

**LEGEND**  
Flood Zones

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

Data Sources: FGDL (2016)

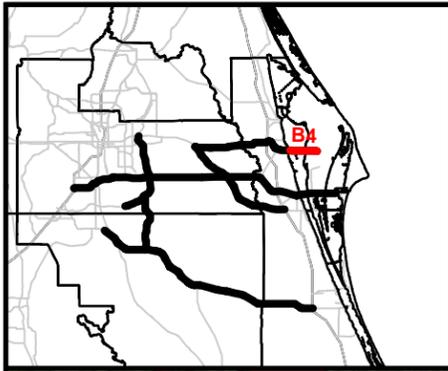


East Central Florida Corridor Evaluation Study



# Corridor B Flood Zones

**FIGURE  
3.6-2**  
SEGMENT B3



**LEGEND**

**Flood Zones**

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

Data Sources: FGDL (2016)

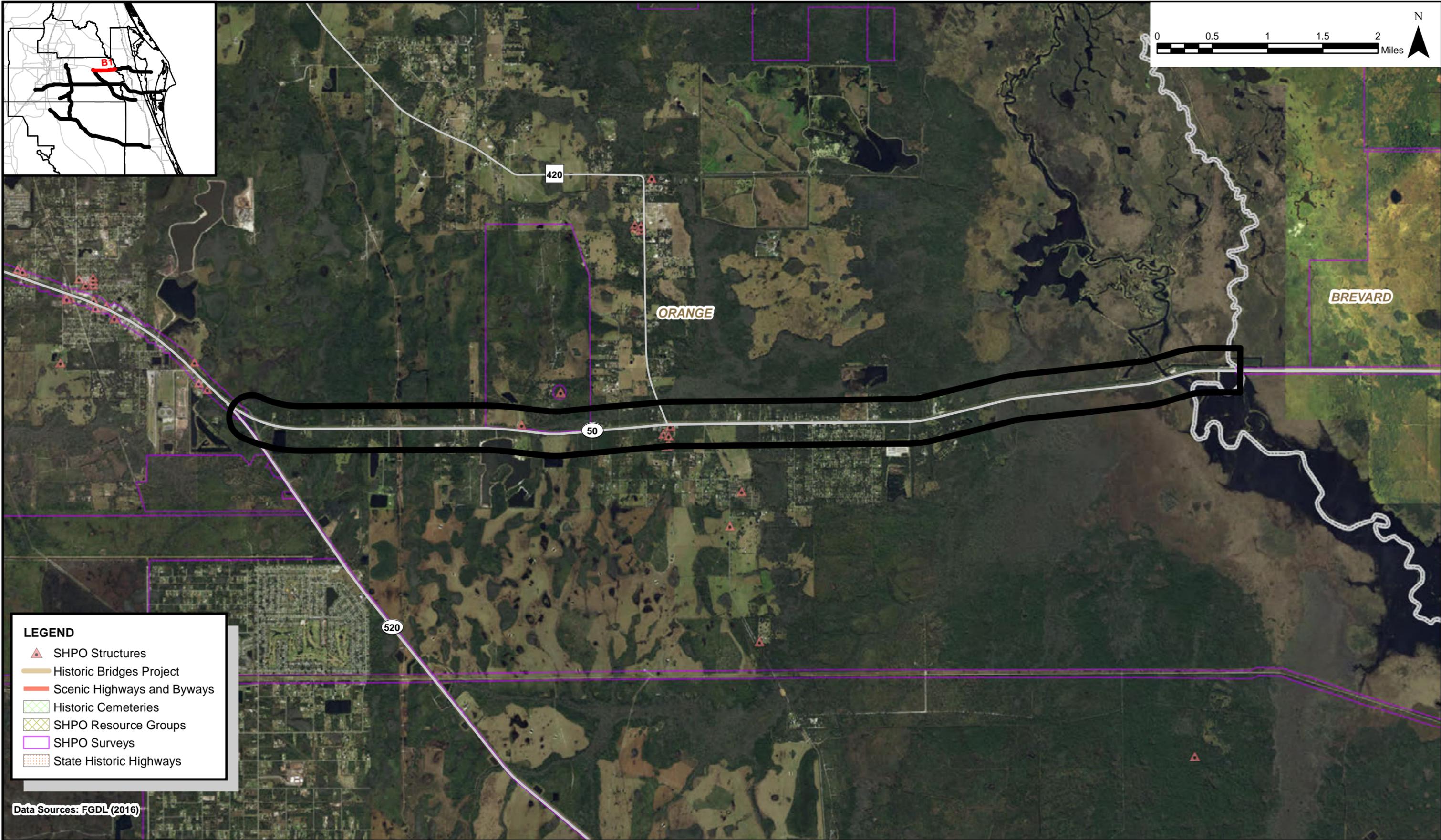
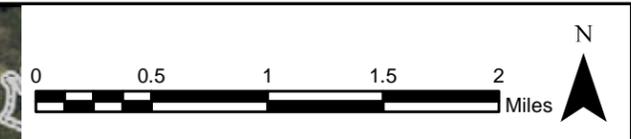
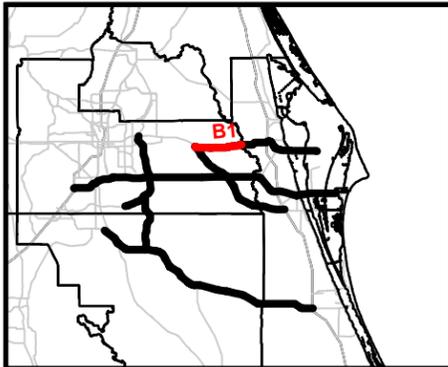


East Central Florida Corridor Evaluation Study



# Corridor B Flood Zones

**FIGURE**  
**3.6-2**  
**SEGMENT B4**



**LEGEND**

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

Data Sources: FGDL (2016)

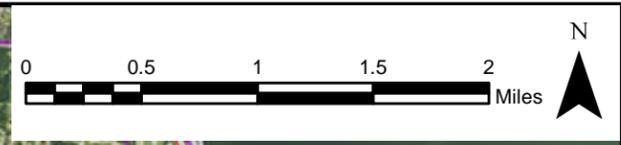
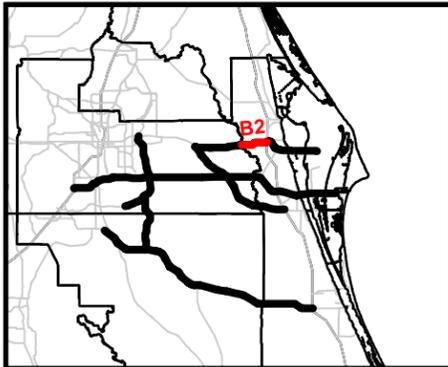


East Central Florida Corridor Evaluation Study



**Corridor B**  
**Historic and Cultural Resources**

**FIGURE**  
**3.6-3**  
 SEGMENT B1



**LEGEND**

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

Data Sources: FGDL (2016)

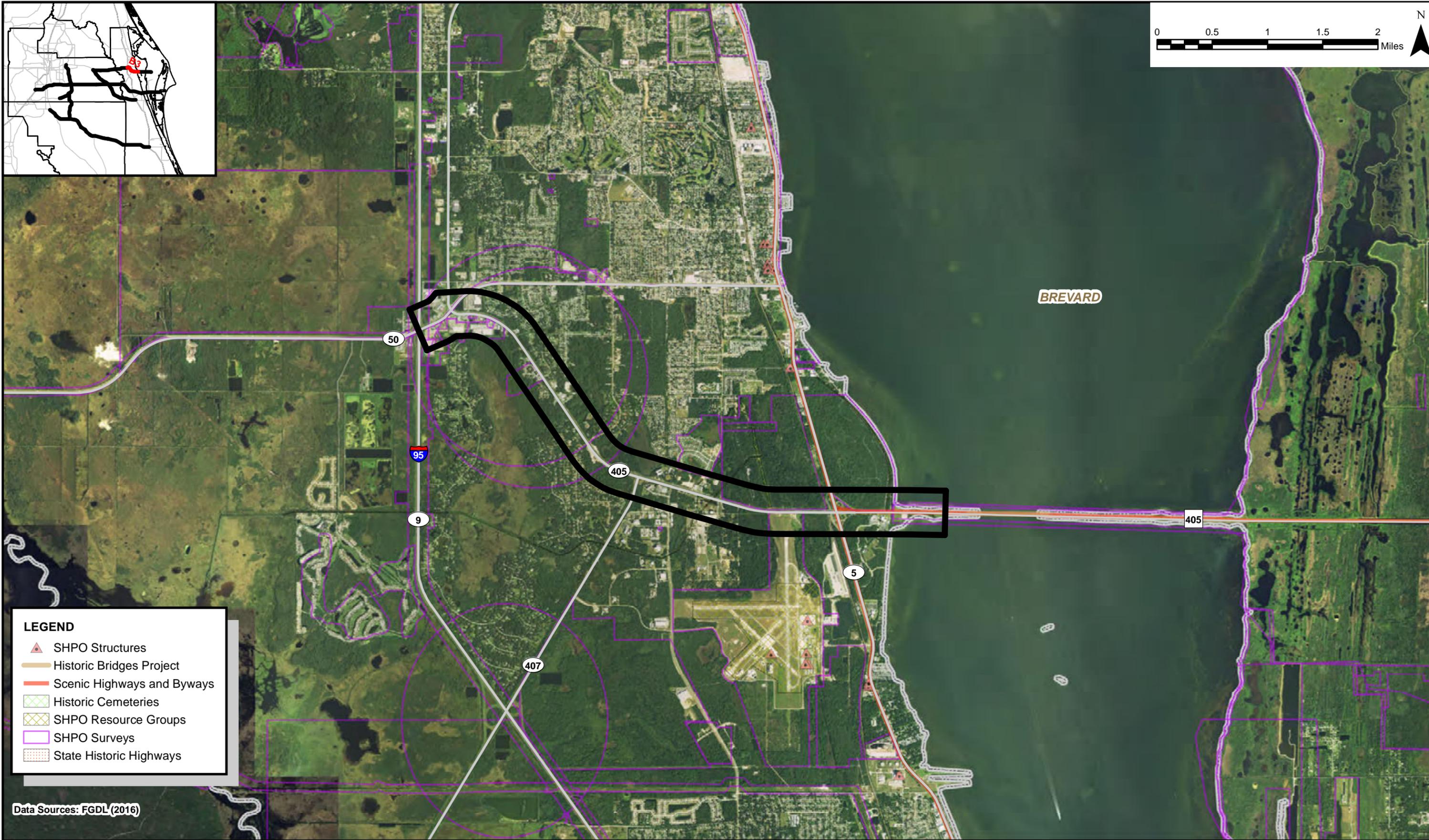
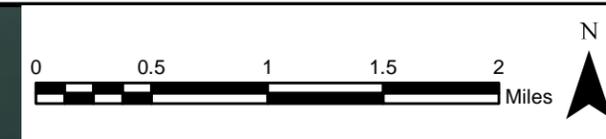
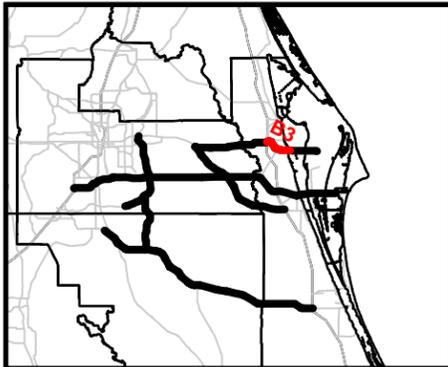


