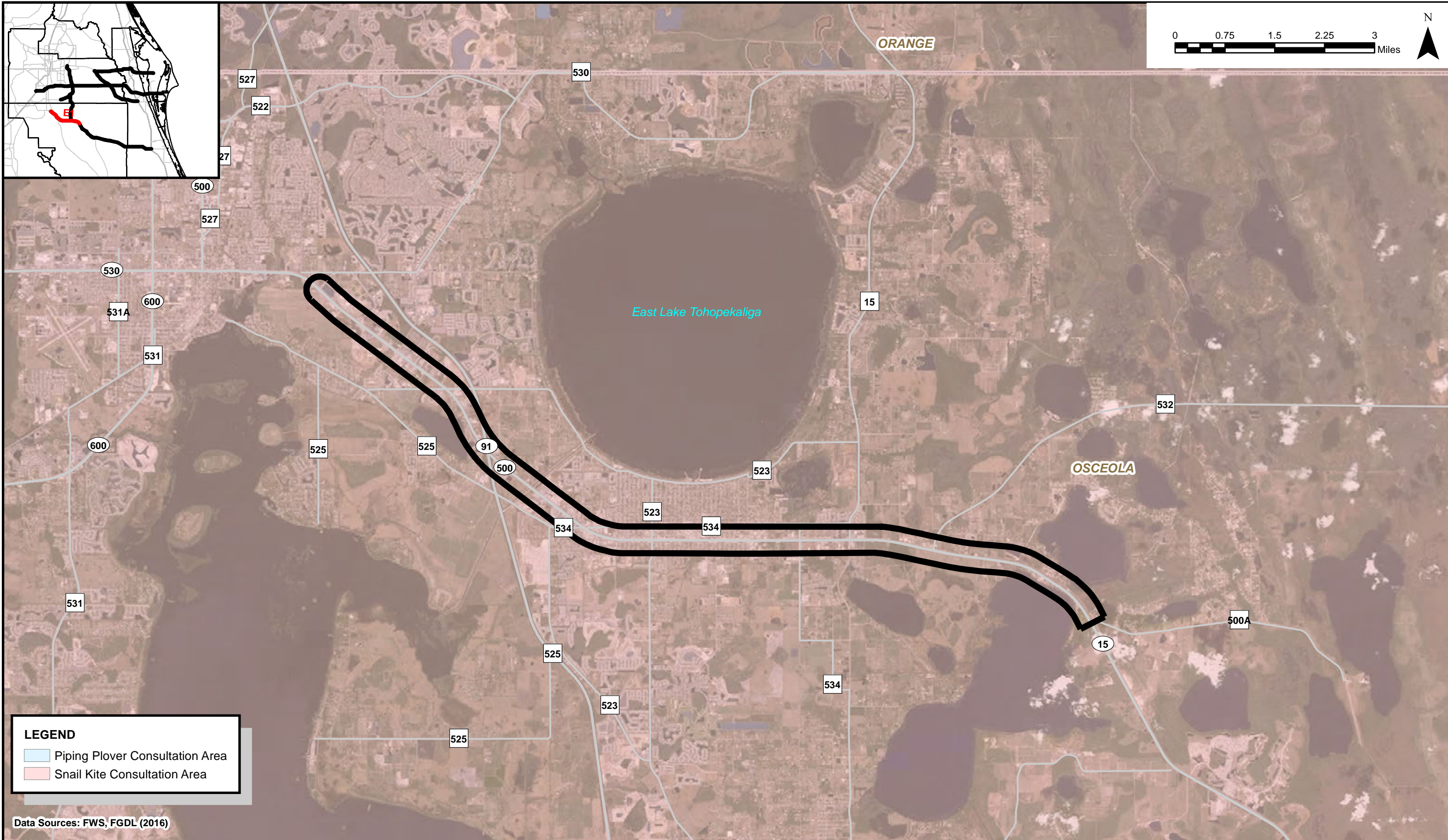
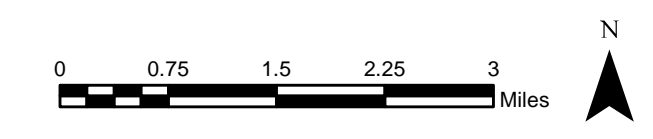
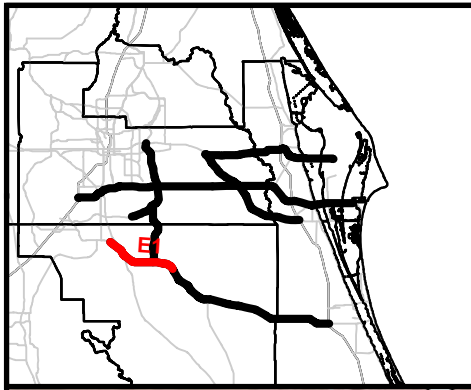


**Corridor E**

**Threatened and Endangered Species (Manatee)**

**FIGURE**  
**5.6-4**

SEGMENT E3



**LEGEND**

- Piping Plover Consultation Area
- Snail Kite Consultation Area

Data Sources: FWS, FGDL (2016)



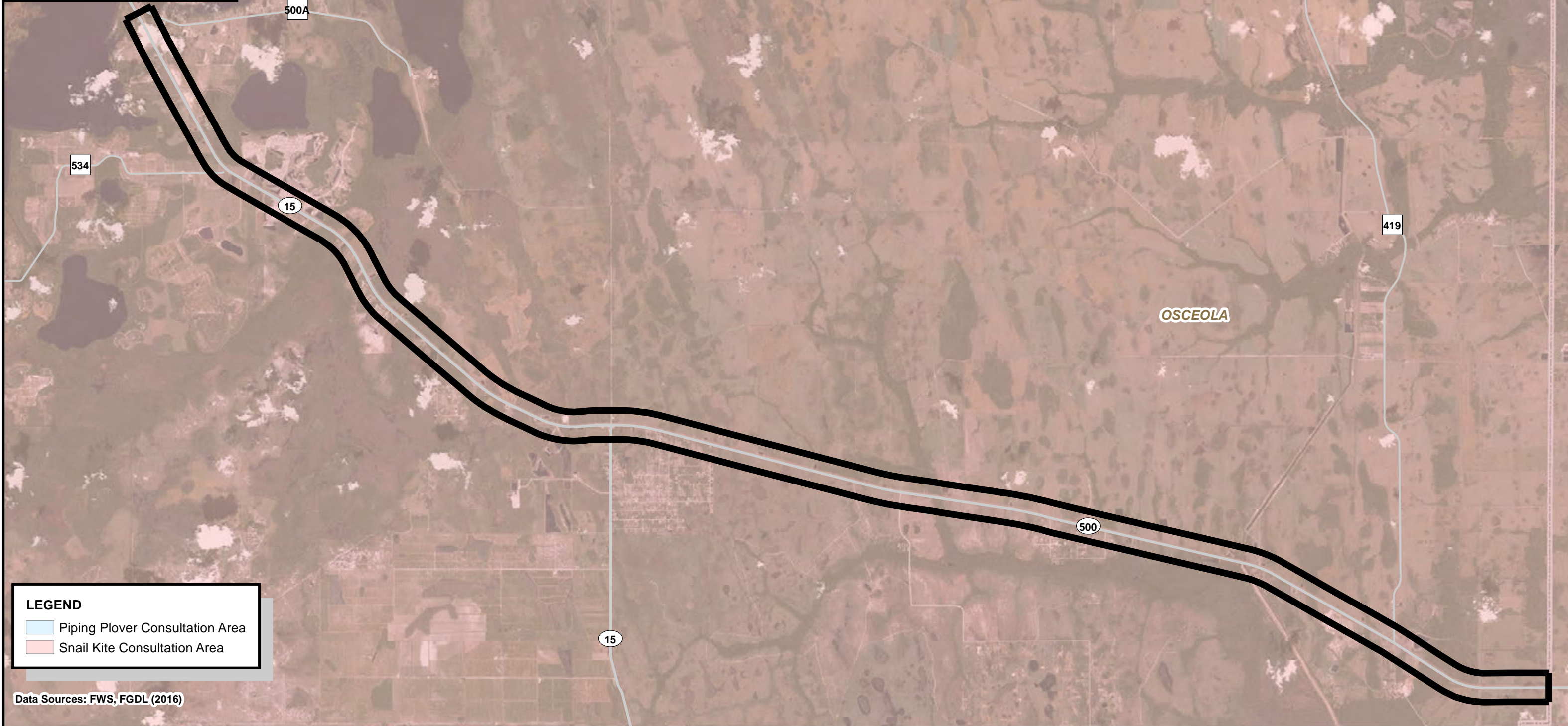
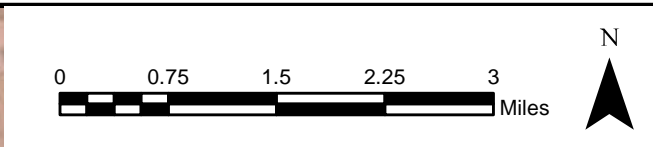
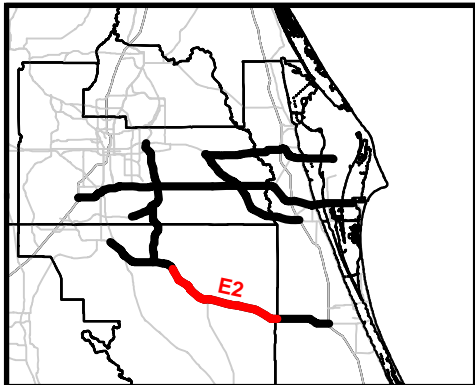
East Central Florida Corridor Evaluation Study



**Corridor E**  
**Threatened and Endangered Species**  
**(Piping Plover and Snail Kite)**

**FIGURE**  
**5.6-4**

SEGMENT E1



**LEGEND**

- Piping Plover Consultation Area
- Snail Kite Consultation Area

Data Sources: FWS, FGDL (2016)



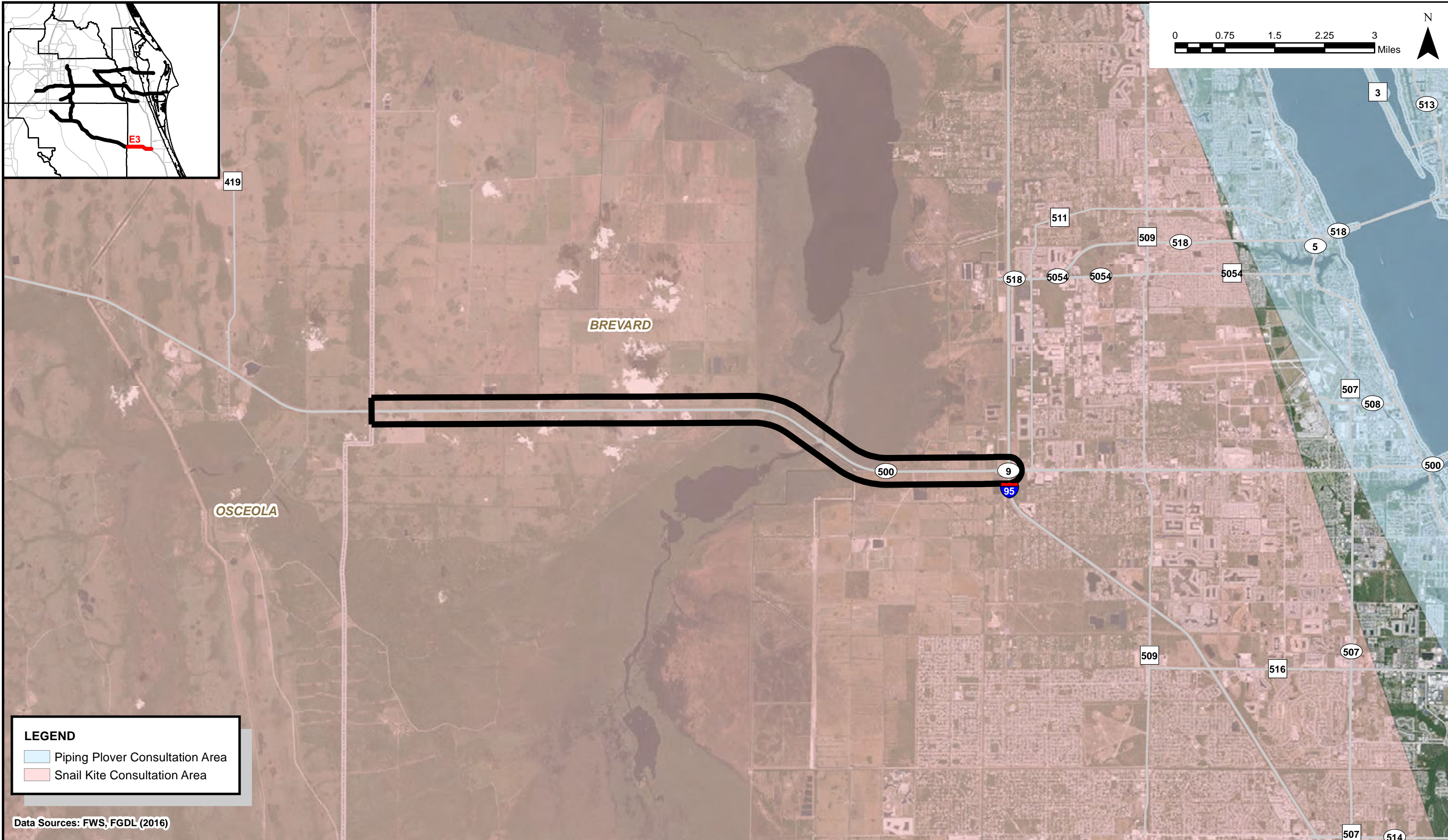
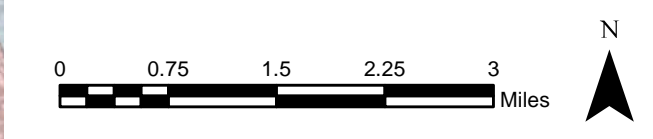
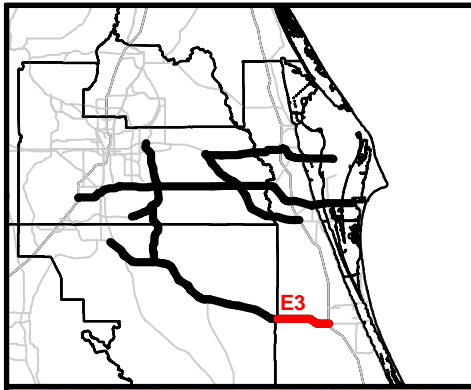
East Central Florida Corridor Evaluation Study



**Corridor E  
Threatened and Endangered Species  
(Piping Plover and Snail Kite)**

**FIGURE  
5.6-4**

**SEGMENT E2**

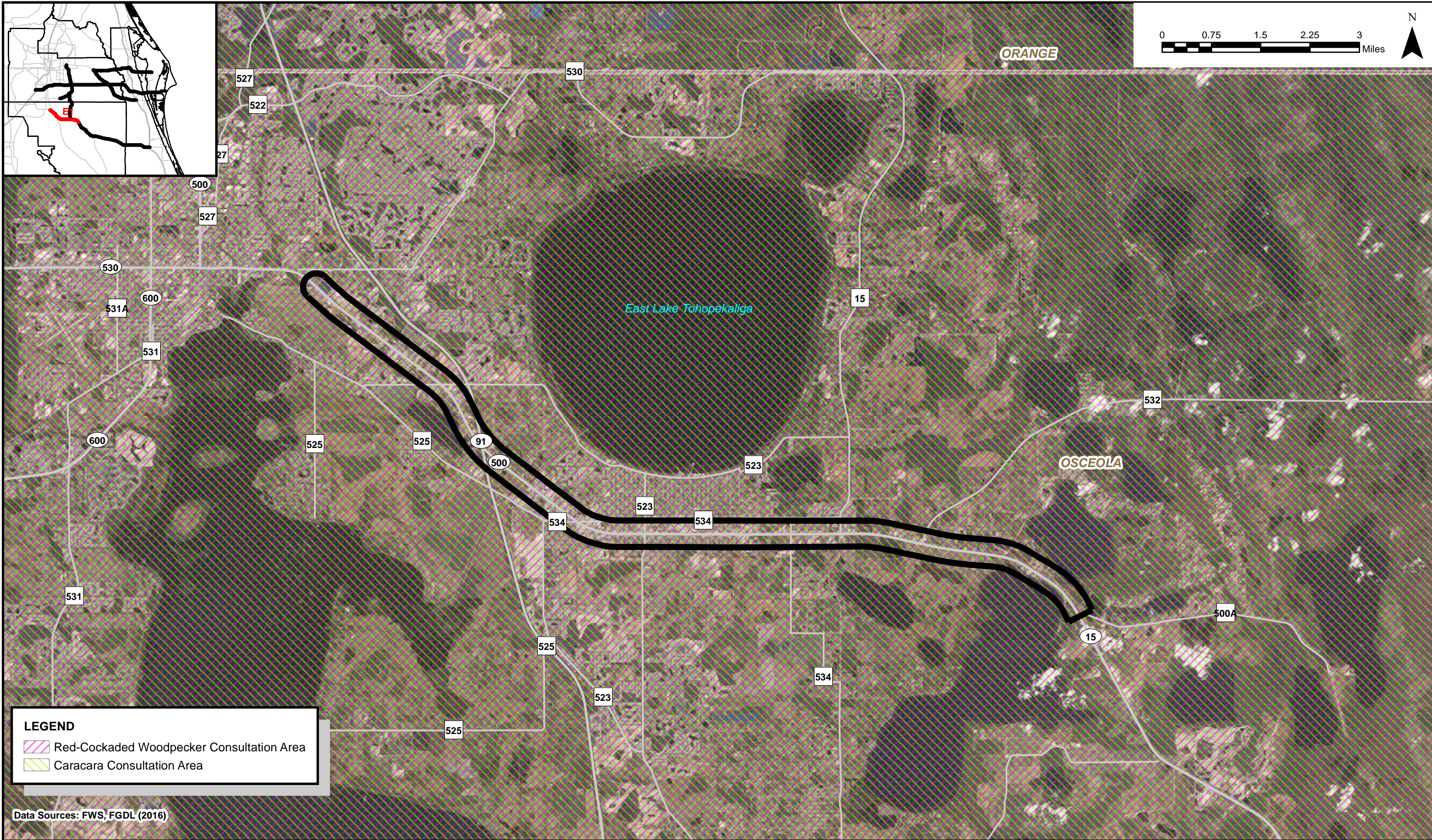
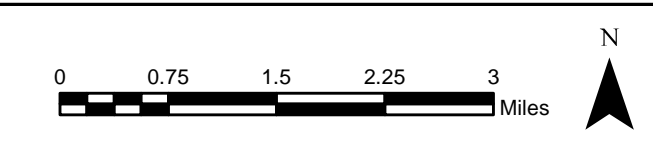
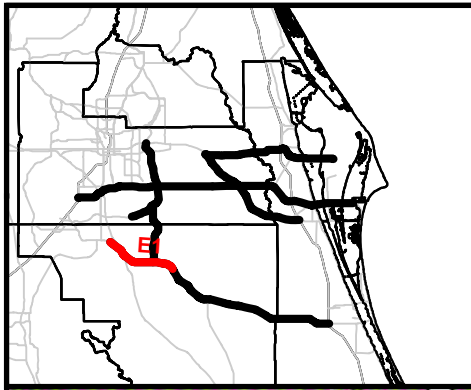