East Central Florida Corridor Evaluation Study



# Corridor B Historic and Cultural Resources

**FIGURE  
3.6-3**  
SEGMENT B2



**LEGEND**

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

Data Sources: FGDL (2016)

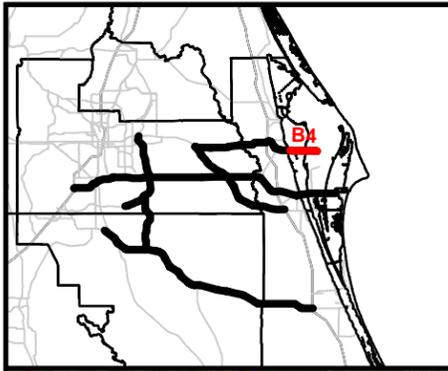


East Central Florida Corridor Evaluation Study



**Corridor B**  
**Historic and Cultural Resources**

**FIGURE**  
**3.6-3**  
**SEGMENT B3**



**LEGEND**

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

Data Sources: FGDL (2016)

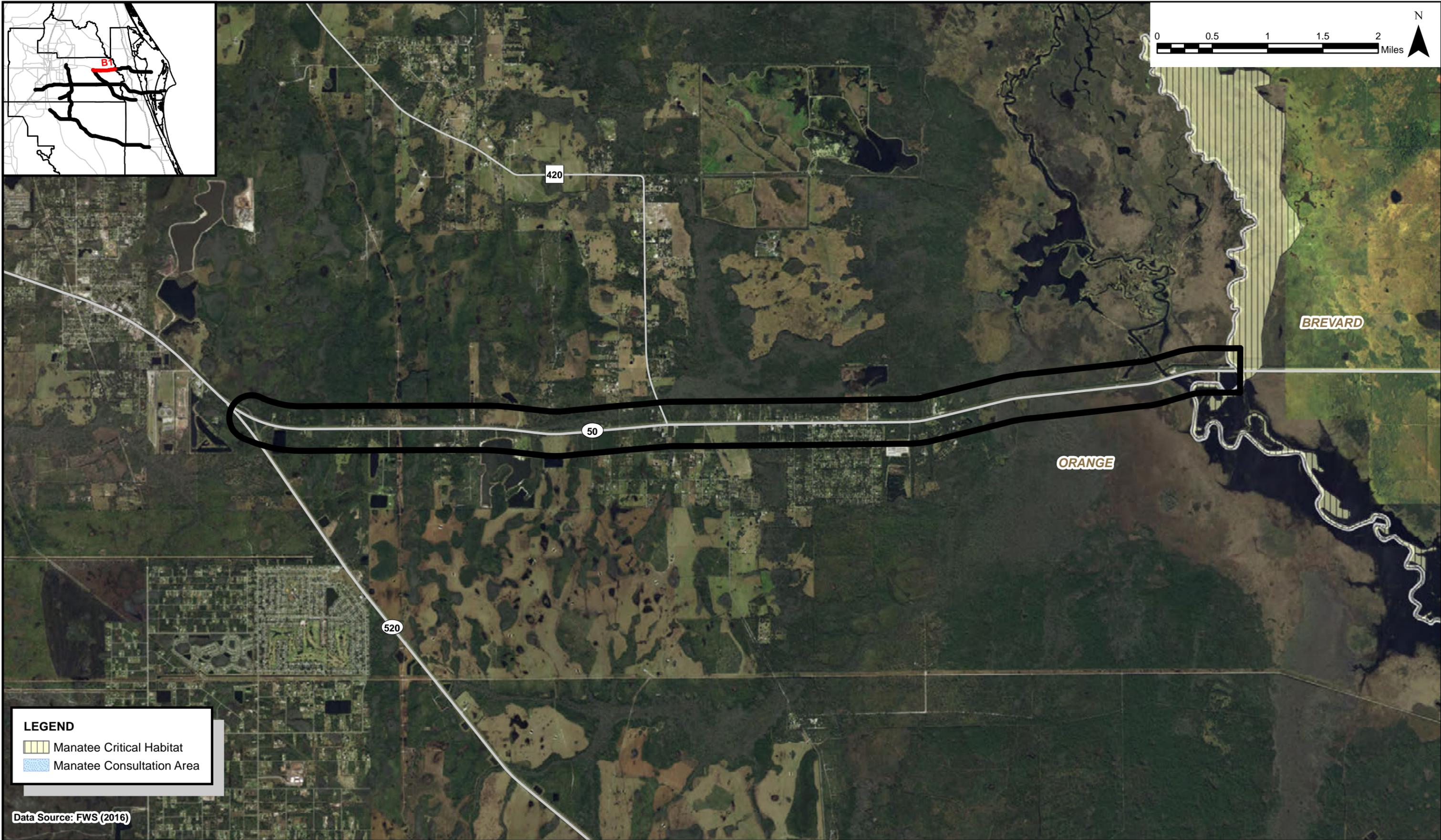
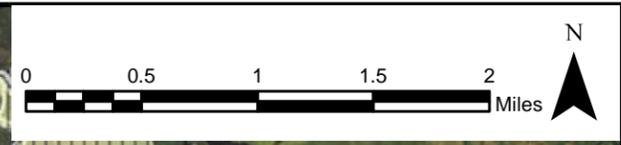
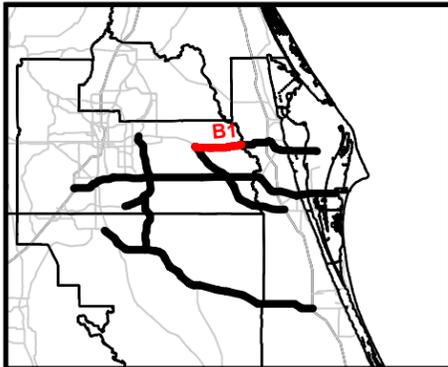


East Central Florida Corridor Evaluation Study



# Corridor B Historic and Cultural Resources

**FIGURE  
3.6-3  
SEGMENT B4**



**LEGEND**

- Manatee Critical Habitat
- Manatee Consultation Area

Data Source: FWS (2016)



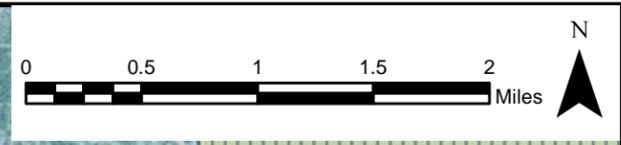
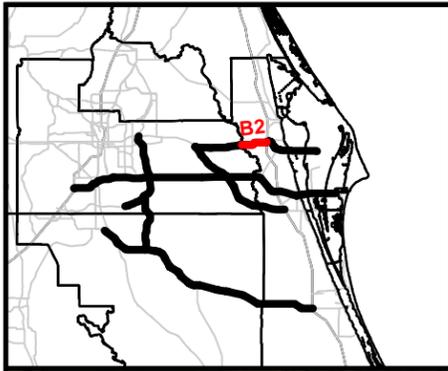
East Central Florida Corridor Evaluation Study



**Corridor B**  
**Threatened and Endangered Species (Manatee)**

**FIGURE**  
**3.6-4**

SEGMENT B1



**LEGEND**

- Manatee Critical Habitat
- Manatee Consultation Area

Data Source: FWS (2016)