**LEGEND**



- Piping Plover Consultation Area
- Snail Kite Consultation Area

Data Sources: FWS, FGDL (2016)





**LEGEND**

-  Red-Cockaded Woodpecker Consultation Area
-  Caracara Consultation Area

Data Sources: FWS, FGDL (2016)



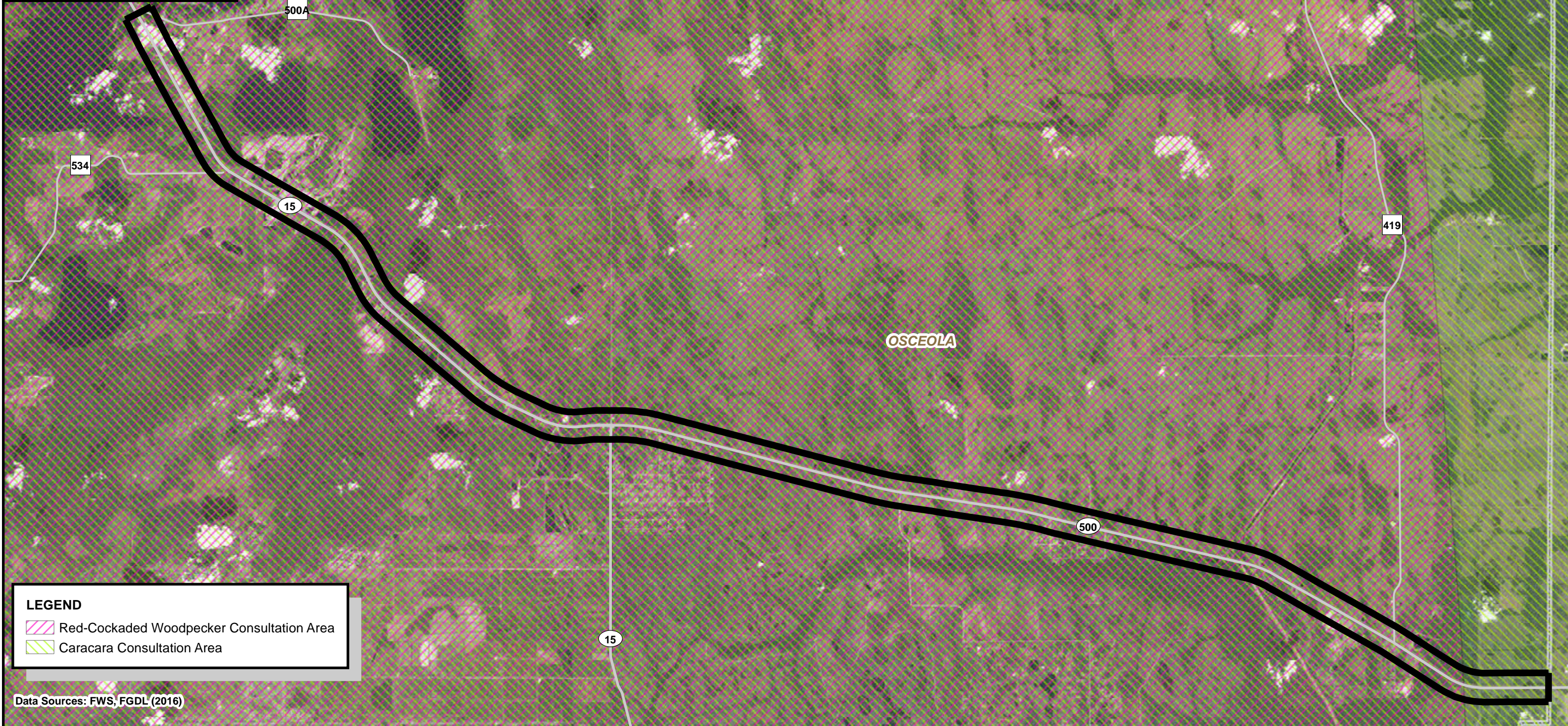
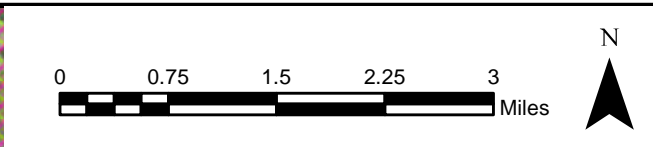
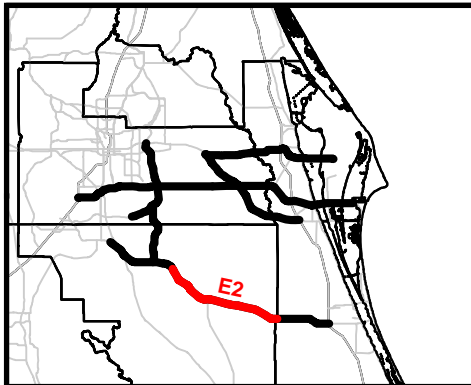
East Central Florida Corridor Evaluation Study



**Corridor E**  
**Threatened and Endangered Species**  
**(Red-Cockaded Woodpecker and Caracara)**

**FIGURE**  
**5.6-4**

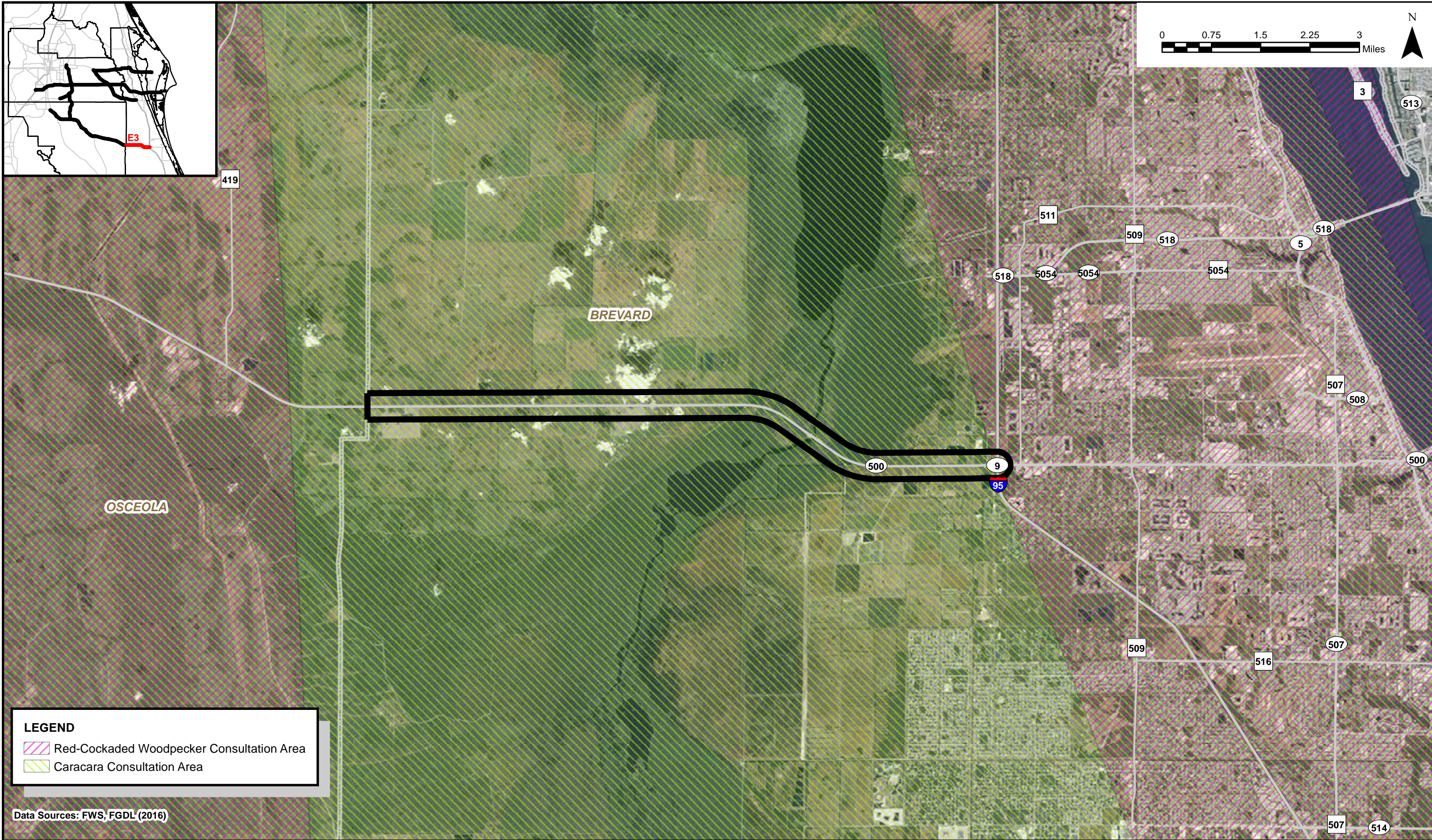
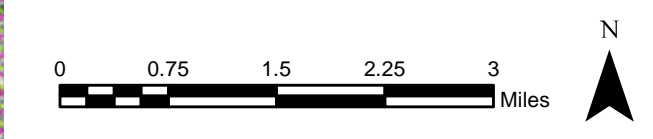
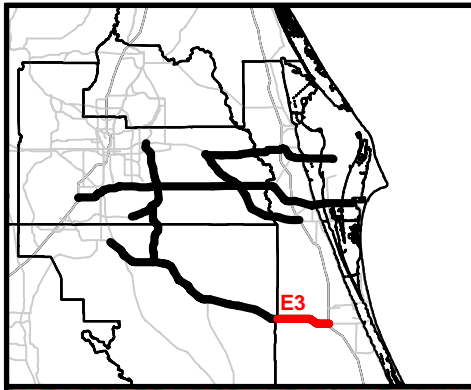
SEGMENT E1



**LEGEND**

- Red-Cockaded Woodpecker Consultation Area
- Caracara Consultation Area

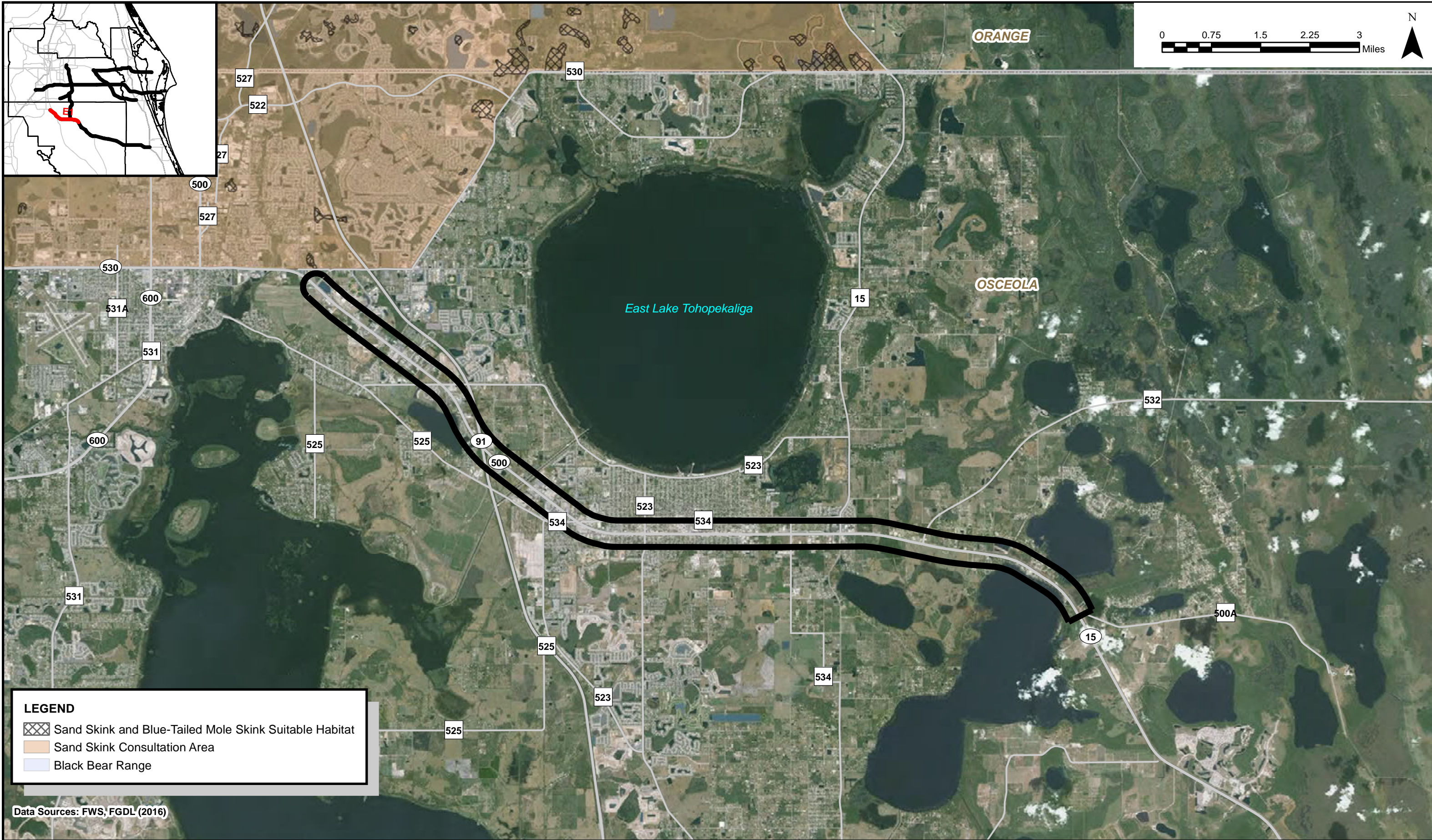
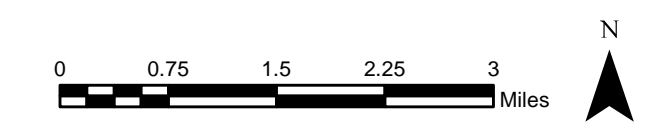
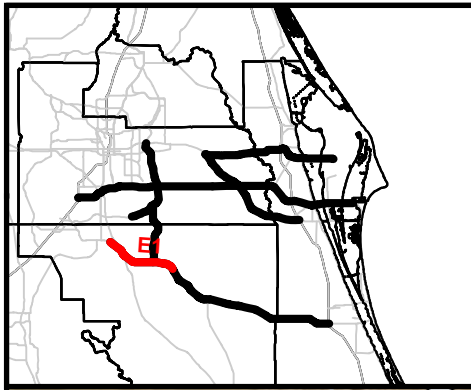
Data Sources: FWS, FGDL (2016)



**LEGEND**

- Red-Cockaded Woodpecker Consultation Area
- Caracara Consultation Area

Data Sources: FWS, FGDL (2016)



**LEGEND**

-  Sand Skink and Blue-Tailed Mole Skink Suitable Habitat
-  Sand Skink Consultation Area
-  Black Bear Range

Data Sources: FWS, FGDL (2016)

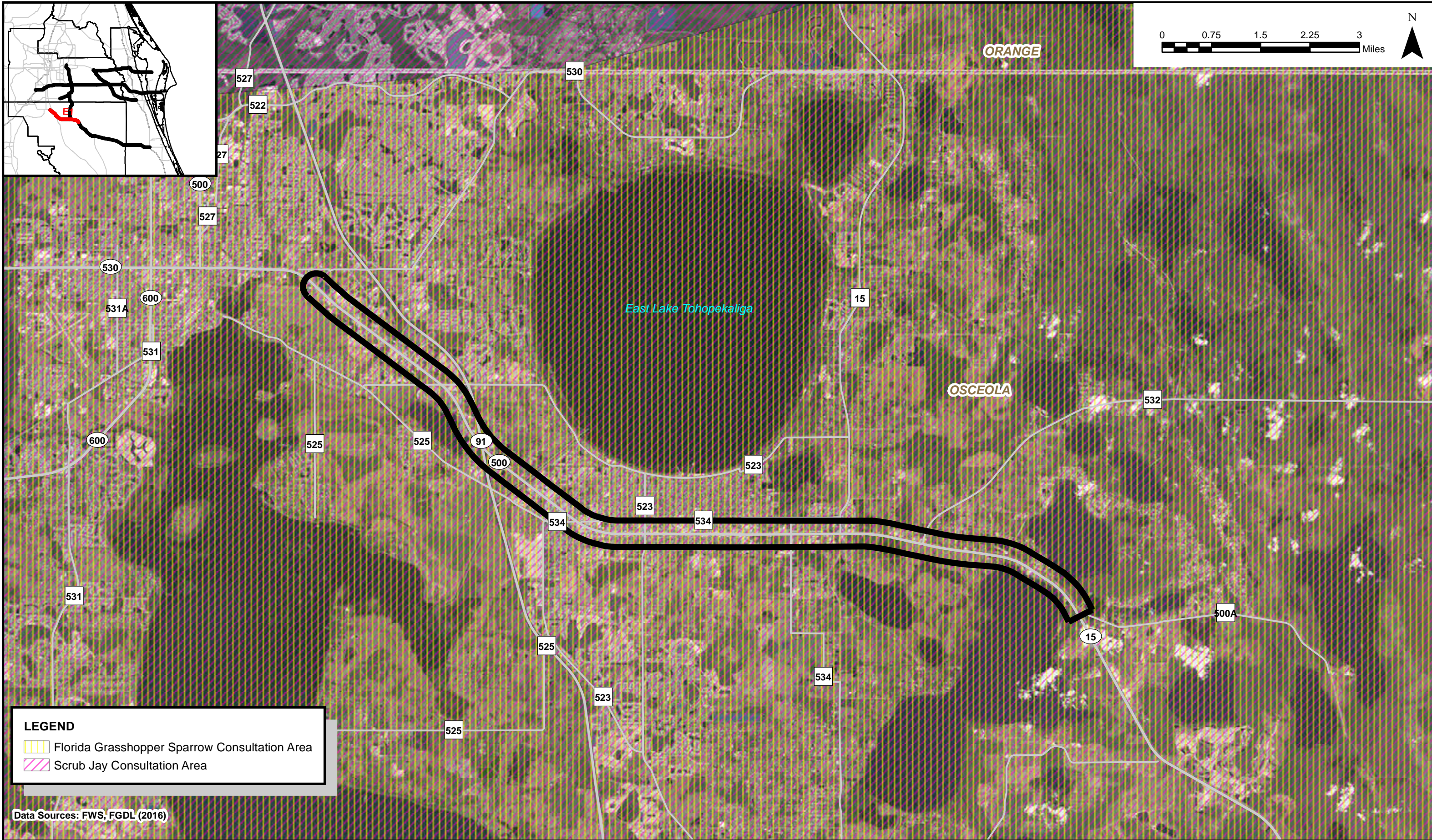
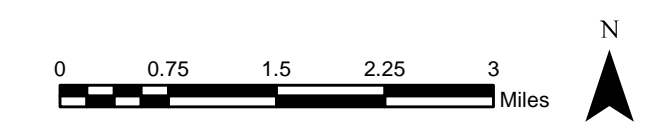
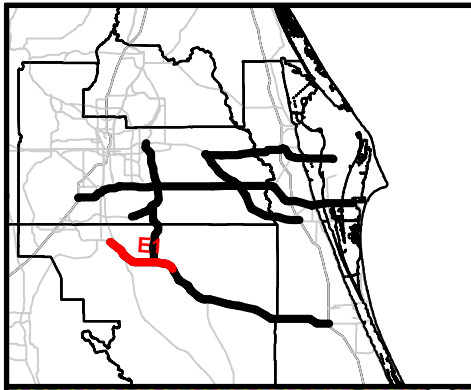


East Central Florida Corridor Evaluation Study



**Corridor E**  
**Threatened and Endangered Species**  
**(Sand Skink, Blue-Tailed Mole Skink and Black Bear)**

**FIGURE**  
**5.6-4**  
**SEGMENT E1**



**LEGEND**

- Florida Grasshopper Sparrow Consultation Area
- Scrub Jay Consultation Area

Data Sources: FWS, FGDL (2016)



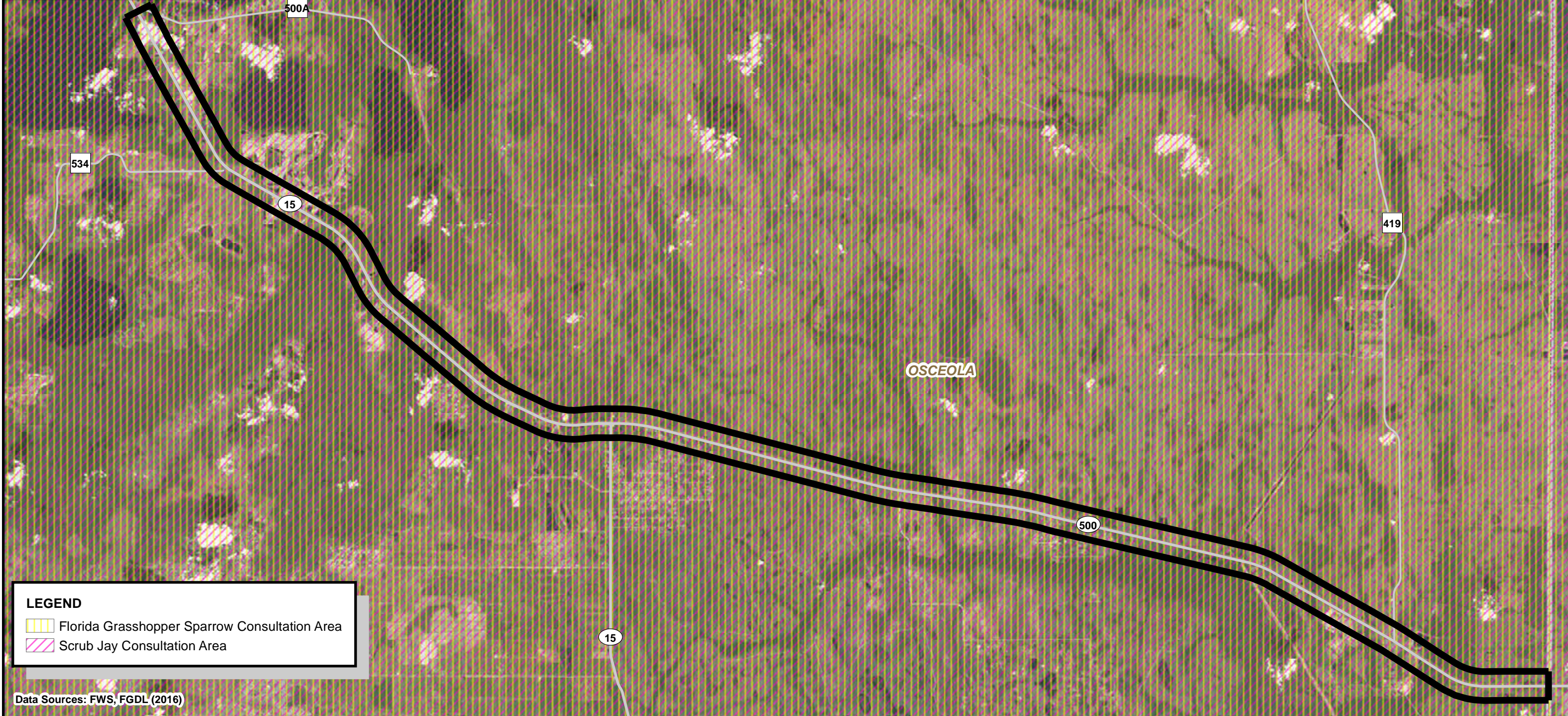
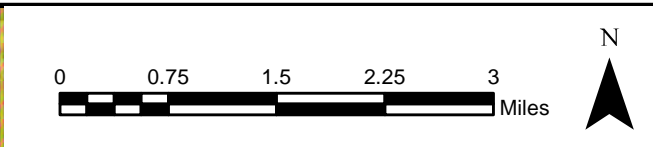
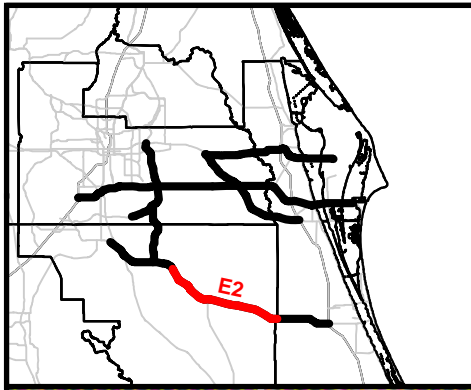
East Central Florida Corridor Evaluation Study



**Corridor E**  
**Threatened and Endangered Species**  
**(Grasshopper Sparrow and Scrub Jay)**

**FIGURE 5.6-4**

SEGMENT E1



**LEGEND**

- Florida Grasshopper Sparrow Consultation Area
- Scrub Jay Consultation Area

Data Sources: FWS, FGDL (2016)



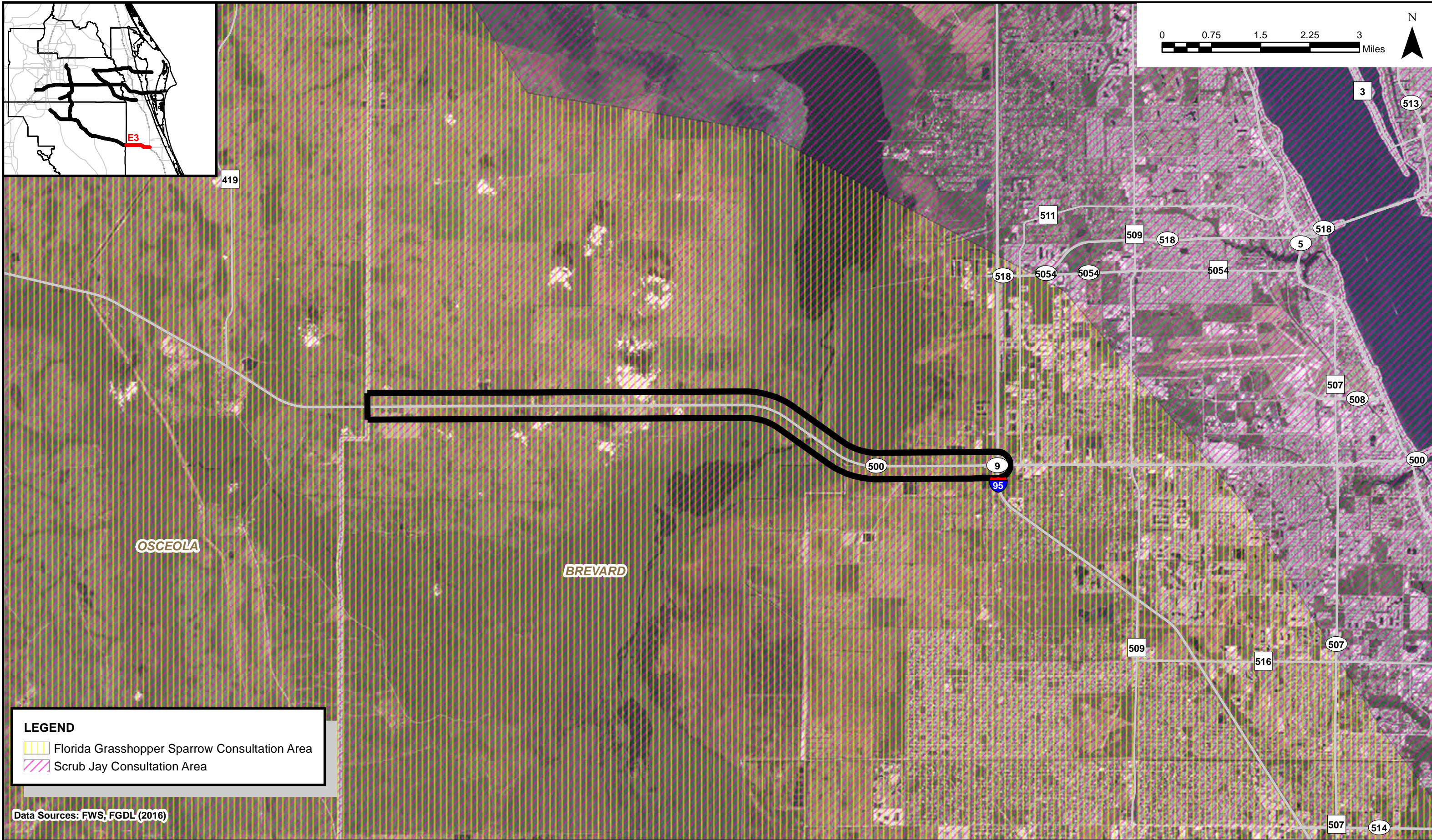
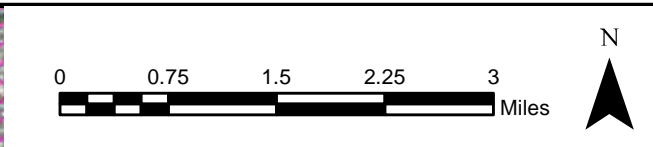
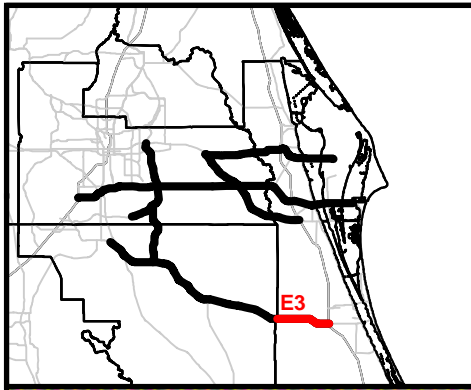
East Central Florida Corridor Evaluation Study



**Corridor E**  
**Threatened and Endangered Species**  
**(Grasshopper Sparrow and Scrub Jay)**

**FIGURE 5.6-4**

**SEGMENT E2**



**LEGEND**

- Florida Grasshopper Sparrow Consultation Area
- Scrub Jay Consultation Area

Data Sources: FWS, FGDL (2016)

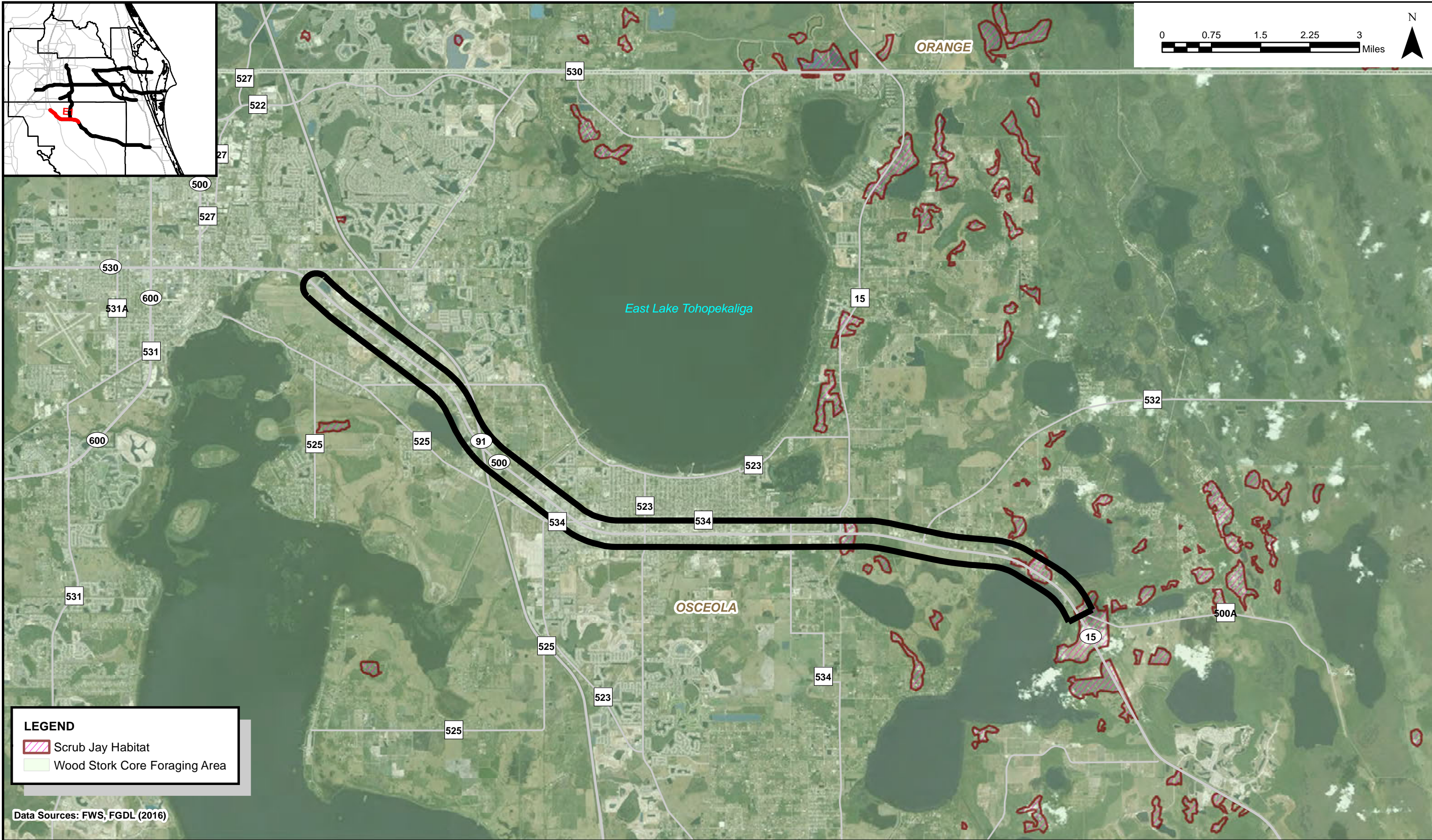
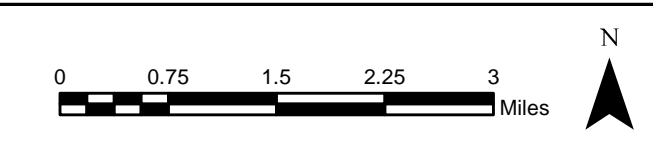
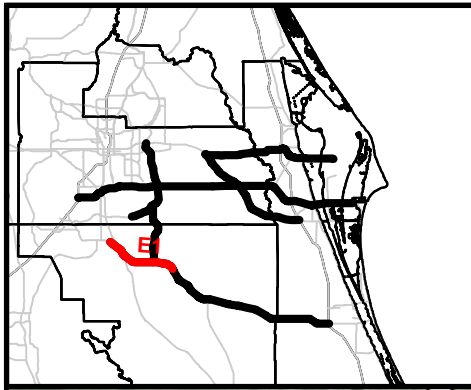


East Central Florida Corridor Evaluation Study





**Corridor E**  
**Threatened and Endangered Species**  
**(Grasshopper Sparrow and Scrub Jay)**

**FIGURE**  
**5.6-4**  
**SEGMENT E3**



**LEGEND**

-  Scrub Jay Habitat
-  Wood Stork Core Foraging Area

Data Sources: FWS, FGDL (2016)