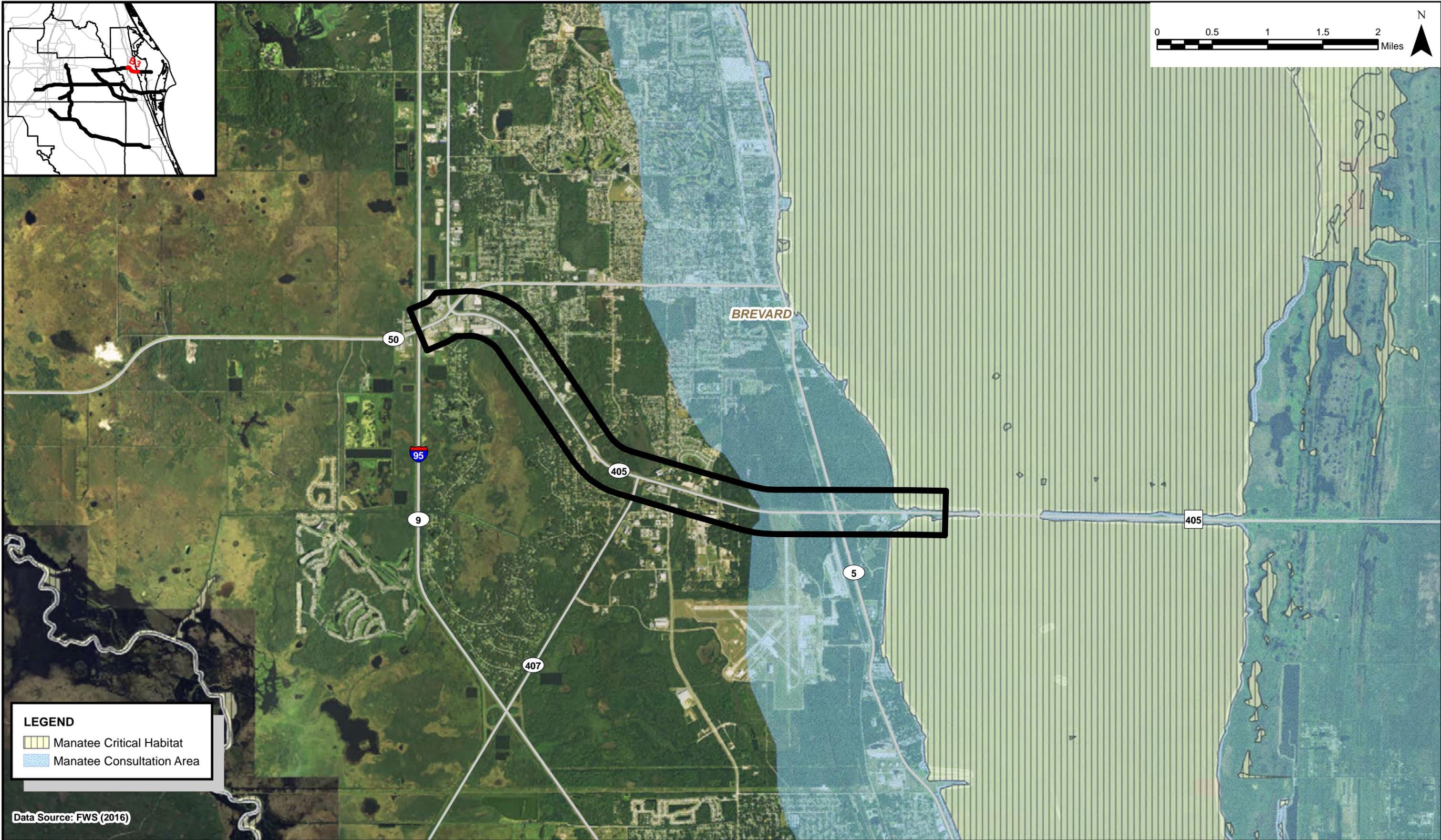
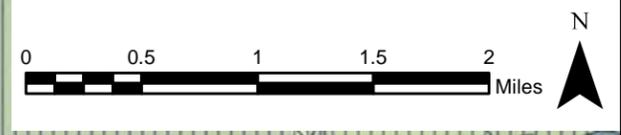
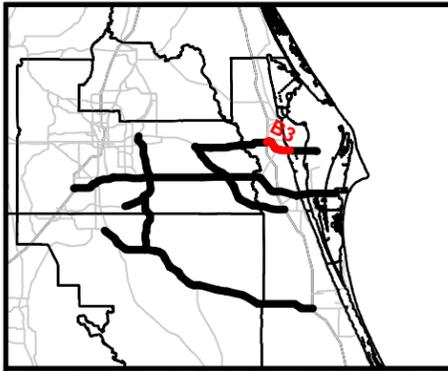


East Central Florida Corridor Evaluation Study



**Corridor B**  
**Threatened and Endangered Species (Manatee)**

**FIGURE**  
**3.6-4**  
**SEGMENT B2**



**LEGEND**

- Manatee Critical Habitat
- Manatee Consultation Area

Data Source: FWS (2016)

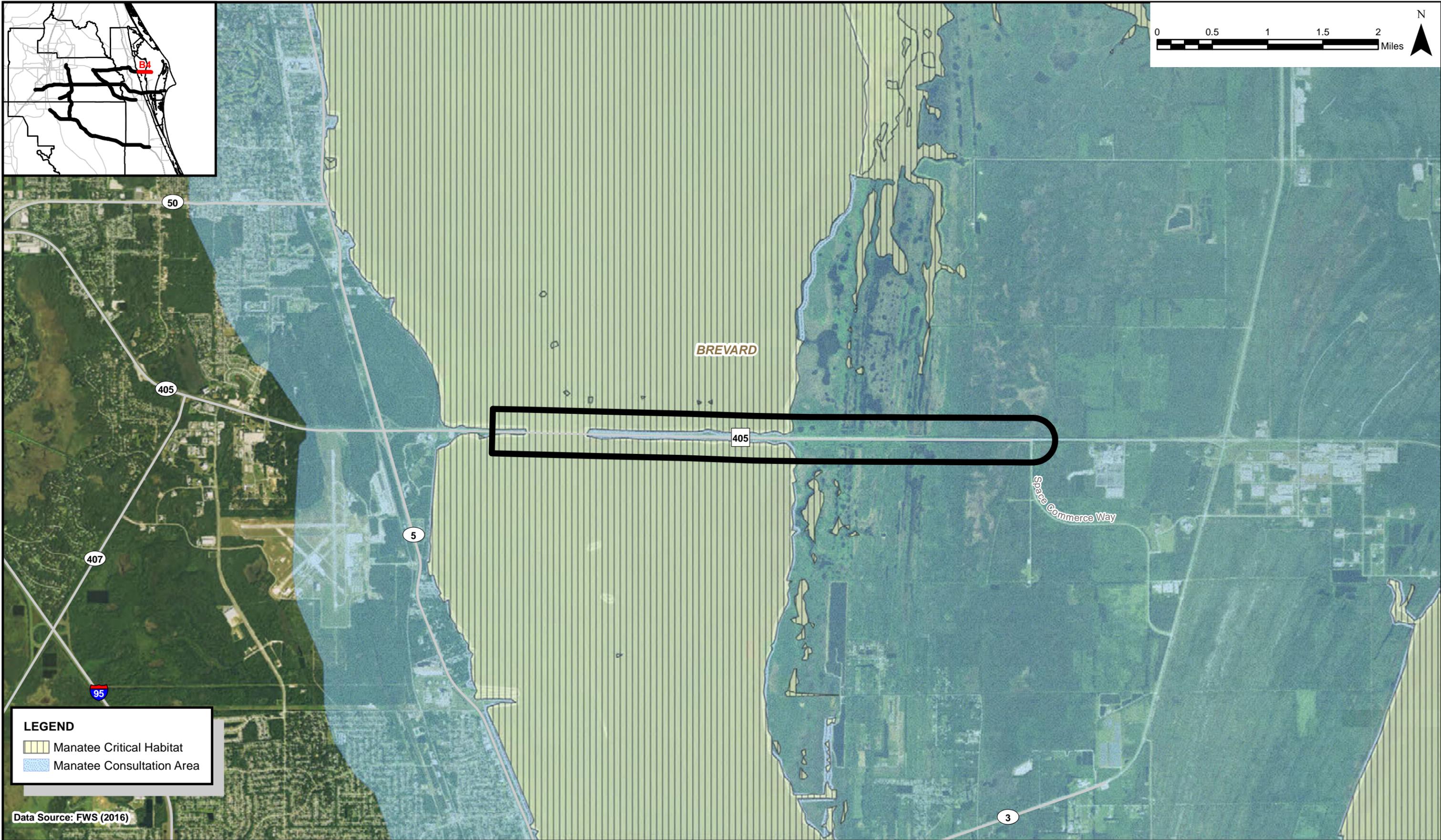
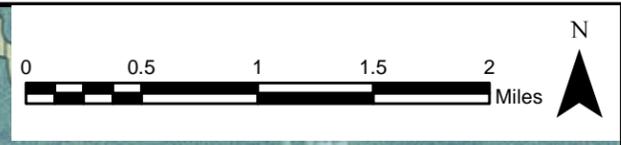
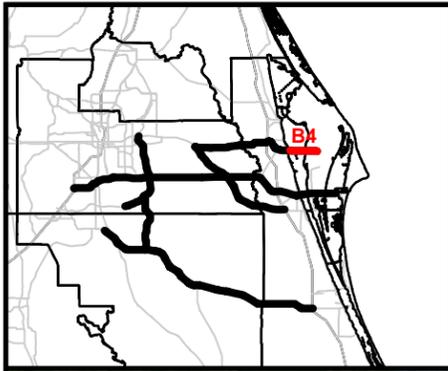


East Central Florida Corridor Evaluation Study



**Corridor B**  
**Threatened and Endangered Species (Manatee)**

**FIGURE**  
**3.6-4**  
 SEGMENT B3



**LEGEND**

-  Manatee Critical Habitat
-  Manatee Consultation Area

Data Source: FWS (2016)

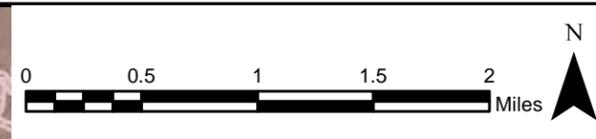
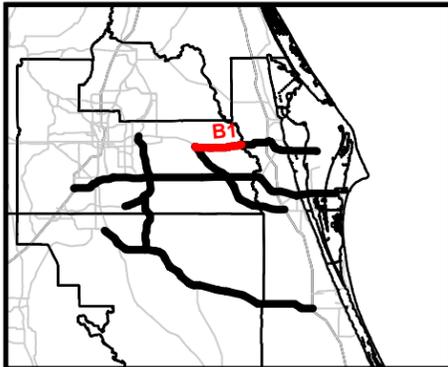


East Central Florida Corridor Evaluation Study



**Corridor B**  
**Threatened and Endangered Species (Manatee)**

**FIGURE**  
**3.6-4**  
**SEGMENT B4**



**LEGEND**

-  Piping Plover Consultation Area
-  Snail Kite Consultation Area

Data Sources: FWS, FGDL (2016)

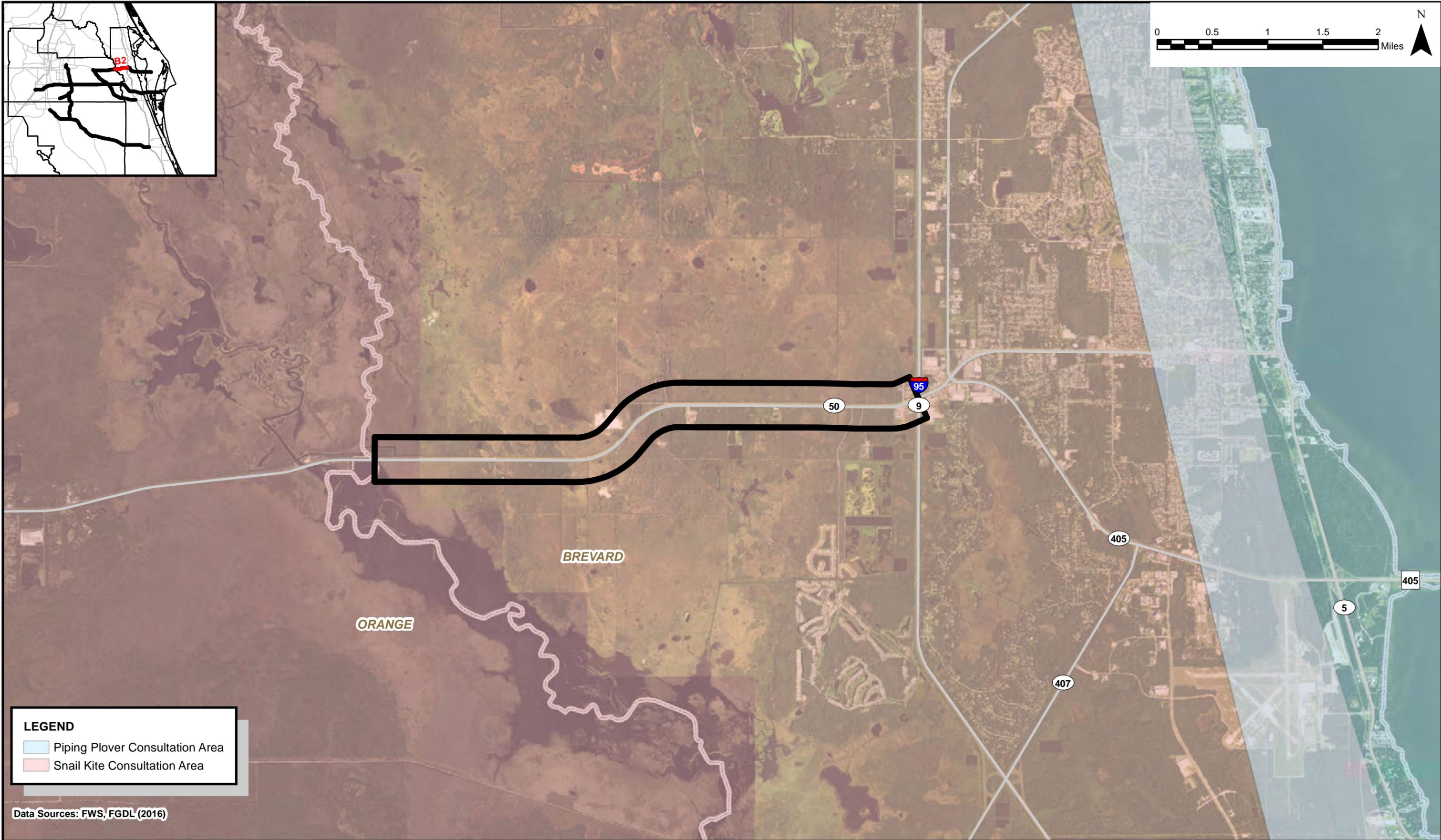
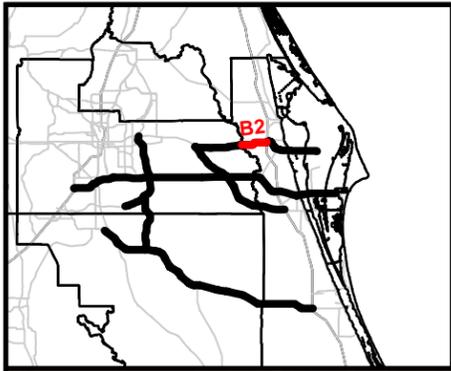


East Central Florida Corridor Evaluation Study



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

**FIGURE  
3.6-4  
SEGMENT B1**



**LEGEND**

- Piping Plover Consultation Area
- Snail Kite Consultation Area

Data Sources: FWS, FGDL (2016)



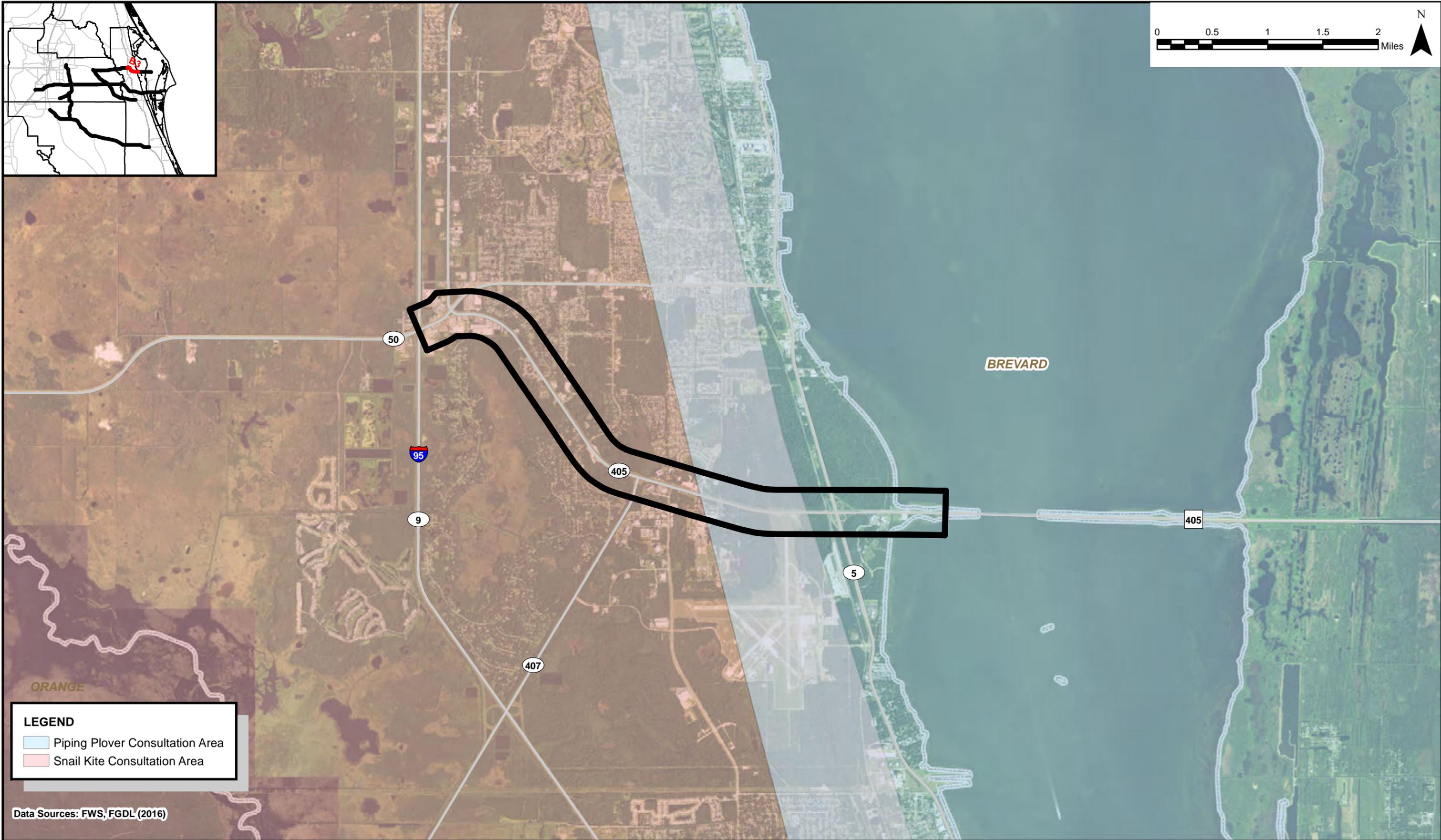
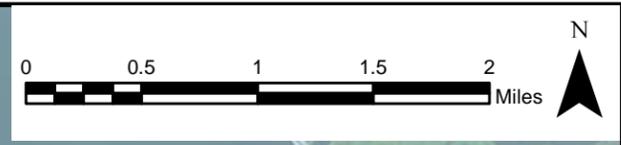
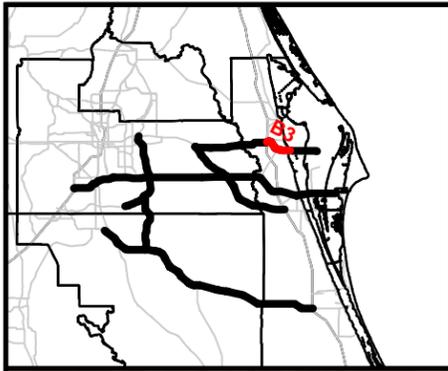
East Central Florida Corridor Evaluation Study