East Central Florida Corridor Evaluation Study

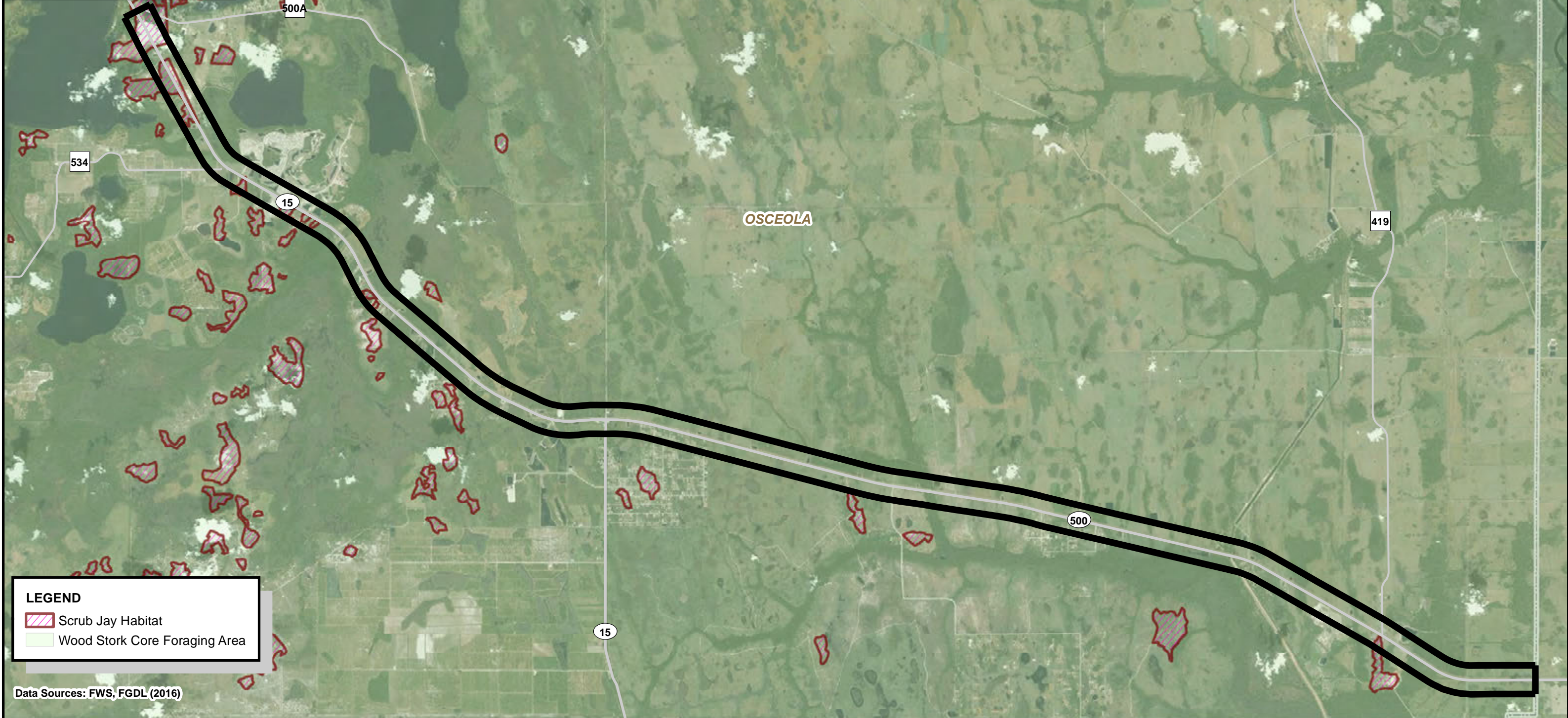
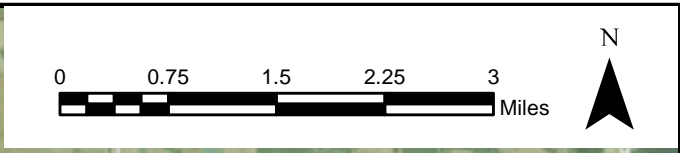
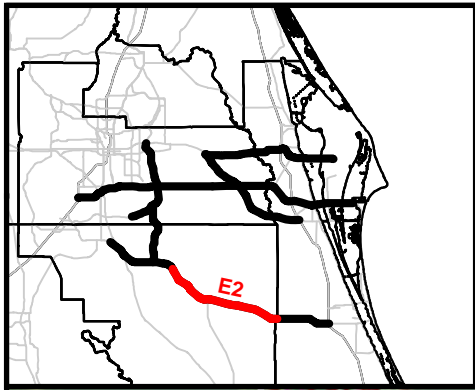


**Corridor E**  
**Threatened and Endangered Species**  
**(Scrub Jay and Wood Stork)**



**FIGURE**  
**5.6-4**

**SEGMENT E1**





**LEGEND**

-  Scrub Jay Habitat
-  Wood Stork Core Foraging Area

Data Sources: FWS, FGDL (2016)



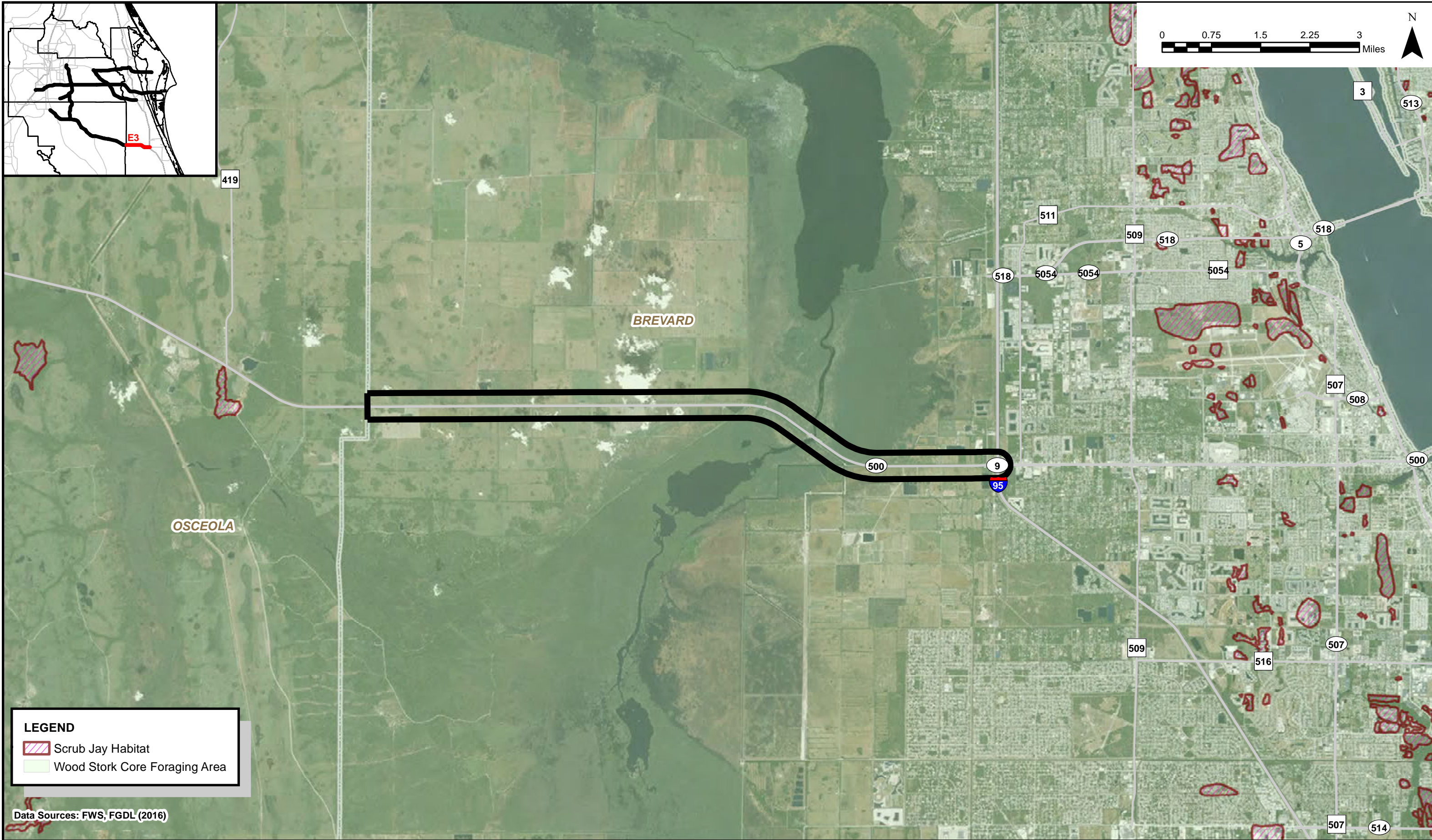
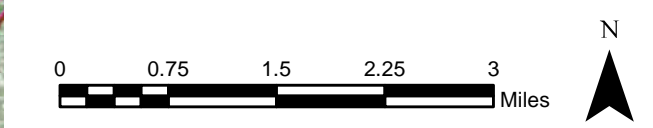
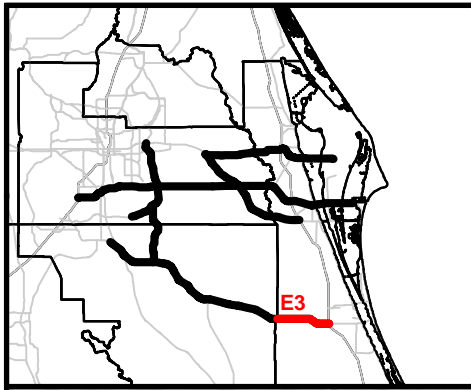
East Central Florida Corridor Evaluation Study



**Corridor E**  
**Threatened and Endangered Species**  
**(Scrub Jay and Wood Stork)**

**FIGURE**  
**5.6-4**

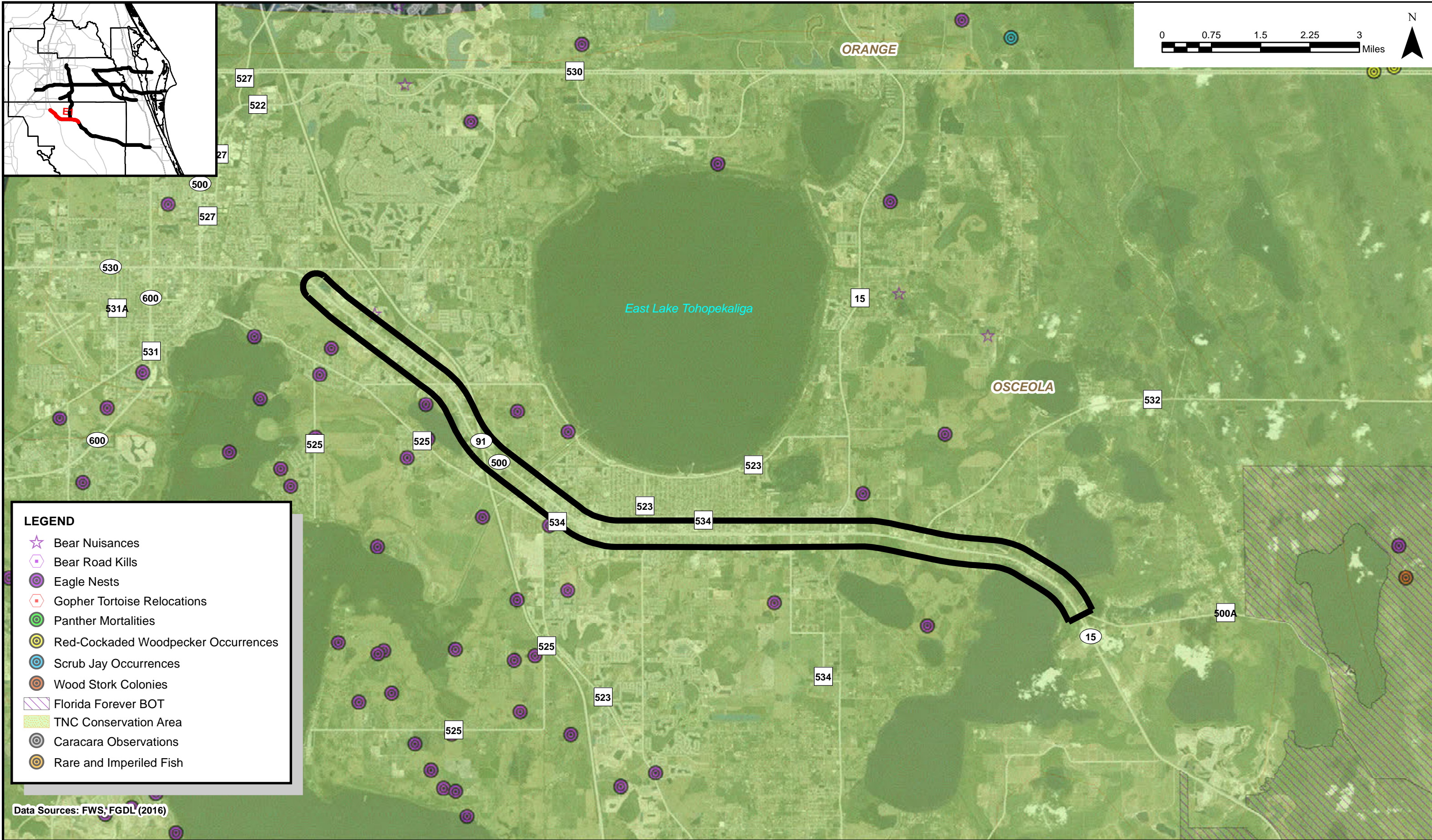
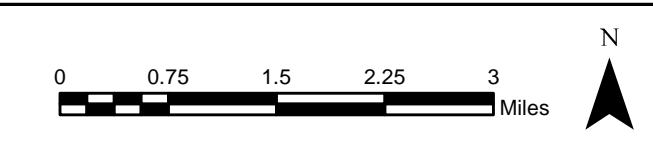
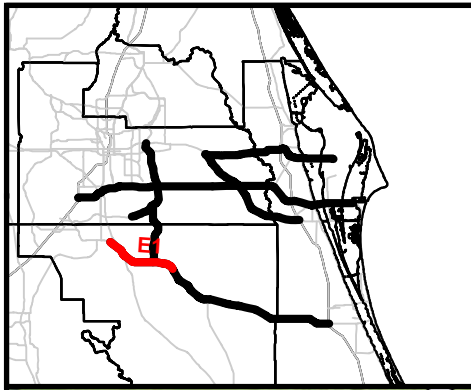
**SEGMENT E2**



**LEGEND**

- Scrub Jay Habitat
- Wood Stork Core Foraging Area

Data Sources: FWS, FGDL (2016)

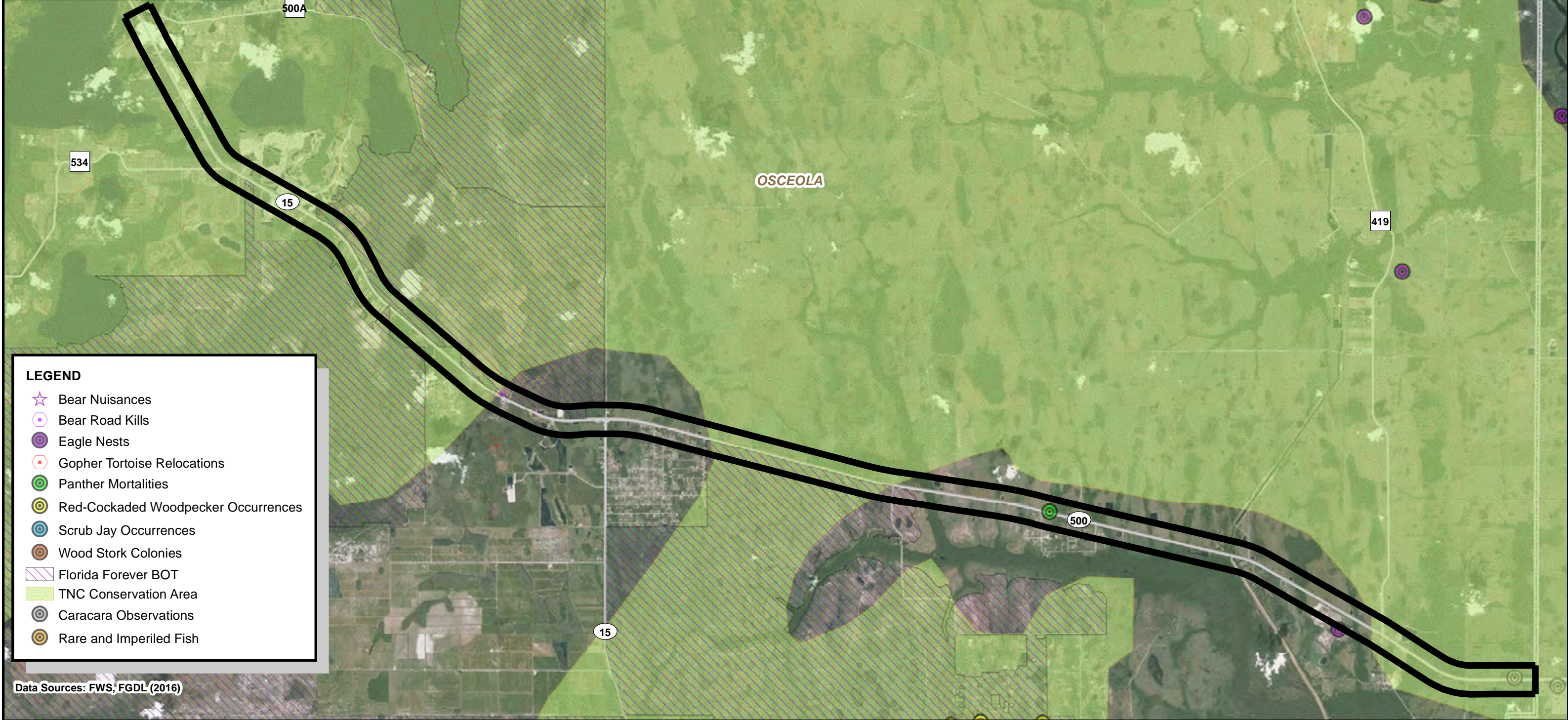
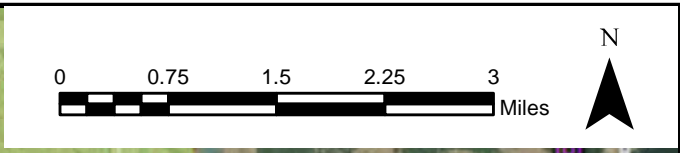
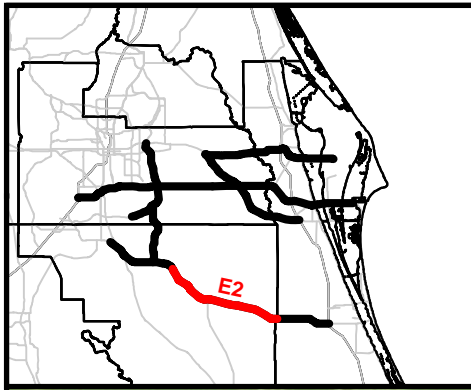


**LEGEND**

- ☆ Bear Nuisances
- ◇ Bear Road Kills
- ⊙ Eagle Nests
- ◇ Gopher Tortoise Relocations
- ⊙ Panther Mortalities
- ⊙ Red-Cockaded Woodpecker Occurrences
- ⊙ Scrub Jay Occurrences
- ⊙ Wood Stork Colonies
- ▨ Florida Forever BOT
- ▨ TNC Conservation Area
- ⊙ Caracara Observations
- ⊙ Rare and Imperiled Fish

Data Sources: FWS, FGDL (2016)