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

**FIGURE  
3.6-4**

**SEGMENT B2**



**LEGEND**

- Piping Plover Consultation Area
- Snail Kite Consultation Area

Data Sources: FWS, FGDL (2016)



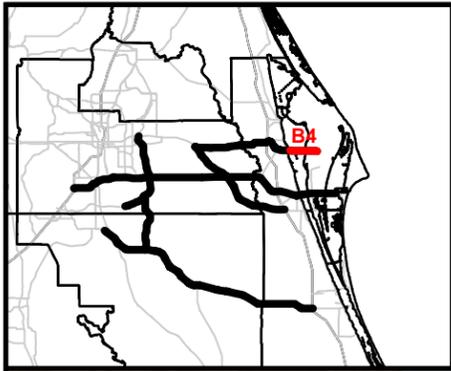
East Central Florida Corridor Evaluation Study



### Corridor B Threatened and Endangered Species (Piping Plover and Snail Kite)

FIGURE  
3.6-4

SEGMENT B3



**LEGEND**

- Piping Plover Consultation Area
- Snail Kite Consultation Area

Data Sources: FWS, FGDL (2016)



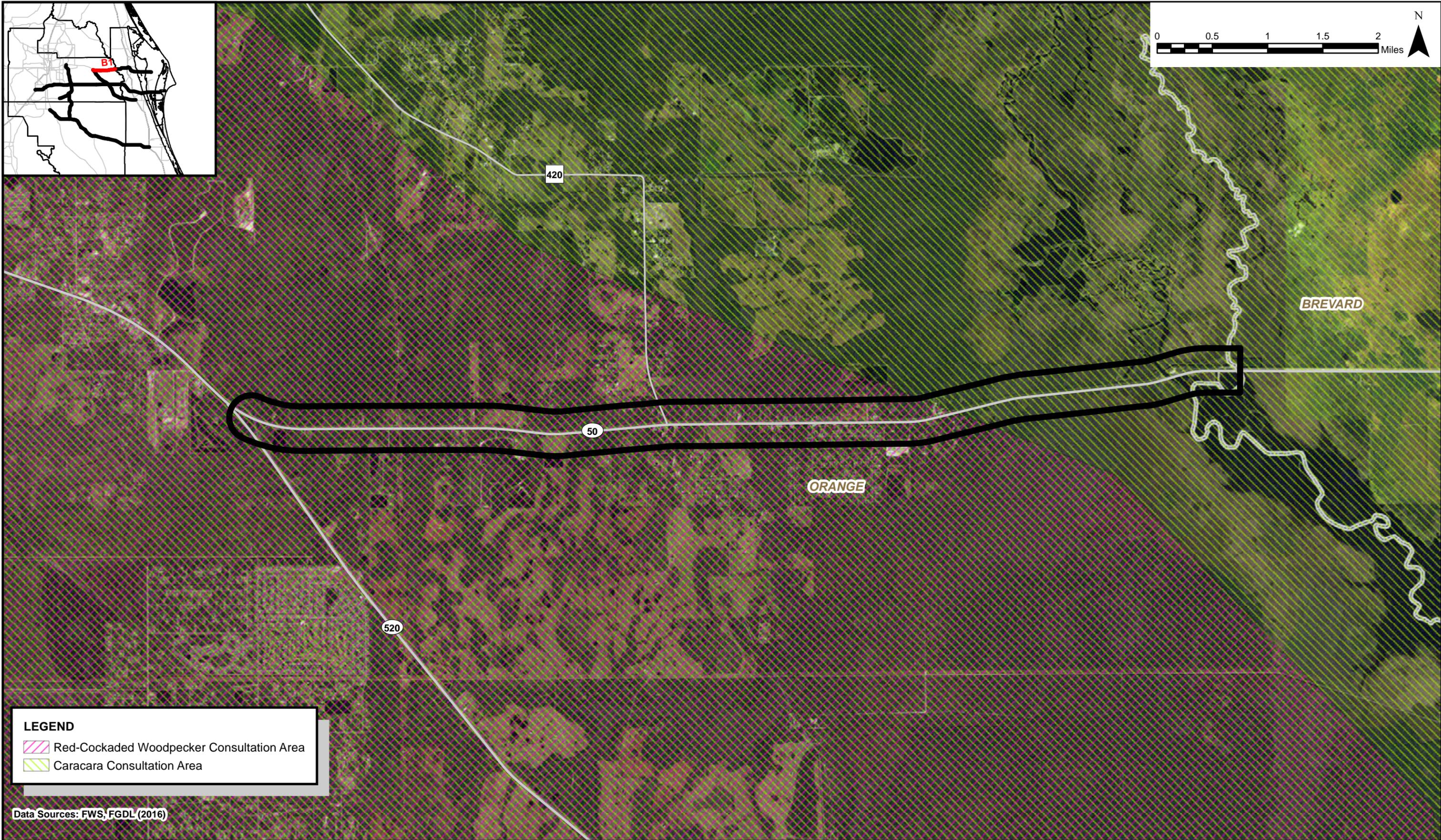
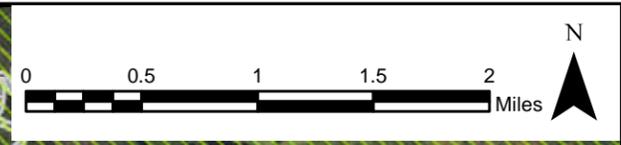
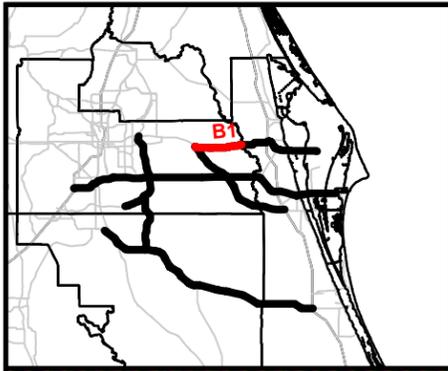
East Central Florida Corridor Evaluation Study



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

**FIGURE**  
3.6-4

SEGMENT B4



**LEGEND**

-  Red-Cockaded Woodpecker Consultation Area
-  Caracara Consultation Area

Data Sources: FWS, FGDL (2016)

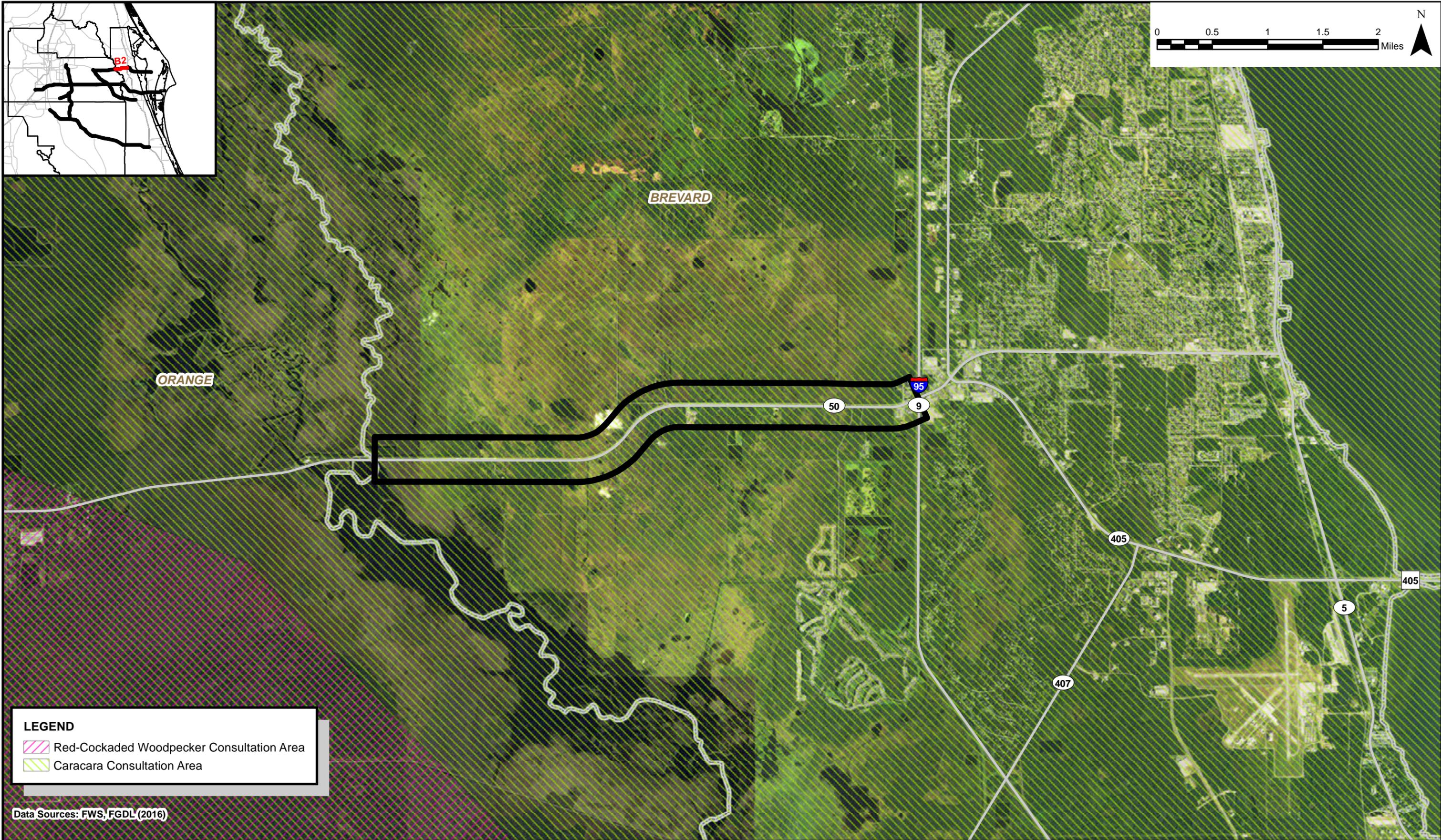
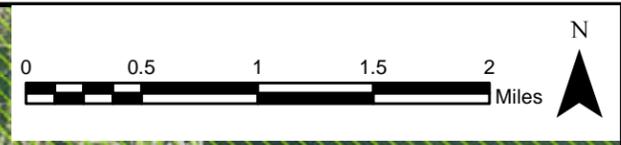
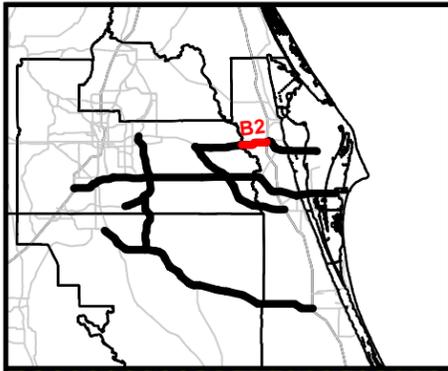


East Central Florida Corridor Evaluation Study



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

**FIGURE**  
**3.6-4**  
**SEGMENT B1**



**LEGEND**

- Red-Cockaded Woodpecker Consultation Area
- Caracara Consultation Area

Data Sources: FWS, FGDL (2016)



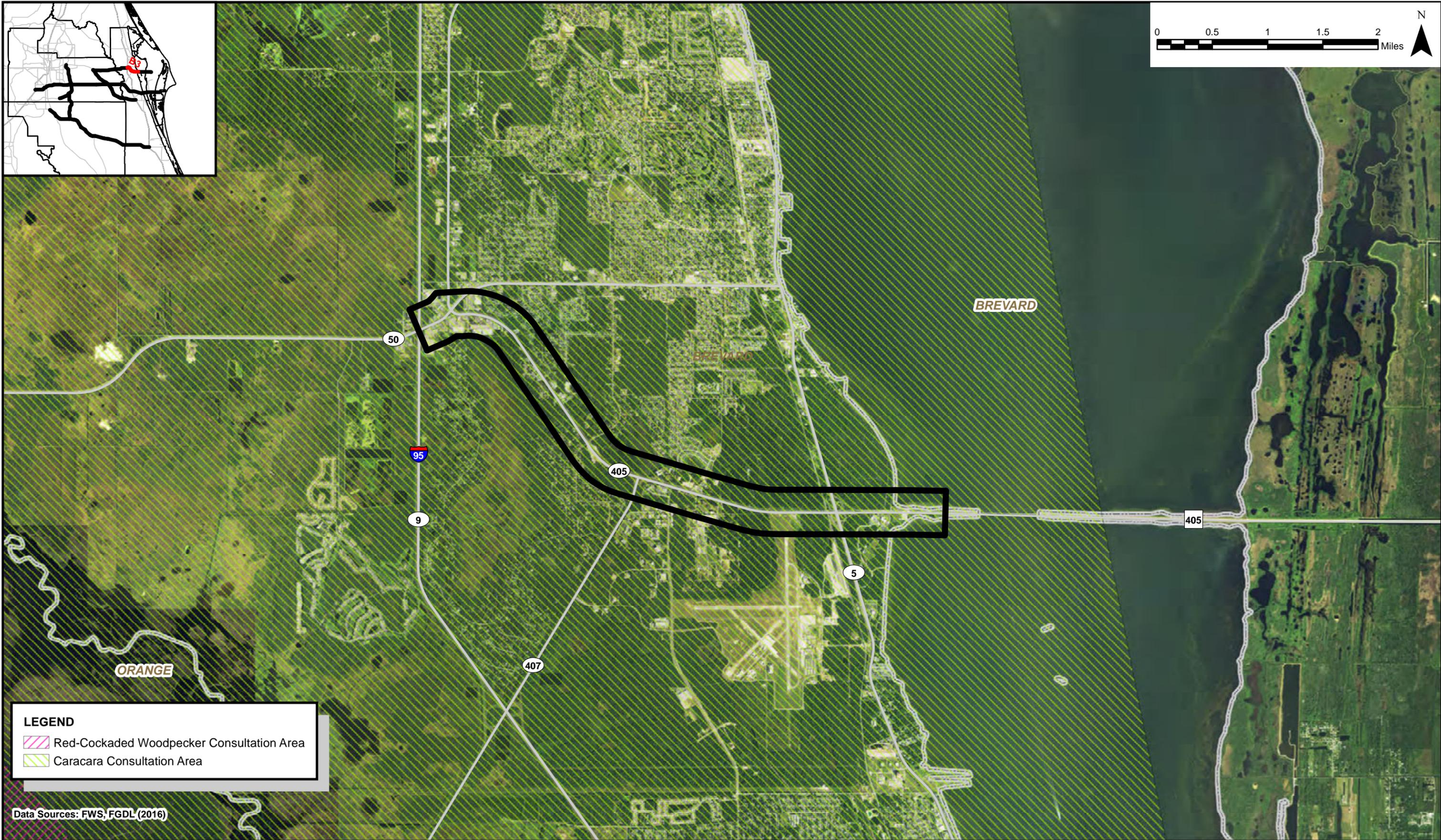
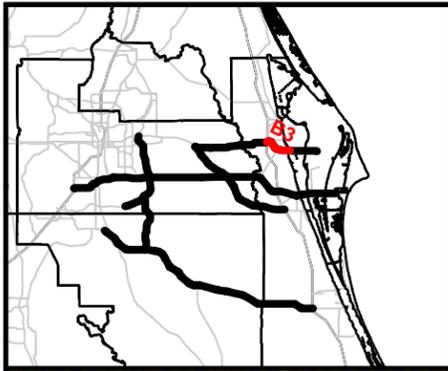
East Central Florida Corridor Evaluation Study



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

**FIGURE**  
**3.6-4**

**SEGMENT B2**



**LEGEND**

- Red-Cockaded Woodpecker Consultation Area
- Caracara Consultation Area

Data Sources: FWS, FGDL (2016)

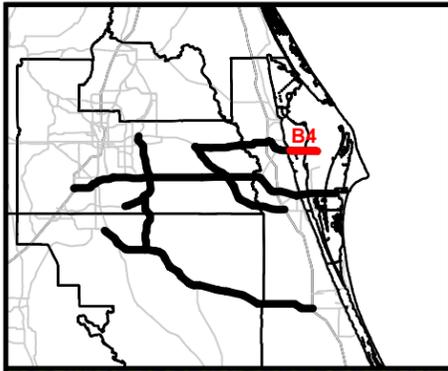


East Central Florida Corridor Evaluation Study



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

**FIGURE**  
**3.6-4**  
**SEGMENT B3**



**LEGEND**

- Red-Cockaded Woodpecker Consultation Area
- Caracara Consultation Area

Data Sources: FWS, FGDL (2016)