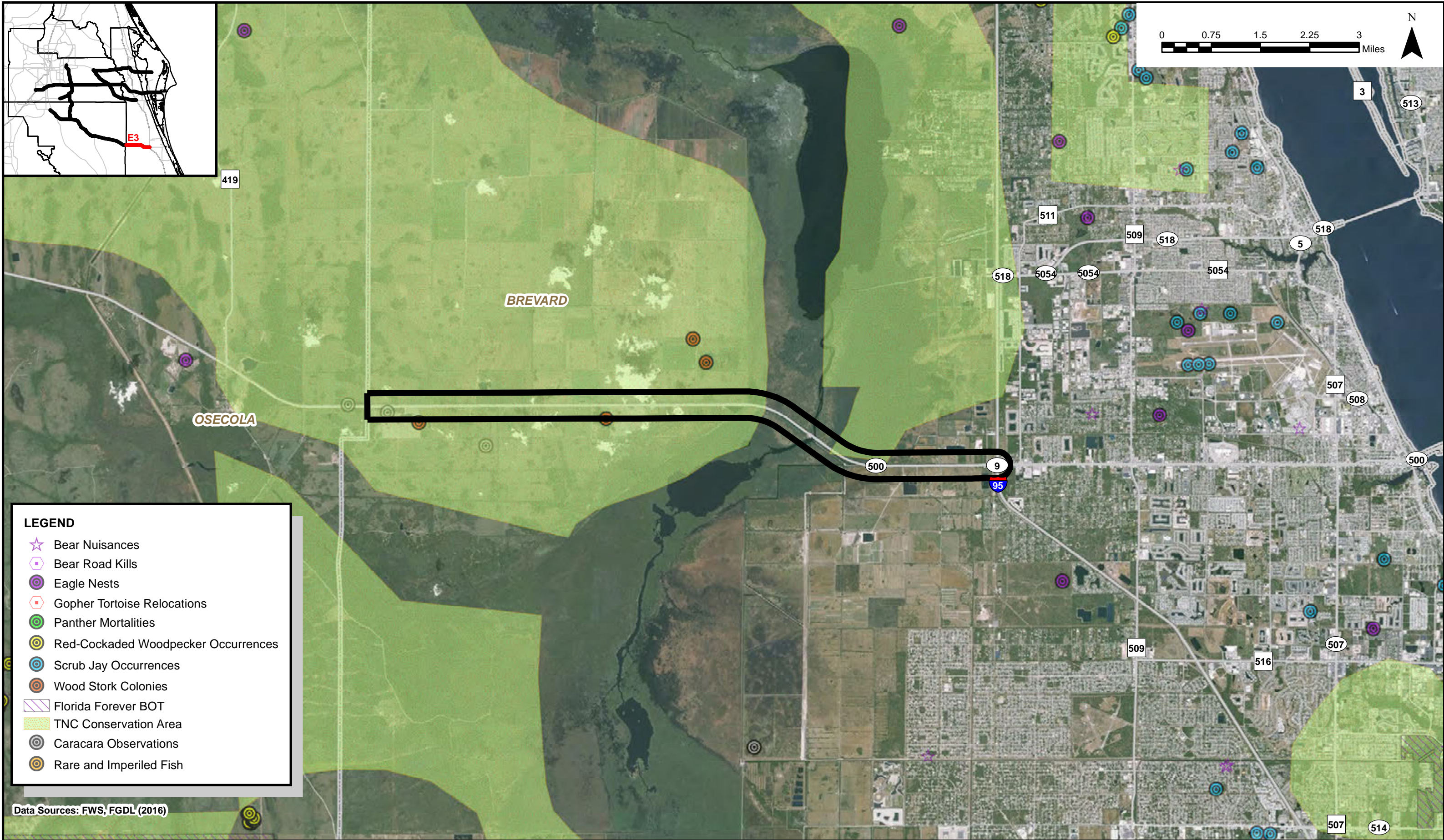




**LEGEND**

- ☆ Bear Nuisances
- ◻ Bear Road Kills
- Eagle Nests
- ◻ Gopher Tortoise Relocations
- Panther Mortalities
- Red-Cockaded Woodpecker Occurrences
- Scrub Jay Occurrences
- Wood Stork Colonies
- ▨ Florida Forever BOT
- ▨ TNC Conservation Area
- Caracara Observations
- Rare and Imperiled Fish

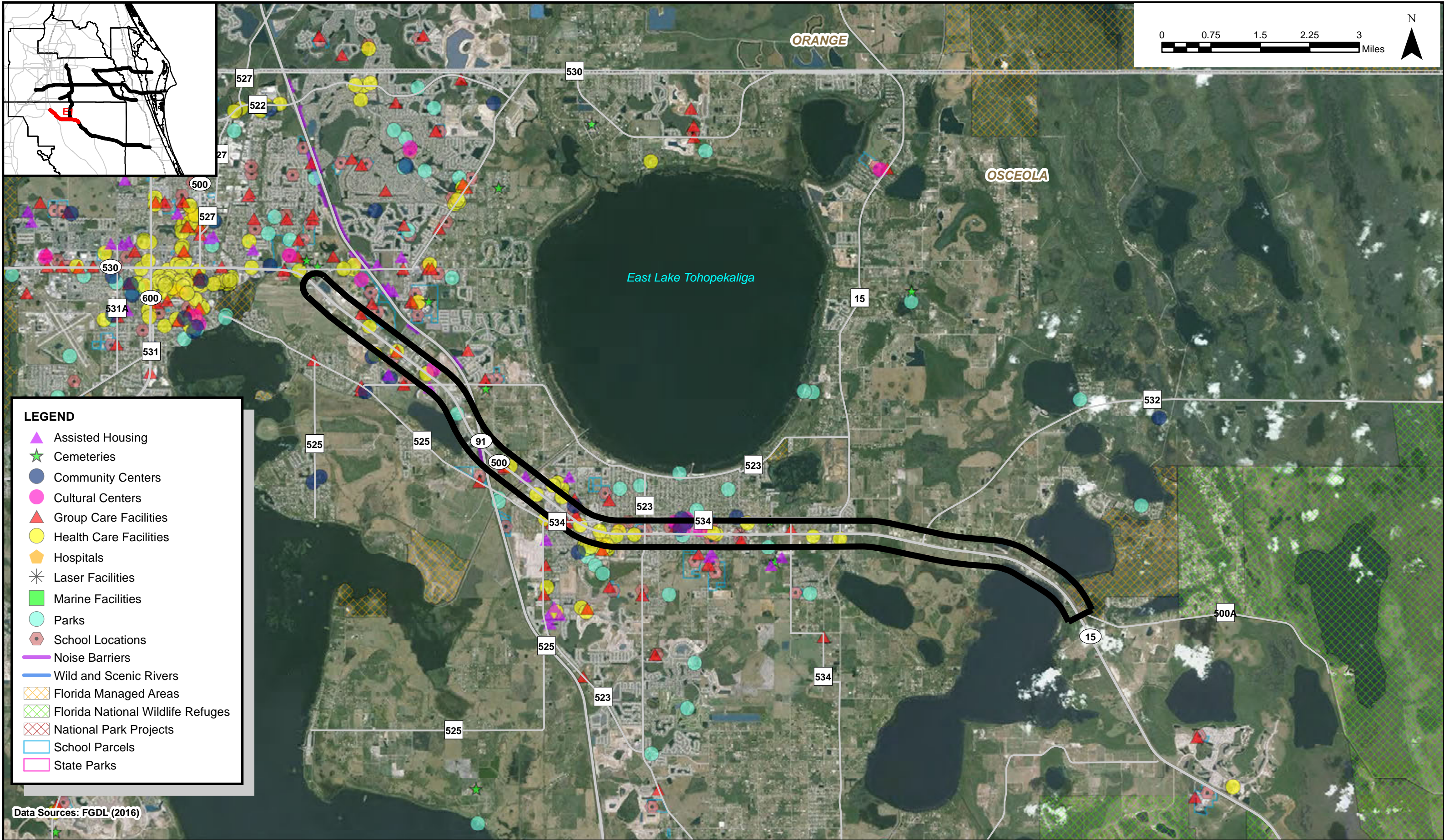
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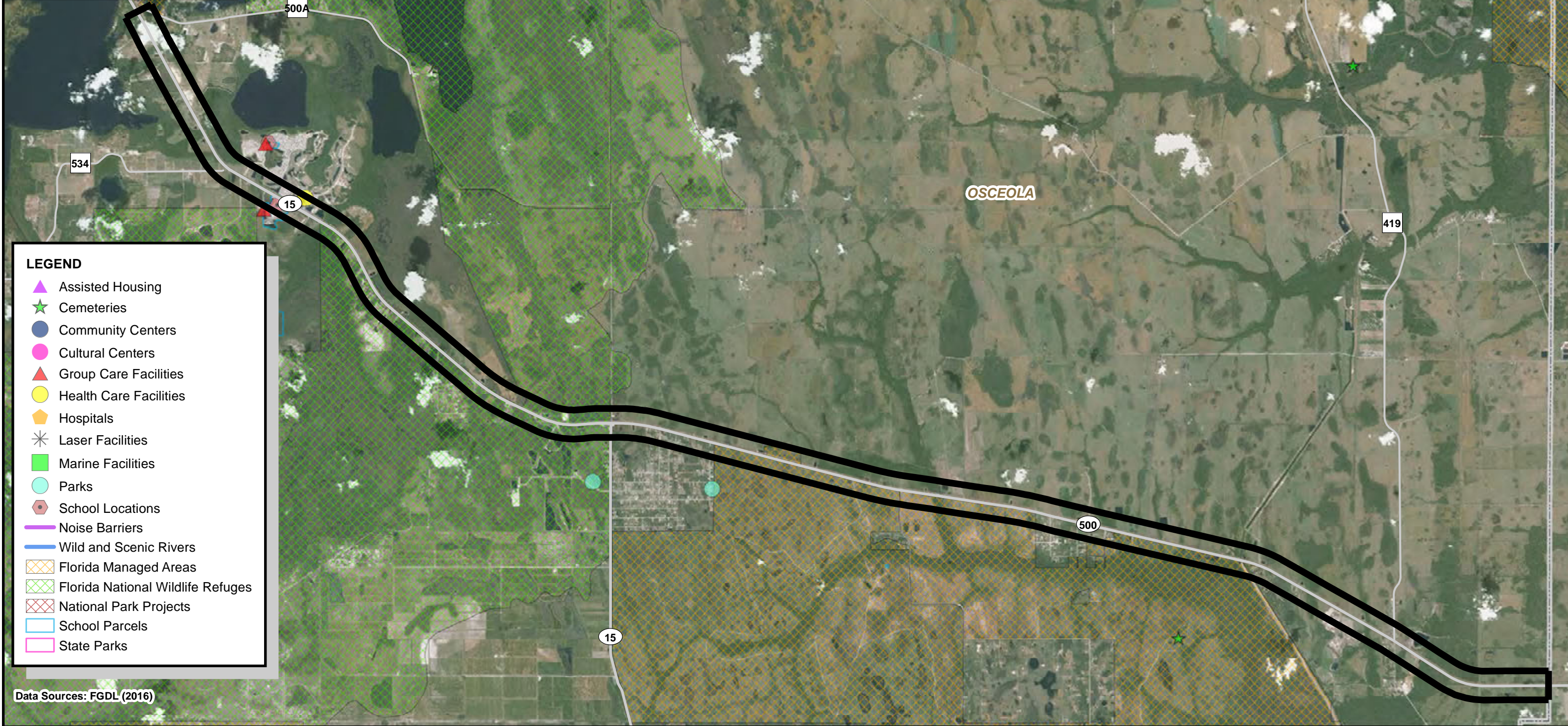
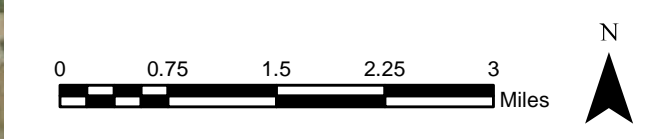
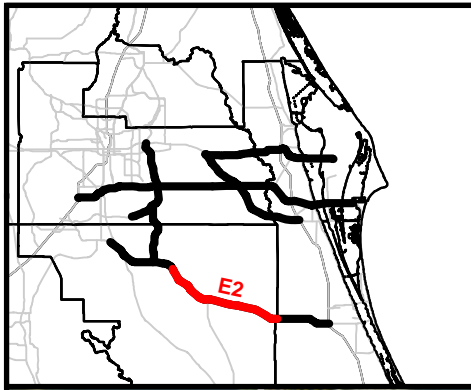


**LEGEND**

- ☆ Bear Nuisances
- ⬡ Bear Road Kills
- ⊙ Eagle Nests
- ⬠ Gopher Tortoise Relocations
- ⊙ Panther Mortalities
- ⊙ Red-Cockaded Woodpecker Occurrences
- ⊙ Scrub Jay Occurrences
- ⊙ Wood Stork Colonies
- ▨ Florida Forever BOT
- ▨ TNC Conservation Area
- ⊙ Caracara Observations
- ⊙ Rare and Imperiled Fish

Data Sources: FWS, FGDL (2016)





**LEGEND**

- ▲ Assisted Housing
- ★ Cemeteries
- Community Centers
- Cultural Centers
- ▲ Group Care Facilities
- Health Care Facilities
- ◆ Hospitals
- ✱ Laser Facilities
- Marine Facilities
- Parks
- ◆ School Locations
- Noise Barriers
- Wild and Scenic Rivers
- Florida Managed Areas
- Florida National Wildlife Refuges
- National Park Projects
- School Parcels
- State Parks

Data Sources: FGDL (2016)

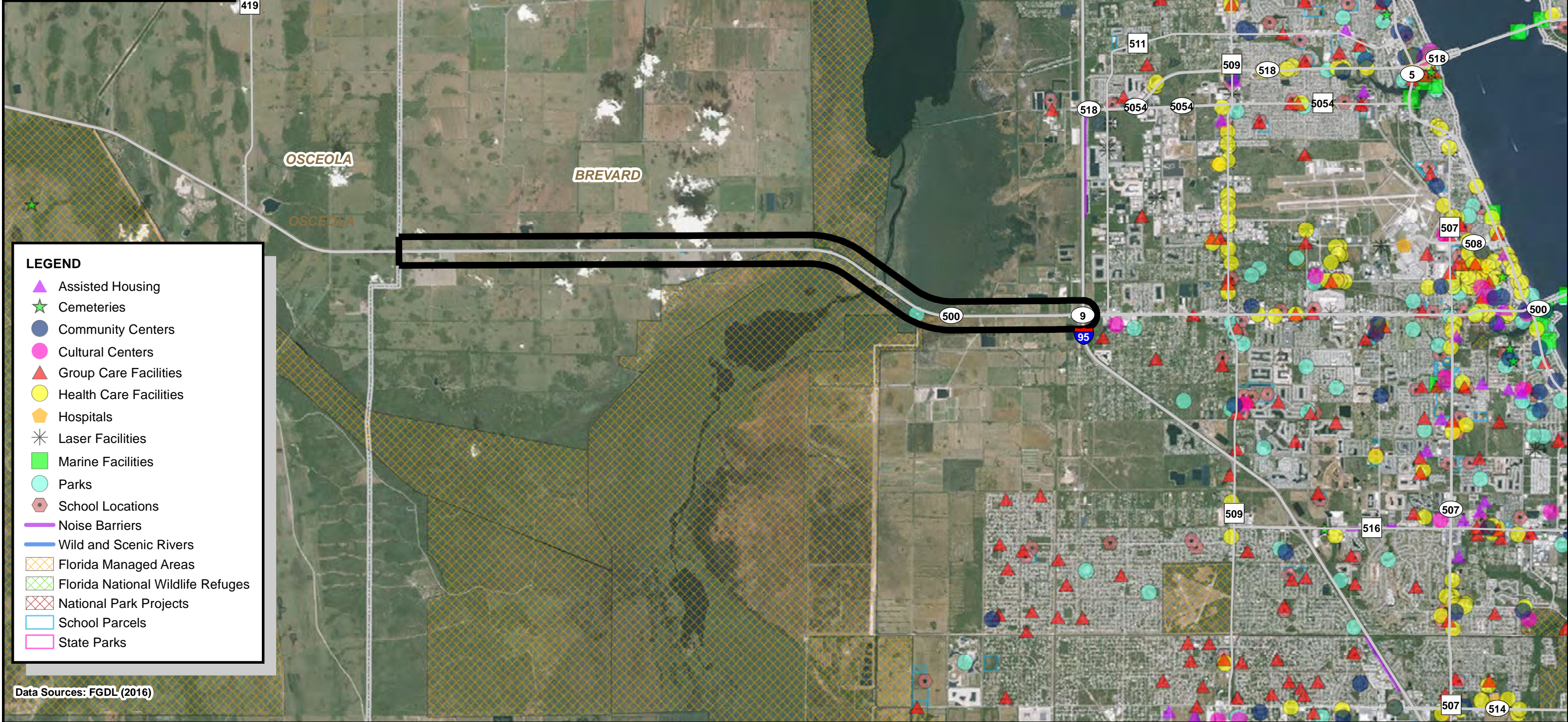
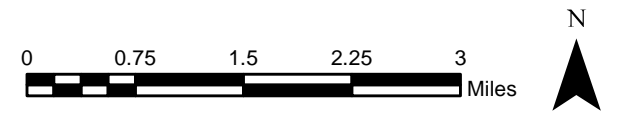
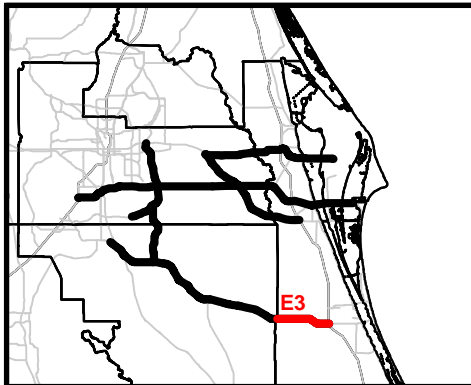


East Central Florida Corridor Evaluation Study



## Corridor E Noise Evaluation

**FIGURE  
5.6-5  
SEGMENT E2**



- LEGEND**
- ▲ Assisted Housing
  - ★ Cemeteries
  - Community Centers
  - Cultural Centers
  - ▲ Group Care Facilities
  - Health Care Facilities
  - Hospitals
  - ✱ Laser Facilities
  - Marine Facilities
  - Parks
  - School Locations
  - Noise Barriers
  - Wild and Scenic Rivers
  - ▨ Florida Managed Areas
  - ▨ Florida National Wildlife Refuges
  - ▨ National Park Projects
  - School Parcels
  - State Parks

Data Sources: FGDL (2016)