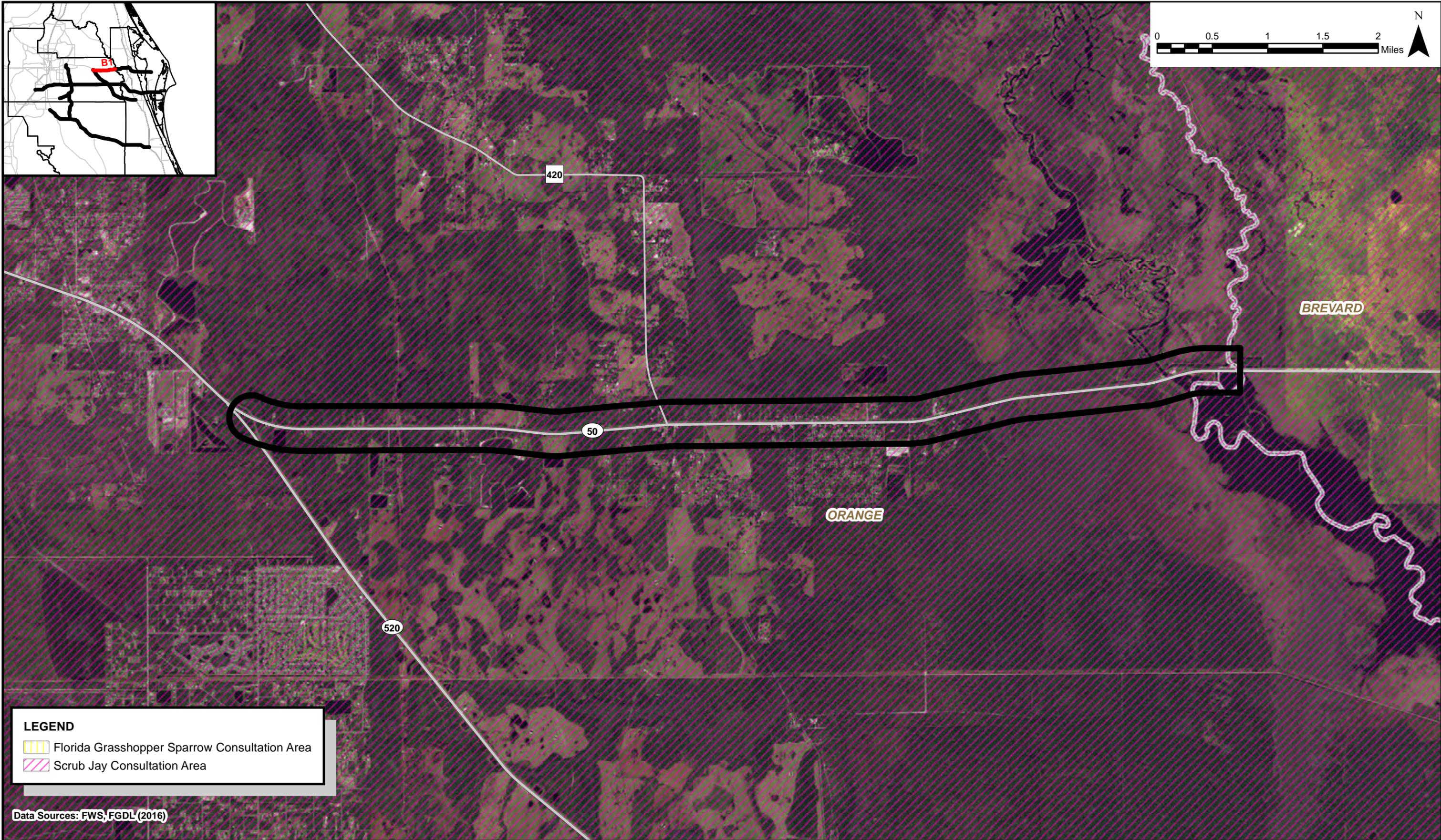
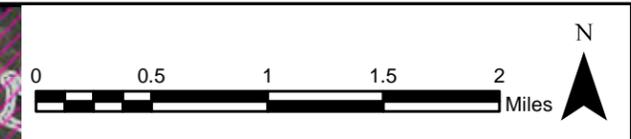
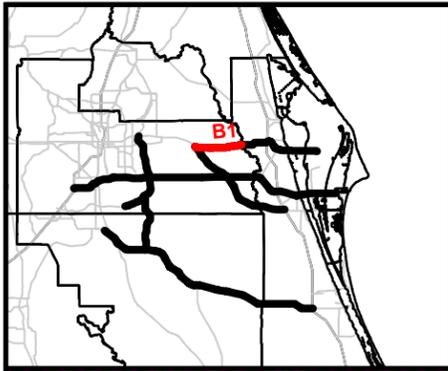


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**Corridor B**  
**Threatened and Endangered Species**  
**(Red-Cockaded Woodpecker and Caracara)**

**FIGURE**  
**3.6-4**  
**SEGMENT B4**



**LEGEND**

- Florida Grasshopper Sparrow Consultation Area
- Scrub Jay Consultation Area

Data Sources: FWS, FGDL (2016)



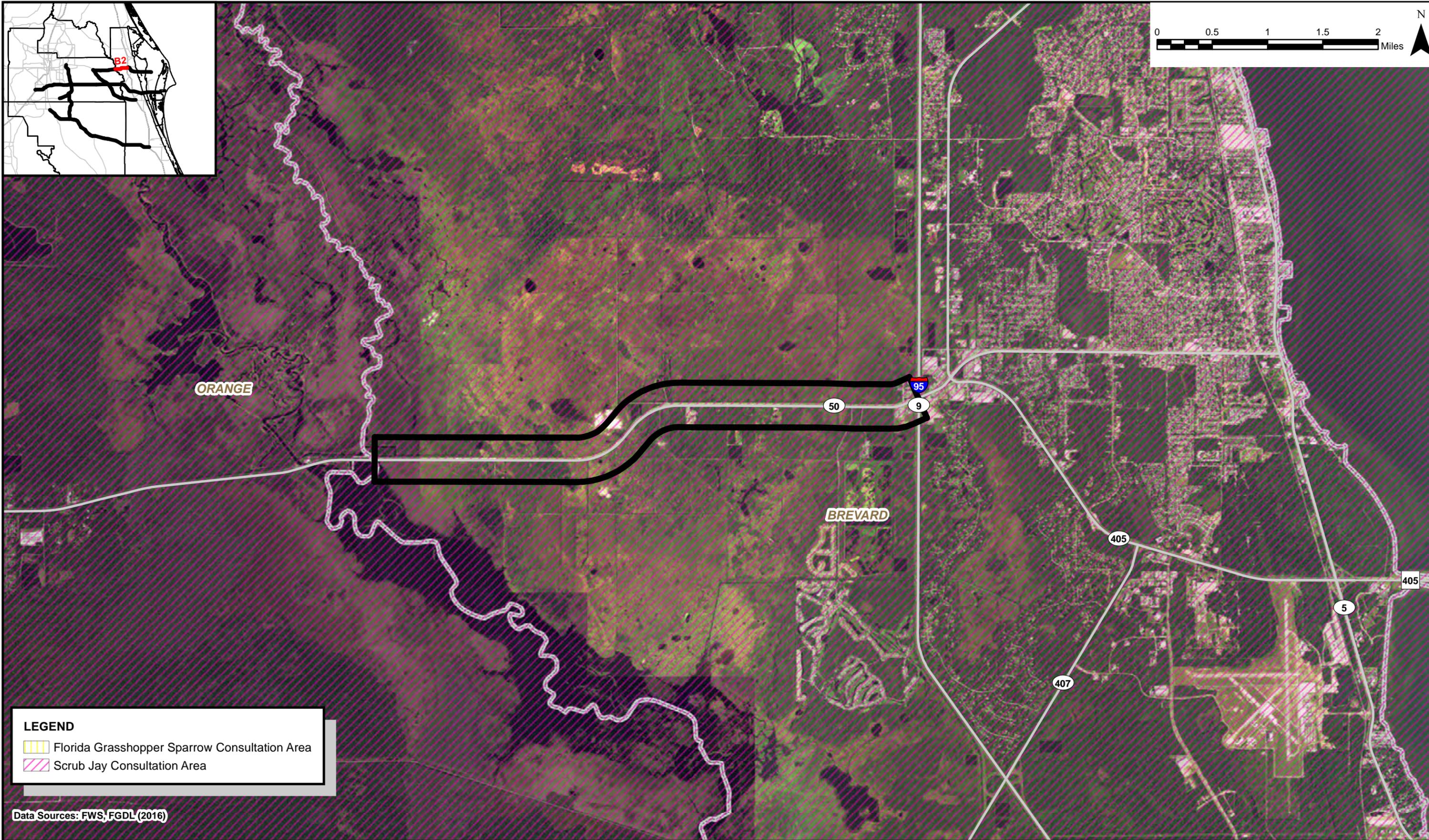
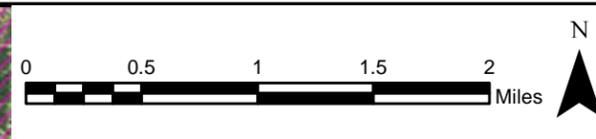
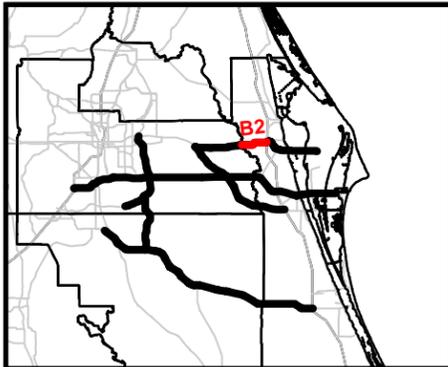
East Central Florida Corridor Evaluation Study



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

**FIGURE**  
**3.6-4**

**SEGMENT B1**



**LEGEND**

- Florida Grasshopper Sparrow Consultation Area
- Scrub Jay Consultation Area

Data Sources: FWS, FGDL (2016)