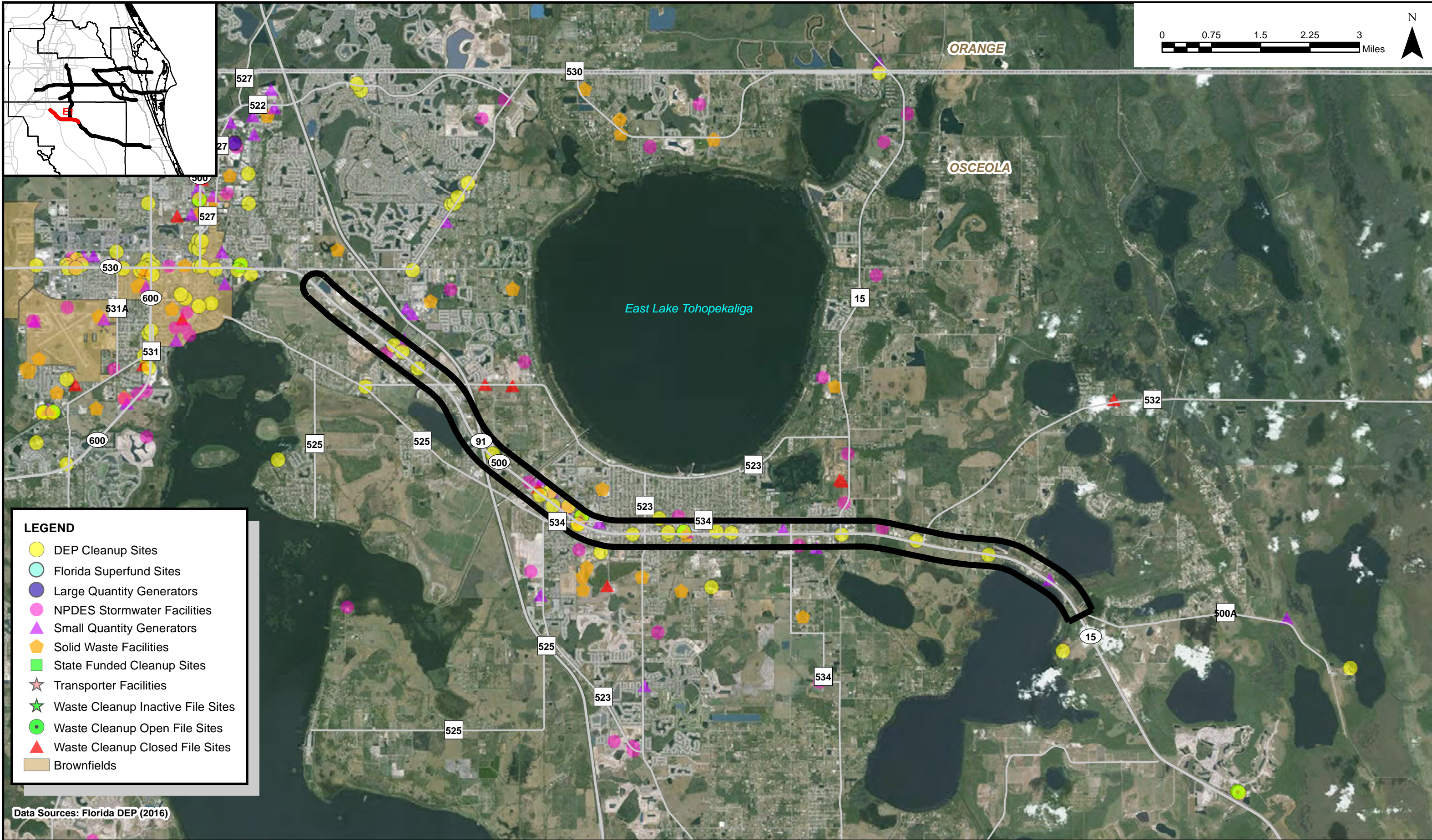
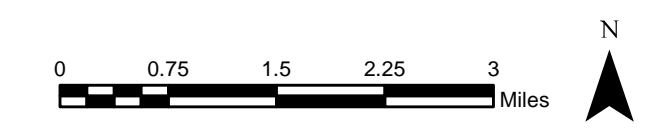
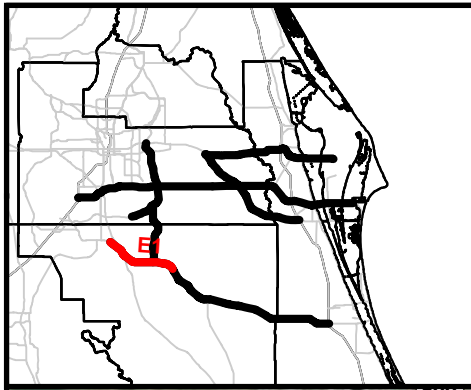
East Central Florida Corridor Evaluation Study



# Corridor E Noise Evaluation

**FIGURE  
5.6-5  
SEGMENT E3**

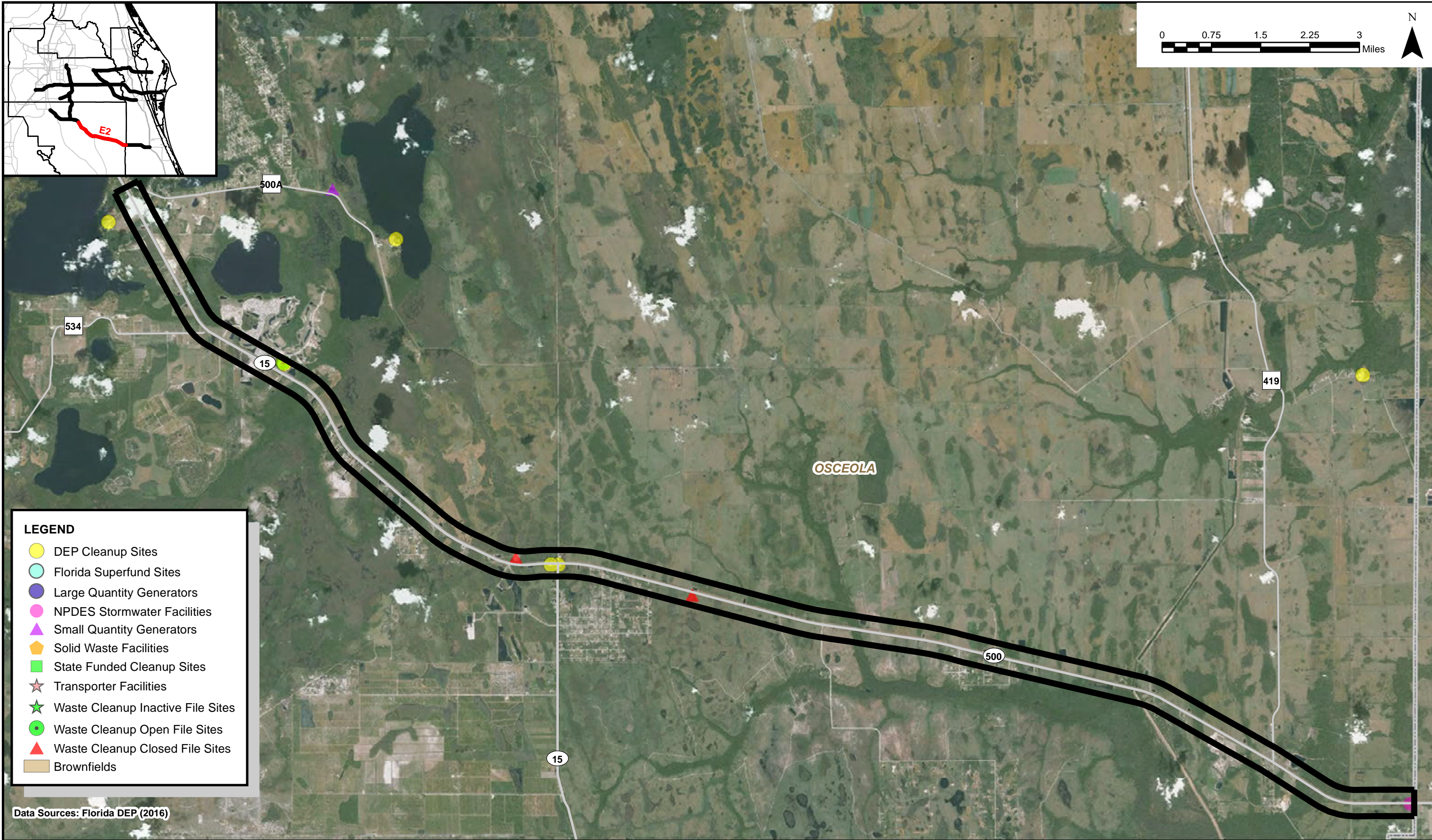
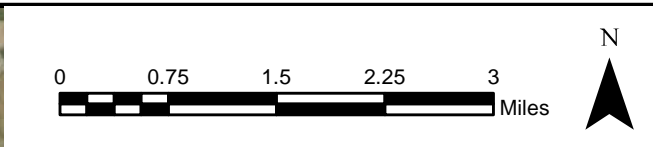
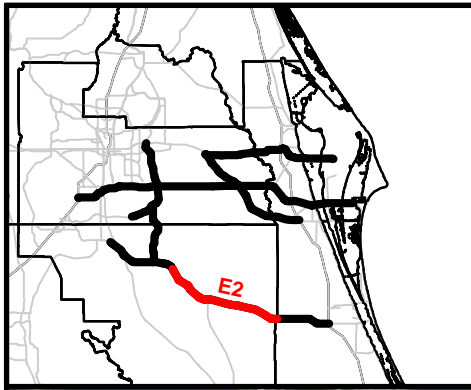




**LEGEND**

- DEP Cleanup Sites
- Florida Superfund Sites
- Large Quantity Generators
- NPDES Stormwater Facilities
- ▲ Small Quantity Generators
- ◆ Solid Waste Facilities
- State Funded Cleanup Sites
- ★ Transporter Facilities
- ★ Waste Cleanup Inactive File Sites
- ★ Waste Cleanup Open File Sites
- ▲ Waste Cleanup Closed File Sites
- Brownfields

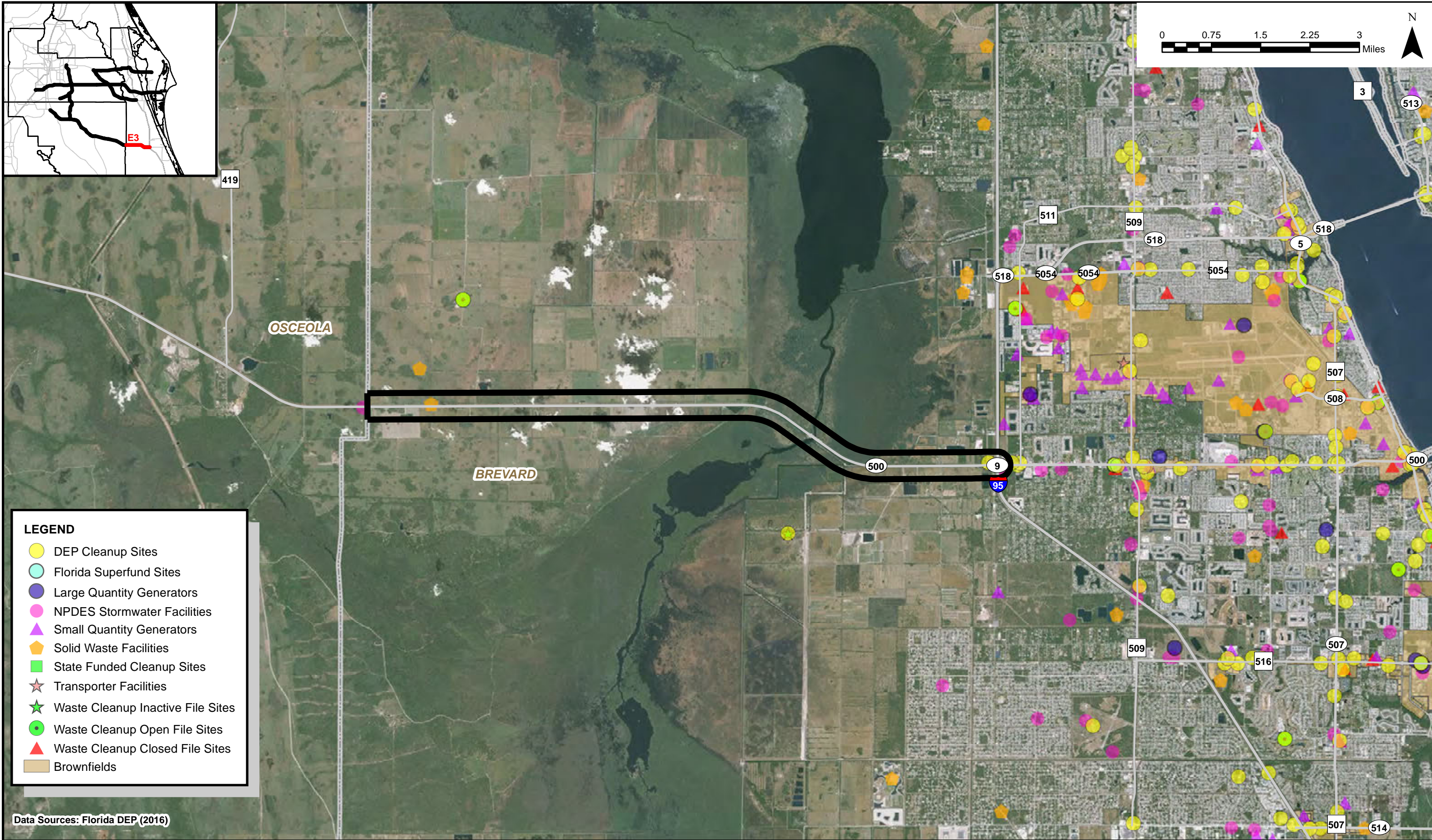
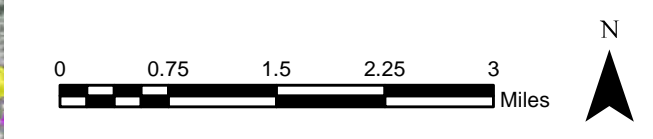
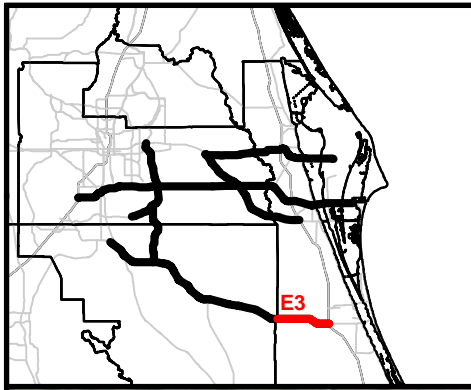
Data Sources: Florida DEP (2016)



**LEGEND**

- DEP Cleanup Sites
- Florida Superfund Sites
- Large Quantity Generators
- ▲ NPDES Stormwater Facilities
- ▲ Small Quantity Generators
- ◆ Solid Waste Facilities
- State Funded Cleanup Sites
- ★ Transporter Facilities
- ★ Waste Cleanup Inactive File Sites
- Waste Cleanup Open File Sites
- ▲ Waste Cleanup Closed File Sites
- Brownfields

Data Sources: Florida DEP (2016)



**LEGEND**

- DEP Cleanup Sites
- Florida Superfund Sites
- Large Quantity Generators
- NPDES Stormwater Facilities
- ▲ Small Quantity Generators
- ◆ Solid Waste Facilities
- State Funded Cleanup Sites
- ★ Transporter Facilities
- ★ Waste Cleanup Inactive File Sites
- Waste Cleanup Open File Sites
- ▲ Waste Cleanup Closed File Sites
- Brownfields

Data Sources: Florida DEP (2016)

# 6

## Corridor G: SR 417/Narcoossee Road

**Table 6.1-1: Corridor G Segment Lengths**

Segment	Length (miles)
G1	6.0
G2	5.0
G3	6.2
G4	3.8
G5	7.5
<i>Corridor G</i>	<i>28.5</i>

### 6.1 General Corridor Overview

SR 417/Narcoossee Road is a multimodal highway corridor that provides mobility options for commuters and tourists traveling between Orange and Osceola counties to major urban and employment centers, such as Orlando International Airport, the University of Central Florida (UCF), Lake Nona, and Medical City. Significant congestion inhibits mobility along the corridor which is currently split between limited access and non-limited access segments.

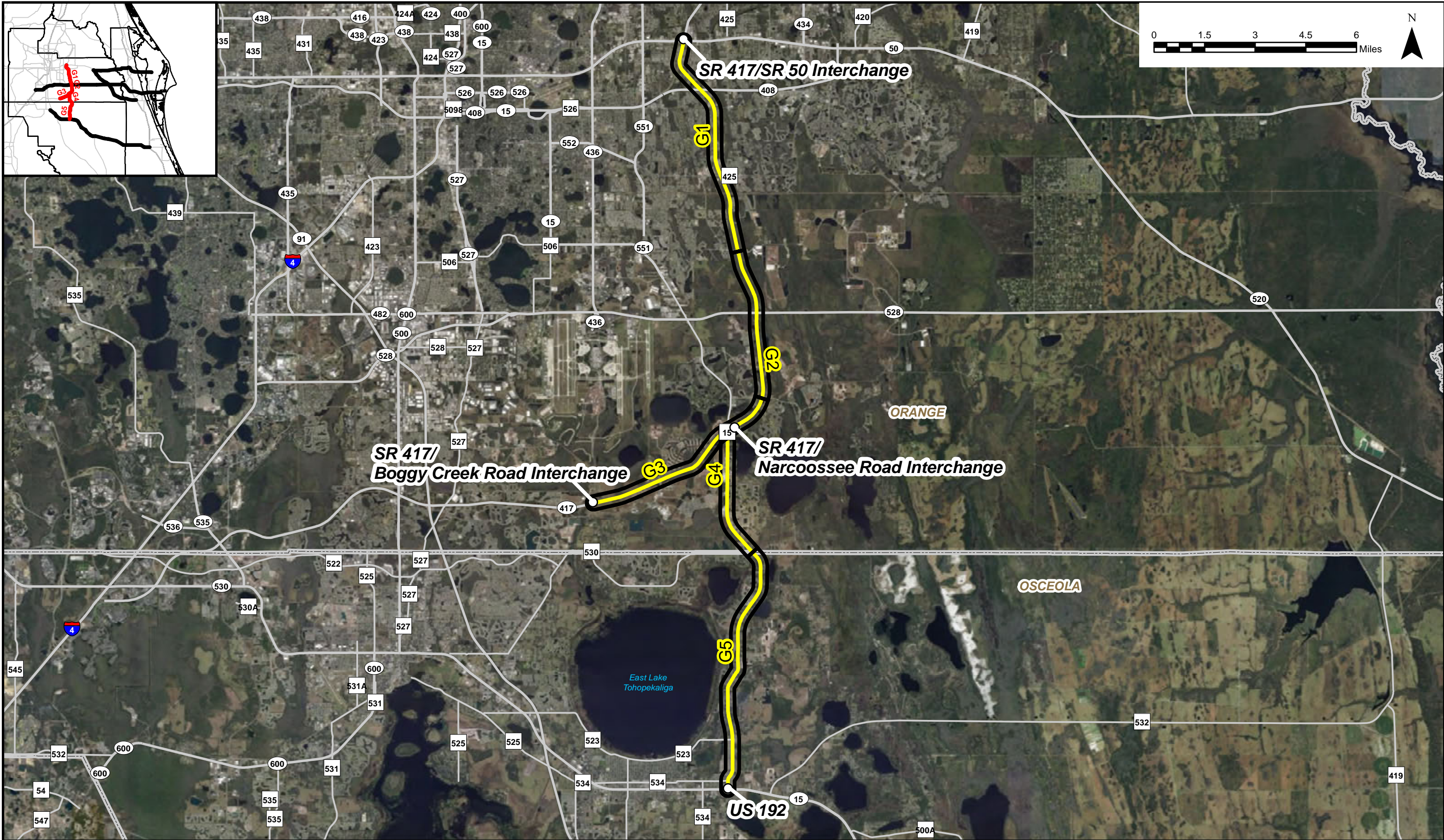
As shown in Figure 6.1-1, Narcoossee Road is an arterial roadway running from US 192 in Osceola County to the intersection of Hoffner Avenue and Old Goldenrod Road in Orange County. It is a major north-south corridor connecting population centers directly to the east of the Orlando International Airport. It is a county-owned facility both in Orange and Osceola Counties.

SR 417, the Central Florida GreeneWay, is a limited-access tolled expressway that forms the eastern beltway of Orlando, providing an alternative route to I-4. From International Drive near the Orange/Osceola County border to the Orange/Seminole County border, SR 417 is owned and operated by the Central Florida Expressway Authority. It is part of the **Strategic Intermodal System (SIS)**.

Corridor G runs from US 192 in Osceola County to the SR 50/East Colonial Drive in Orange County, including a portion of the Central Florida GreeneWay from Boggy Creek Road to Narcoossee Road. Corridor G is divided into five segments: G1, G2, G3, G4, and G5. Segment G1 (SR 417) is in the urban Orange County from SR 50 to the toll booths on SR 417. Segment G2 (SR 417) constitutes a transitional roadway in Orange County from the toll booths on SR 417 to Mass Park Road. Segment G3 (SR 417) is in urban Orange County from Moss Park Road to Boggy Creek Road. Segment G4 (Narcoossee Road) is also in urban Orange County from SR 417 to Orange/Osceola County line. Segment G5 (Narcoossee Road) is in urban Osceola County from Orange/Osceola County line to US 192. The lengths of Corridor G segments are shown below in Table 6.1-1.

Throughout the Existing Conditions Analysis, the Study Team met with the PAG and stakeholders as part of an extensive due diligence process to collect the appropriate available data and inventory physical characteristics of transportation facilities and the natural environment within the corridor. These discussions provided the Study Team with a greater understanding of the community characteristics to help identify potential issues and opportunities in the region, such as:

- The corridor serves as a critical commuter road between Osceola and Orange counties connecting major developments/employment centers along the corridor, including Medical City, Orlando International Airport (OIA), University of Central Florida (UCF).
- There is significant congestion; the corridor does not operate as a 65 mph roadway. CFX has identified the need for improving this corridor to 6 lanes based on 2040 Master Plan assessment.
- PAG members indicated the potential need for multimodal/Bus Rapid Transit infrastructure either co-located along Narcoossee Road or parallel to the corridor, providing north-south access between the counties, as well as providing secondary east-west access between OIA and the Northeast District Master Plan.
- PAG members indicated they would not be interested in limited access for this corridor because it serves a significant residential population.
- The CFX Master Plan includes interchange improvements along this corridor.



## 6.2 Community Characteristics

### 6.2.1 Demographics

The total population for all Census Block Groups in Corridor G is 120,151. Population density for all census block groups in Segment G1 was above the Florida average of 346.16 people per square mile. Most census block groups for Segments G2, G3 and G4 were below the average, while Segment G5 serves as the dividing line between block groups above the average to the west and below to the east. The poverty rates for Corridor G block groups ranged between 3.5% and 35.1%. Each segment includes at least one block group with a poverty rate higher than the statewide average of 11.97%.

The poverty rates for the majority of block groups in Segments G1 and G5 are, however, above the statewide average. The percentage of population identifying as minority for block groups in Corridor G range from 7.9% to 82.2%. The majority of census blocks in Segments G1-G4 have minority population percentages above the statewide average of 43.4%. Percent of the population with limited English proficiency (LEP) in block groups for Corridor G range from 0.0% to 14.7%. Half of the census block groups in Segment G1 and a minority of census block groups in all other segments have LEP population percentages above the statewide average of 6.4%. Demographics data can be found in

Table 6.2-1 below and Figure 6.2-1, Figure 6.2-2Figure 5.2-1: Corridor E Population Density, Figure 6.2-3, and Figure 6.2-4.

**Table 6.2-1: Corridor G Demographics**

Segment	Block Group	Population				Median Age	Percent Poverty	Median HH Income	Percent Disabled	No Vehicle	LEP Percent
		Total	Density	Minority	5-17 & 65 and Over						
G1	12-095-0167141	3,377	2,814.17	2,328	1203	34	16.5%	\$ 41,337	9.5%	2.8%	5.5%
	12-095-0167341	12,891	2,069.18	9,057	3573	34	14.2%	\$ 55,797	7.9%	1.8%	14.5%
	12-095-0167121	9,508	5,626.04	6,501	1802	28	35.1%	\$ 36,163	4.7%	10.0%	14.7%
	12-095-0164111	3,149	2,113.42	1,450	674	32	23.6%	\$ 46,792	5.9%	3.8%	6.4%
	12-095-0167101	5,033	2,691.44	3,621	1333	34	18.4%	\$ 63,087	10.2%	1.4%	7.9%
	12-095-0167171	3,228	2,464.12	2,329	647	34	6.1%	\$ 71,932	6.4%	5.1%	4.4%
	12-095-0167131	7,794	3,575.23	5,688	2060	34	21.2%	\$ 38,040	10.7%	7.1%	11.0%
	12-095-0167321	16,238	909.18	9,682	4291	38	8.9%	\$ 76,165	9.3%	2.3%	4.4%
12-095-0167161	5,802	2,197.73	2,382	1970	44	4.7%	\$ 78,125	5.9%	2.6%	4.7%	
	<b>Total</b>	<b>67,020</b>	<b>2,675.20</b>	<b>43,038</b>	<b>17,553</b>	<b>34.9</b>	<b>16.4%</b>	<b>\$ 57,453</b>	<b>8.0%</b>	<b>4.2%</b>	<b>8.9%</b>
G2	12-095-0167341	12,891	2,069.18	9,057	3,573	34	14.2%	\$ 55,797	7.9%	1.8%	14.5%
	12-095-0167041	16,912	107.17	8,928	4,542	33	4.6%	\$ 77,000	3.3%	0.7%	4.4%
	12-095-0167321	16,238	909.18	9,682	4,291	38	8.9%	\$ 76,165	9.3%	2.3%	4.4%
	<b>Total</b>	<b>46,041</b>	<b>791.02</b>	<b>27,667</b>	<b>12,406</b>	<b>35</b>	<b>8.8%</b>	<b>\$70,811</b>	<b>6.7%</b>	<b>1.5%</b>	<b>7.1%</b>
G3	12-095-0168021	4,328	129.66	1,694	1279	40	3.5%	\$103,864	5.0%	0.0%	5.7%
	12-095-0168061	12,216	1,570.18	10,043	3023	37	17.4%	\$ 45,771	5.5%	4.2%	11.1%
	12-095-0167041	16,912	107.17	8,928	4542	33	4.6%	\$ 77,000	3.3%	0.7%	4.4%
	<b>Total</b>	<b>33,456</b>	<b>136.59</b>	<b>20,665</b>	<b>8,844</b>	<b>35.4</b>	<b>9.1%</b>	<b>\$70,153</b>	<b>4.4%</b>	<b>1.8%</b>	<b>7.0%</b>
G4	12-095-0168021	4,328	129.66	1,694	1279	40	3.5%	\$103,864	5.0%	0.0%	5.7%
	12-095-0167041	16,912	107.17	8,928	4542	33	4.6%	\$ 77,000	3.3%	0.7%	4.4%
	12-097-0428001	7,824	792.71	5,588	1956	33	18.5%	\$ 59,444	7.4%	2.3%	6.5%

Segment	Block Group	Population				Median Age	Percent Poverty	Median HH Income	Percent Disabled	No Vehicle	LEP Percent
		Total	Density	Minority	5-17 & 65 and Over						
	<b>Total</b>	<b>29,064</b>	<b>118.42</b>	<b>16,210</b>	<b>7,777</b>	<b>34</b>	<b>8.2%</b>	<b>\$77,620</b>	<b>4.6%</b>	<b>1.0%</b>	<b>5.1%</b>
G5	12-095-0168021	4,328	129.66	1,694	1,279	40	3.5%	\$103,864	5.0%	0.0%	5.7%
	12-097-0437001	1,973	110.22	330	379	45	4.4%	\$ 70,714	11.1%	0.0%	0.9%
	12-09-70436001	5,399	404.42	1,317	1,906	41	12.2%	\$ 53,635	15.1%	1.6%	0.6%
	12-097-0437002	3,371	256.74	898	1,471	41	18.8%	\$ 51,491	13.4%	6.8%	5.6%
	12-095-0167041	16,912	107.17	8,928	4,542	33	4.6%	\$ 77,000	3.3%	0.7%	4.4%
	12-097-0433011	1,108	105.62	87	406	54	11.3%	\$ 41,971	8.2%	4.1%	0.0%
	<b>Total</b>	<b>40,915</b>	<b>306.30</b>	<b>18,842</b>	<b>11,939</b>	<b>36.6</b>	<b>9.5%</b>	<b>\$70,548</b>	<b>7.0%</b>	<b>1.6%</b>	<b>4.2%</b>

### 6.2.2 Land Use

As shown in Figure 6.2-5, existing land use along Corridor G is mostly vacant/unclassified (23.6%) and low density residential (23.3%). There is also a high percentage of agricultural land (18.8%) and institutional land (14%). Segments G1, G3, G4 and G5 are relatively developed with high percentages of low density residential and commercial uses. Segment G2 is more rural with agricultural land use and vacant/unclassified making up the majority (Table 6.2-2 and Table 6.2-3).

Table 6.2-2: Corridor G Land Use

Segment	Land Use	Acres	Percent
Corridor G	Vacant/Unclassified	504.26	23.8%
	Low Density Residential	491.69	23.2%
	Medium Density Residential	41.30	1.9%
	High Density Residential	1.99	0.1%
	Mixed Use	2.77	0.1%
	Light Commercial	164.84	7.8%
	Heavy Commercial	32.19	1.5%
	Light Industrial	0	0.0%
	Heavy Industrial	0	0.0%
	Institutional	266.23	12.6%
	Transportation/Utilities	31.39	1.5%
	Recreation/Conservation	146.53	6.9%
	Agricultural	397.10	18.7%
	Water	38.67	1.8%
	<b>Total</b>	<b>2,118.96</b>	<b>100.0%</b>
G1	Vacant/Unclassified	105.80	28.8%
	Low Density Residential	102.29	27.9%
	Medium Density Residential	11.67	3.2%
	High Density Residential	0.23	0.1%
	Light Commercial	17.46	4.8%
	Heavy Commercial	3.63	1.0%
	Institutional	34.15	9.3%
	Transportation/Utilities	15.20	4.1%
	Recreation/Conservation	76.54	20.8%
	Agricultural	0.18	0.0%
<b>Total</b>	<b>367.15</b>	<b>100.0%</b>	
G2	Vacant/Unclassified	62.41	22.1%
	Low Density Residential	0.01	0.0%
	Medium Density Residential	9.43	3.3%
	Institutional	4.82	1.7%
	Transportation/Utilities	3.77	1.3%
	Recreation/Conservation	33.30	11.8%
	Agricultural	132.01	46.7%
	Water	37.03	13.1%
<b>Total</b>	<b>282.78</b>	<b>100.0%</b>	
G3	Vacant/Unclassified	94.58	25.3%
	Low Density Residential	6.53	1.7%
	Medium Density Residential	0.51	0.1%
	Light Commercial	92.06	24.6%

Segment	Land Use	Acres	Percent
	Institutional	77.40	20.7%
	Transportation/Utilities	1.95	0.5%
	Recreation/Conservation	14.39	3.8%
	Agricultural	86.50	23.1%
	<b>Total</b>	<b>373.92</b>	<b>100.0%</b>
G4	Vacant/Unclassified	0.06	0.0%
	Vacant/Unclassified	40.21	10.3%
	Low Density Residential	34.02	8.7%
	Medium Density Residential	19.69	5.1%
	High Density Residential	1.76	0.5%
	Light Commercial	46.63	12.0%
	Heavy Commercial	13.17	3.4%
	Institutional	102.34	26.3%
	Transportation/Utilities	9.87	2.5%
	Recreation/Conservation	22.30	5.7%
	Agricultural	98.94	25.4%
	<b>Total</b>	<b>388.99</b>	<b>100.0%</b>
G5	Vacant/Unclassified	9.14	1.3%
	Vacant/Unclassified	192.06	27.2%
	Low Density Residential	348.84	49.4%
	Mixed Use	2.77	0.4%
	Light Commercial	8.69	1.2%
	Heavy Commercial	15.39	2.2%
	Institutional	47.52	6.7%
	Transportation/Utilities	0.60	0.1%
	Agricultural	79.47	11.3%
	Water	1.64	0.2%
	<b>Total</b>	<b>706.12</b>	<b>100.0%</b>

**Table 6.2-3: Corridor G Prime Farmland**

Segment	Acres	Length (miles)	Area of Buffer (acres)	Percent of Corridor Buffer
<b>G1</b>	24.36	5.92	726.1	3.35
<b>G2</b>	0	5.28	639.7	0
<b>G3</b>	0	6.15	749.8	0
<b>G4</b>	31.69	3.81	453.7	6.98
<b>G5</b>	102.04	7.42	908.2	11.24
<b>Corridor G</b>	<i>158.09</i>	<i>28.58</i>	<i>3477.5</i>	<i>4.55</i>

**6.2.3 Community Features**

Corridor G is located in a relatively urbanized area, and therefore is not near many preservation areas (Figure 6.3-1). Narcoossee Road does, however, pass adjacent to Split Oak Forest near the Osceola/Orange County line. Buffers for Segments G1 through G3 contain relatively few community services compared to Segments G4 and G5. SR 417 was built as a larger urban thoroughfare, whereas Segments G4 and G5 on Narcoossee Road could have community features and parcels bordering the roadway, much like Segment G1.

Community features in Segments G1 through G3 are not clustered and are sparse in nature (Table 6.2-4: Corridor G). The Segment G4 buffer contains some clustering of community features including two mobile home/RV parks between SR 417 and Tyson Road on either side of the corridor, one Baptist church, and the Lake Nona Middle and High Schools. There is less clustering within the Segment G5 buffer. One Baptist church and one fire station are located next to one another bordering Jones Road, along with the Narcoossee Library Annex and the Narcoossee Elementary School just north of N. Kaliga Drive.

**Table 6.2-4: Corridor G Community Features**

Segment	Type	Name	Acres
<b>G1</b>	School	Hindu University of America Inc.	
	Fire Station	Orange County Fire Department and Rescue Station 81 (Rio Pinar)	
	Assisted Housing	Valencia Trace	
<b>G2</b>	Landmark	Water Feature, Classification Unknown, or Not Elsewhere Classified	27.45
<b>G3</b>	Fire Station	Orange County Fire Department And Rescue Station 76 (Narcoossee)	
<b>G4</b>	Social Service	Eastland Evangelistic St. Church	3.5
	Mobile Home/RV Park	Whippoorwill Mobile Home Park	

Segment	Type	Name	Acres
	Mobile Home/RV Park	Orlando Lake Whippoorwill Koa	
	Mobile Home/RV Park	Floridian RV Resort	
	School	Lake Nona High	
	School	Lake Nona Middle	
	Religion	Lake Whippoorwill Baptist Church	
	Culture Center	Valencia College - Lake Nona Campus Library	
	School Facility Parcel	School Board of Orange County	17.60
	<b>G5</b>	School	Narcoossee Elementary School
Religion		Narcoossee Baptist Church	
Health Facility		Park Place Behavioral Health Care	
Fire Station		Osceola County Fire Department Station 51 (Narcoossee)	
Culture Center		Narcoossee Library Annex	
School Facility Parcel		Osceola County School Board	8.12
Solid Waste		R & B Properties (facility)	
Solid Waste		R & B Properties (waste processing area)	

**6.2.4 Context Zone Classification**

Although Corridor G was established as a single corridor, it has two distinct branches and facility types. As a result, Corridor G is subdivided into two separate corridors. As shown in Figure 6.2-6, Corridor G [North] encompasses SR 417 (Central Florida GreeneWay), which includes 17.2 miles of tolled limited access expressway. Corridor G [South] encompasses Narcoossee Road, a four-lane divided facility.



**Table 6.2-5: Corridor G [North] SR 417**

<b>Corridor</b>	<b>SR 417 (Central Florida GreeneWay)</b>				
<b>From</b>	<b>SR 50</b>				
<b>To</b>	<b>Boggy Creek Road</b>				
<b>Distance</b>	<b>17.2 miles</b>				
Segment	Sub-Segment	From	To	Distance (Miles)	Context Zones
					Existing
G1	1	SR 50	Toll Plaza	6.0	C3R
G2	1	Toll Plaza	SR 528	2.8	C1
	2	SR 528	Moss Park Road.	2.2	C3R
G3	1	Moss Park Road	Lake Nona Boulevard	4.1	C3R
	2	Lake Nona Boulevard	Boggy Creek Road.	2.1	C3C

SR 417 is a limited access toll facility with nine interchanges within the limits of Corridor G [North]. It is not expected that this facility will change from its current configuration. However, context zones were assigned based on the adjoining existing land uses and a visual inspection of aerial photography from Google Earth as shown in Table 6.2-5.

**Table 6.2-6: Corridor G [South] CR 15/Narcoossee Road**

<b>Corridor</b>	<b>Narcoossee Road</b>				
<b>From</b>	<b>SR 417</b>				
<b>To</b>	<b>US 192</b>				
<b>Distance</b>	<b>11.3 miles</b>				
Segment	Sub-Segment	From	To	Distance (Miles)	Context Zones
					Existing
G4	1	SR 417	Boggy Creek Road	3.8	C3R
G5	1	Boggy Creek Road	Rummell Road	5.9	C3R
	2	Rummell Road	US 192	1.6	C4

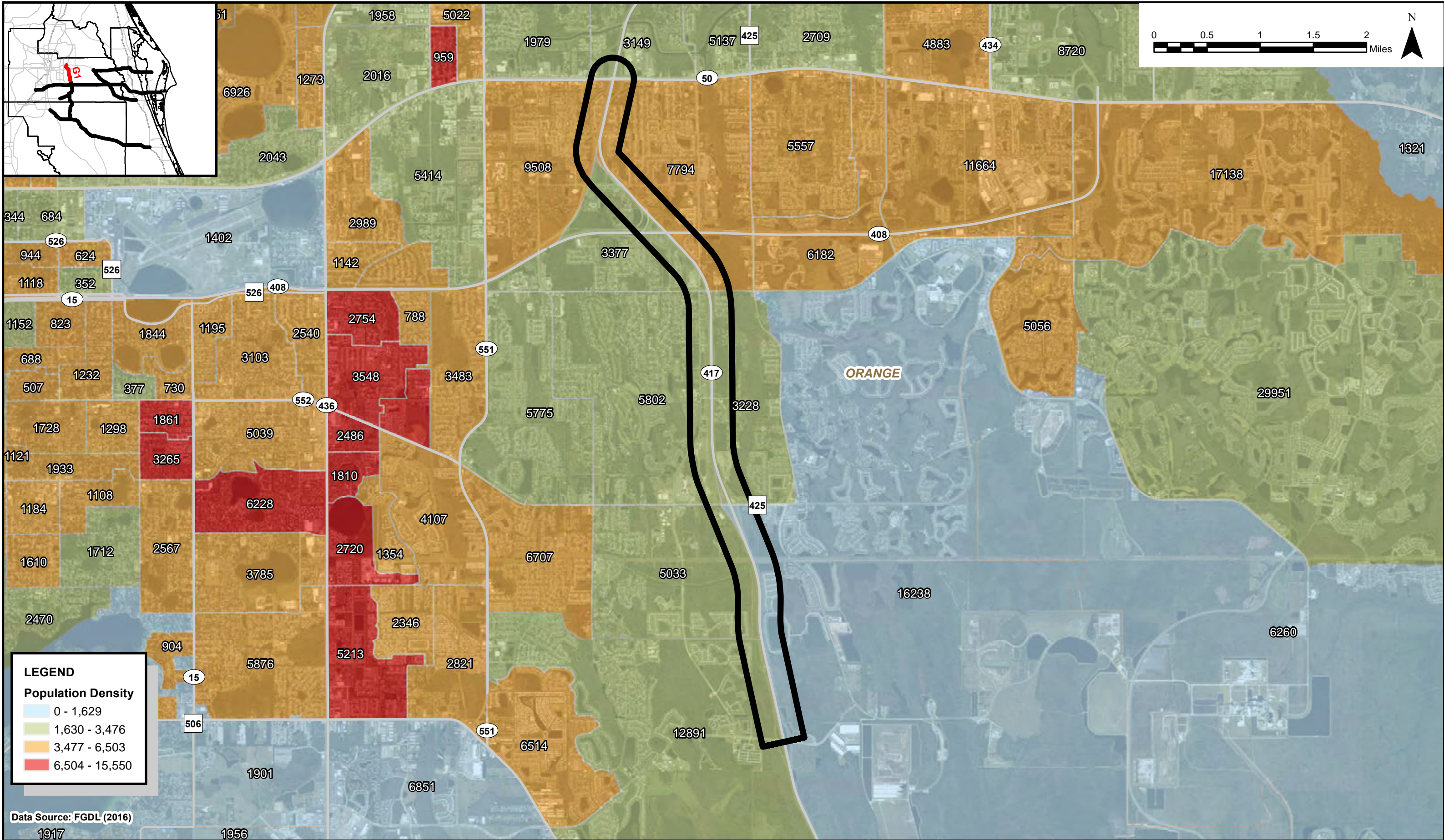
Narcoossee Road is dominated by suburban residential land uses in Segment G4 and parts of Segment G5. The residential areas include both single family subdivisions and multi-family apartments. There is a high school, middle school and elementary school as well a campus of Valencia College (under construction). South of Rummell Road the residential density increases and the context zone was assessed as general urban residential (Table 6.2-6).

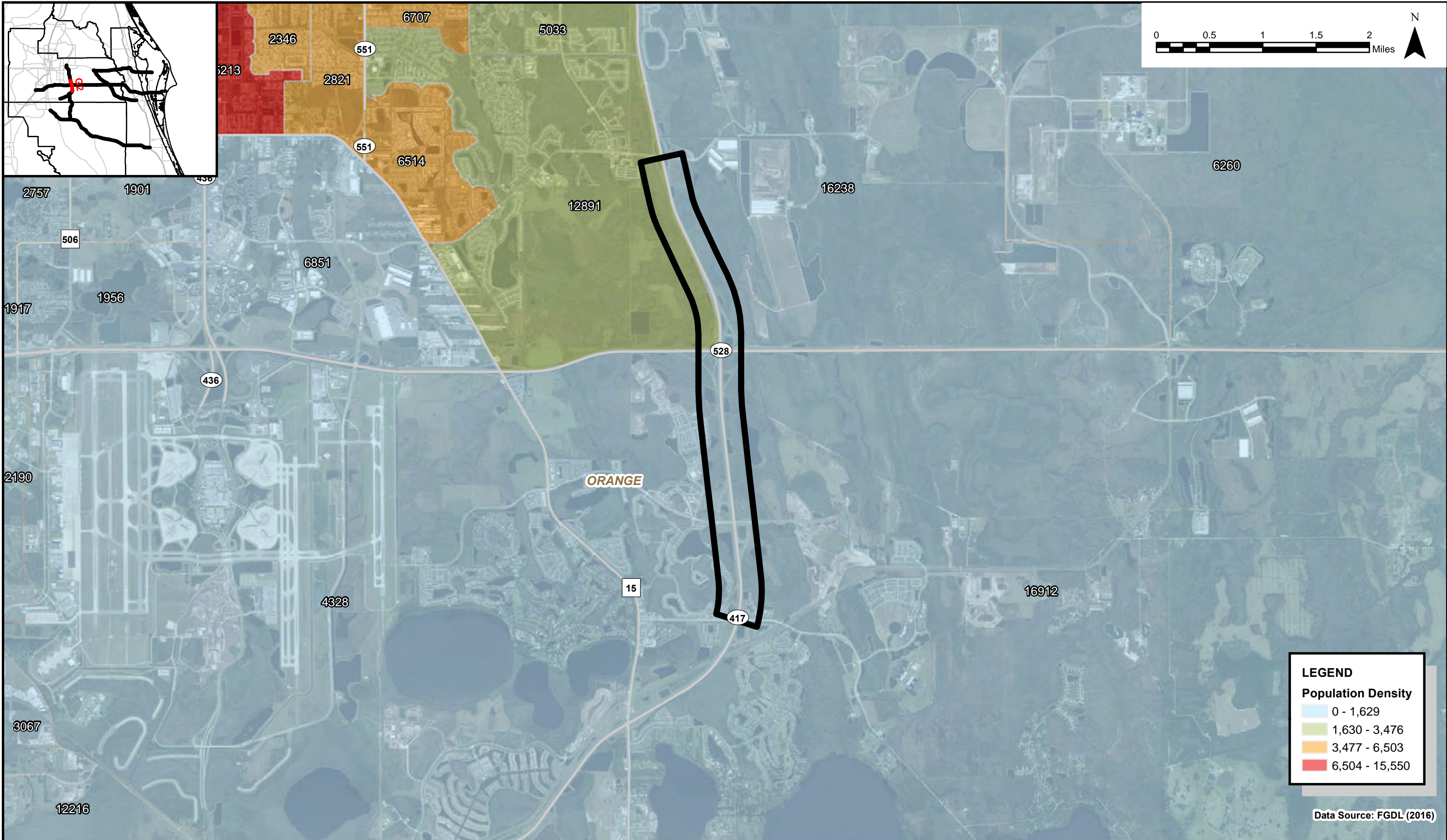
### 6.2.5 Major Developments

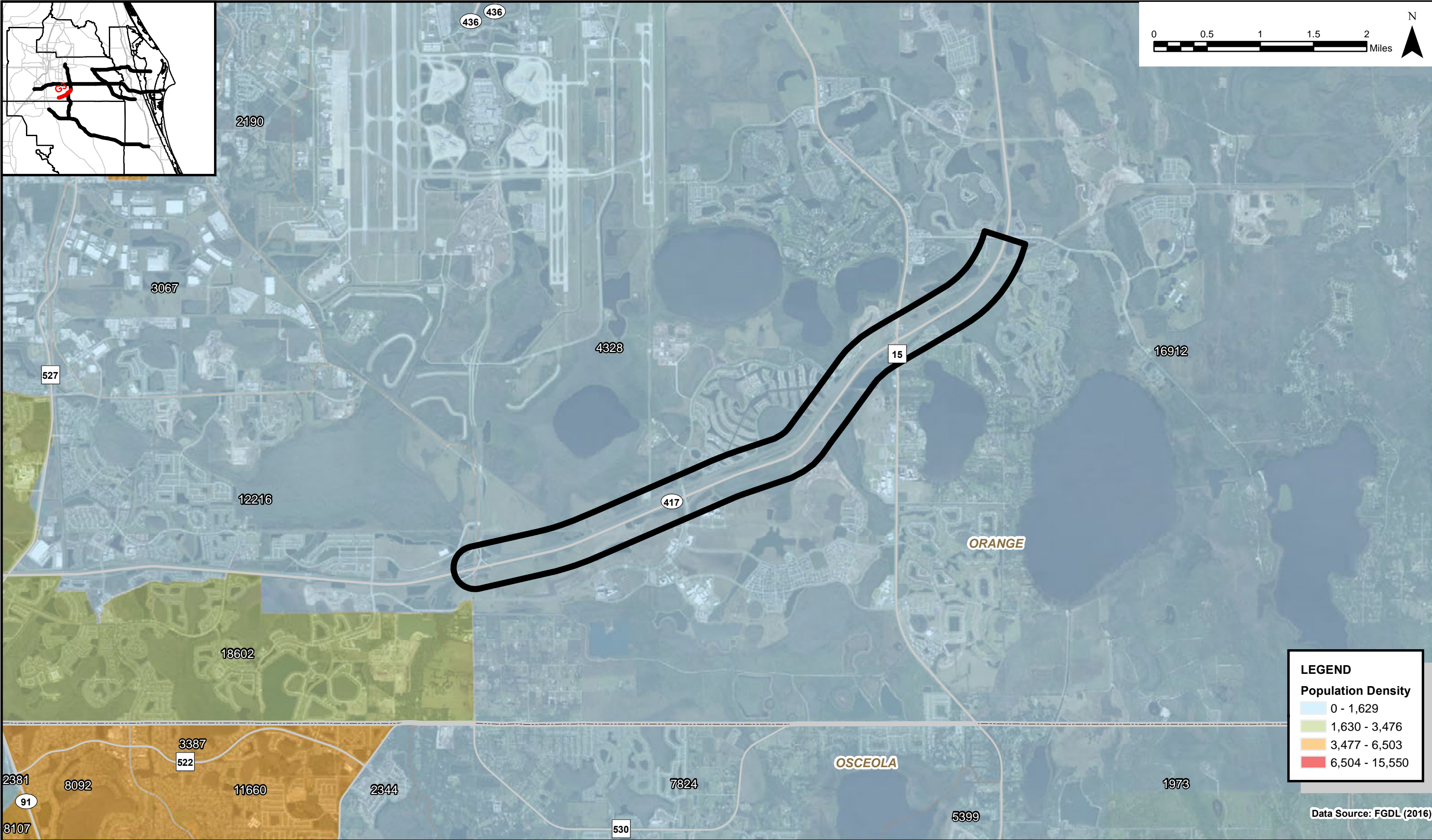
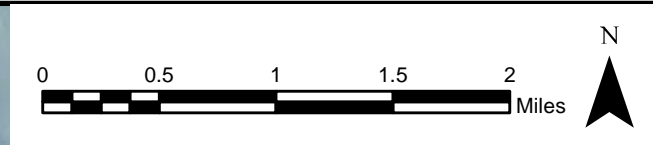
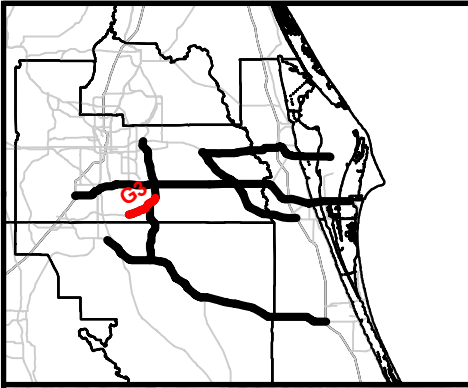
Overall there is an intensification of use in all segments except for G2. Development along Segment G4 has already started and many new commercial and residential developments are under construction. Major developments are listed in Table 6.2-7. DRIs are shown in Figure 6.3-1.

**Table 6.2-7: Corridor G Major Developments**

Segment	Name	Acres
G1	Beltway Commerce Center	0.81
G2	Beltway Commerce Center	127.87
	Innovation Place (Moss Park Properties)	65.58
	Moss Park	0.02
G3	GreeneWay Park	6.73
	Lake Nona	386.33
	Moss Park	88.3
	Orlando International Airport 4th Runway Develop	0.11
	Orlando International Airport Consolidated	0.11
	Orlando International Airport Improvements	2.02
	Orlando Tradeport	0.11
South Terminal Complex (Orlando Airport)	0.11	
G4	Eagle Creek	107.39
G5	Center Lake Ranch	3.75







**LEGEND**

**Population Density**

0 - 1,629
1,630 - 3,476
3,477 - 6,503
6,504 - 15,550

Data Source: FGDL (2016)

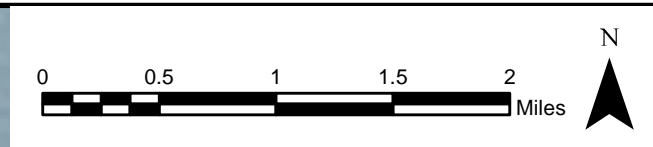
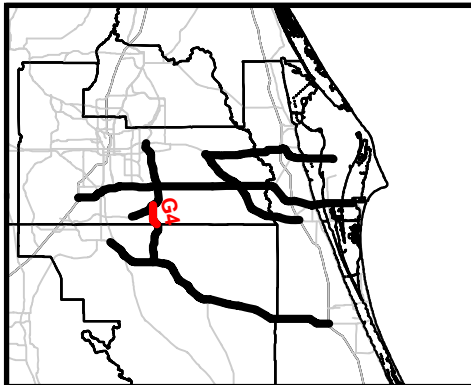


East Central Florida Corridor Evaluation Study



# Corridor G Population Density

**FIGURE  
6.2-1**  
SEGMENT G3



LEGEND	
Population Density	
Light Blue	0 - 1,629
Light Green	1,630 - 3,476
Orange	3,477 - 6,503
Red	6,504 - 15,550

Data Source: FGDL (2016)

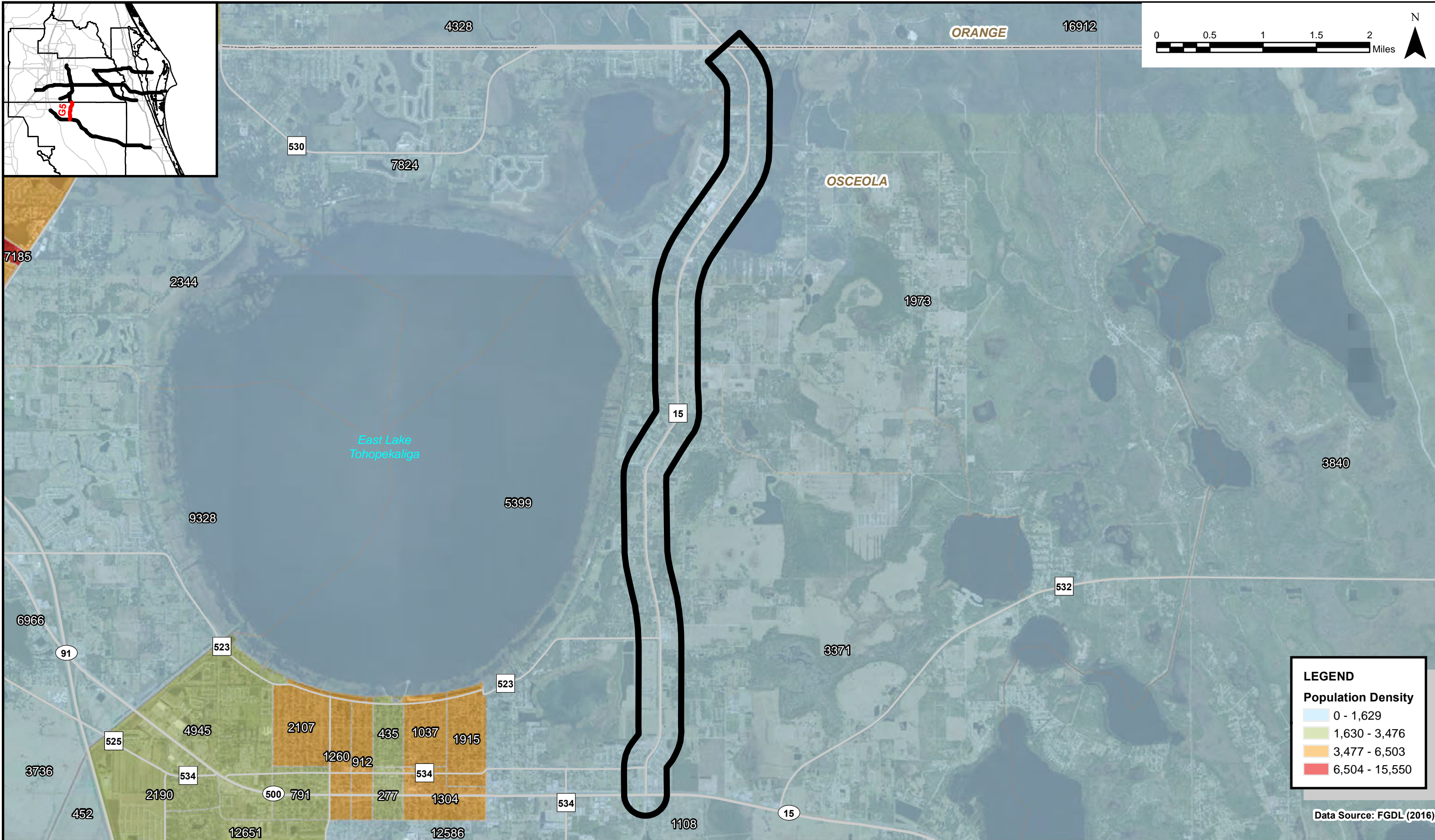
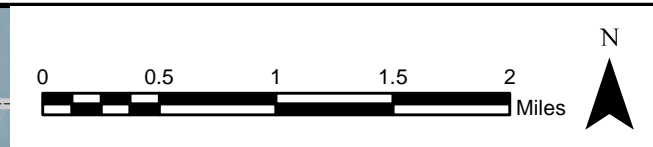
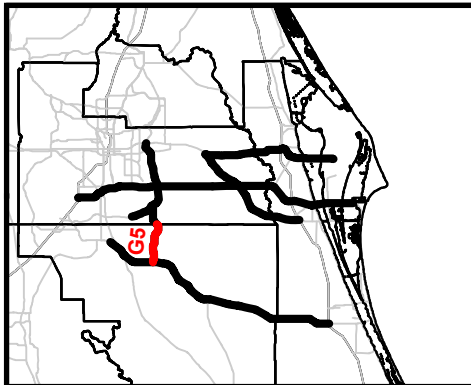


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# Corridor G Population Density

**FIGURE**  
**6.2-1**  
**SEGMENT G4**



**LEGEND**

**Population Density**

0 - 1,629
1,630 - 3,476
3,477 - 6,503
6,504 - 15,550

Data Source: FGDL (2016)



East Central Florida Corridor Evaluation Study



# Corridor G Population Density

**FIGURE**  
**6.2-1**  
**SEGMENT G5**