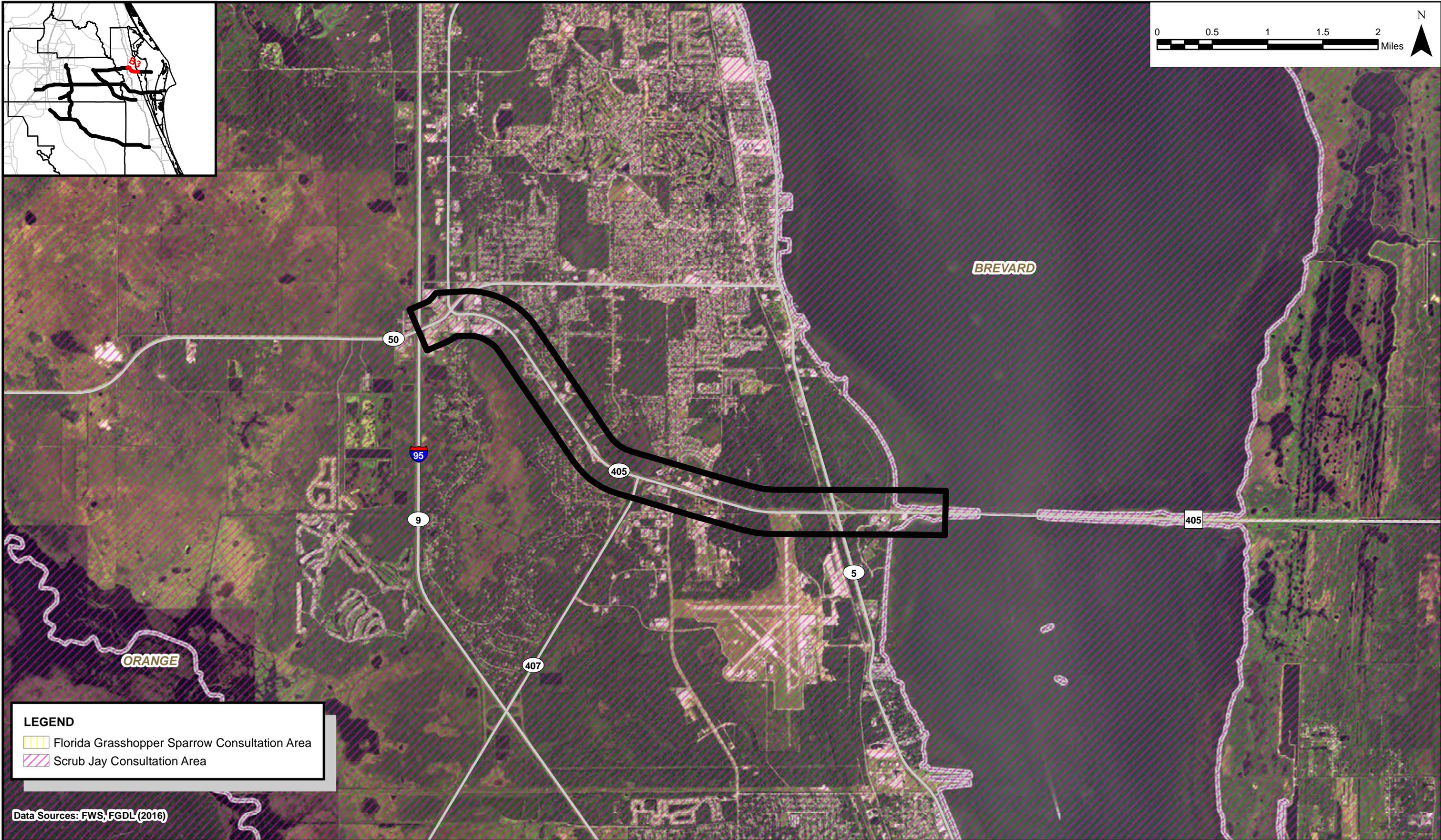
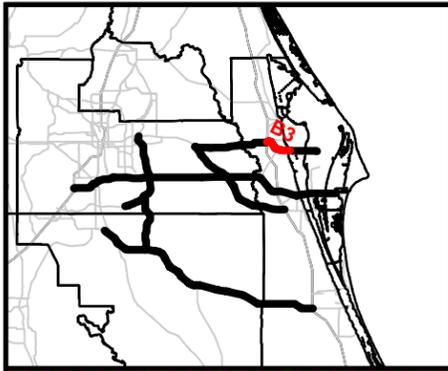


East Central Florida Corridor Evaluation Study



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

**FIGURE  
3.6-4  
SEGMENT B2**



**LEGEND**

-  Florida Grasshopper Sparrow Consultation Area
-  Scrub Jay Consultation Area

Data Sources: FWS, FGDL (2016)



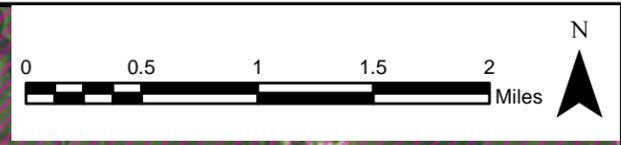
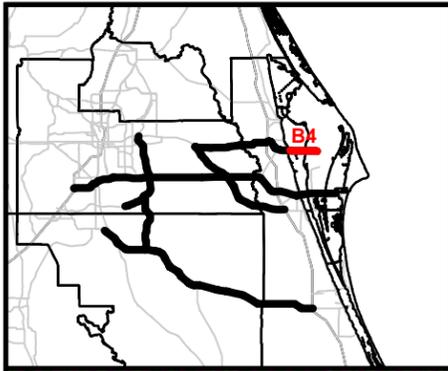
East Central Florida Corridor Evaluation Study



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

**FIGURE**  
**3.6-4**

SEGMENT B3



**LEGEND**

- Florida Grasshopper Sparrow Consultation Area
- Scrub Jay Consultation Area

Data Sources: FWS, FGDL (2016)

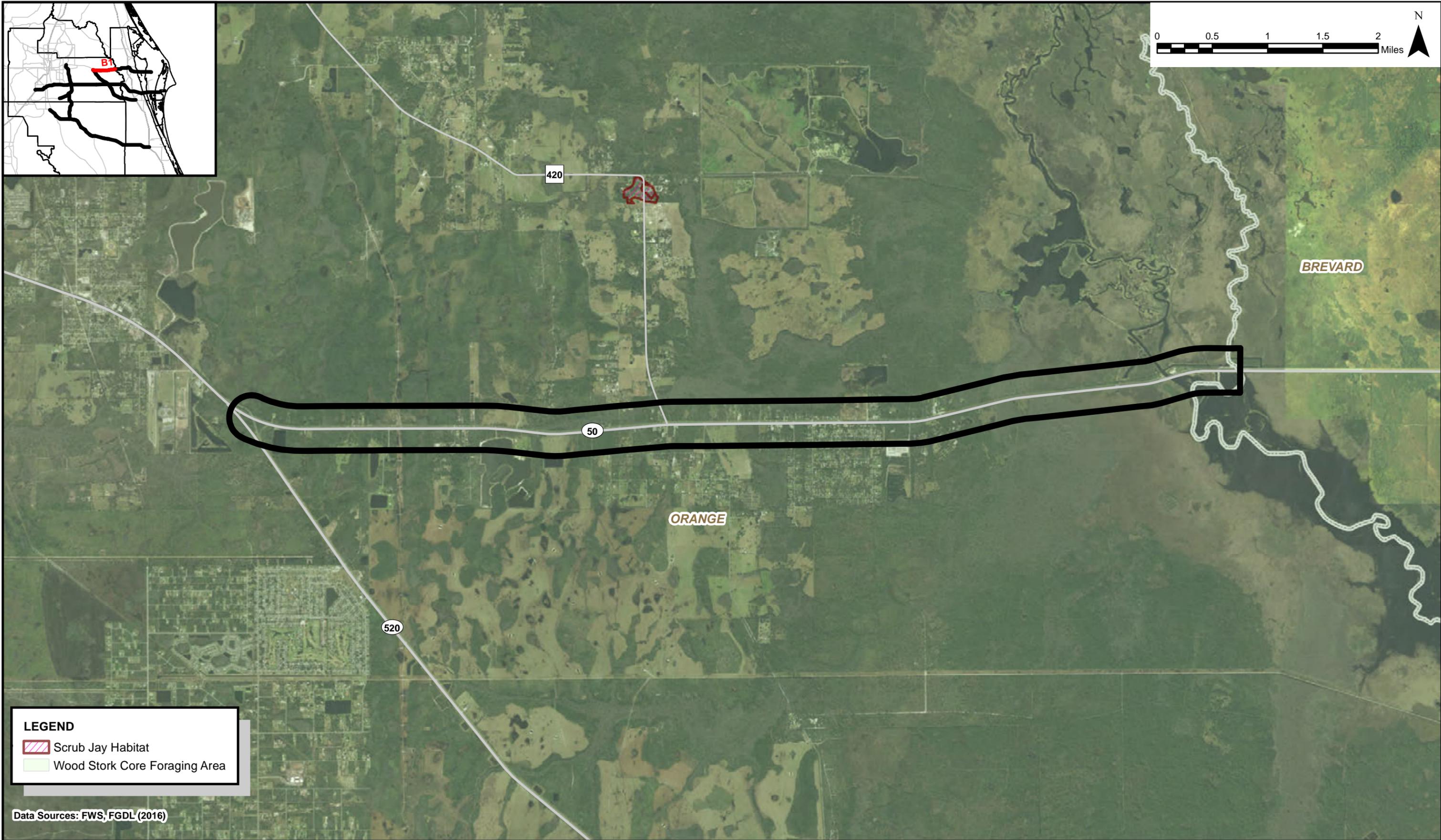
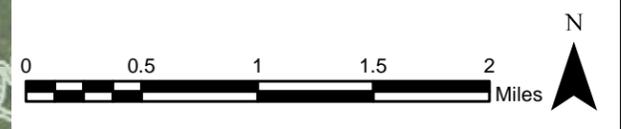
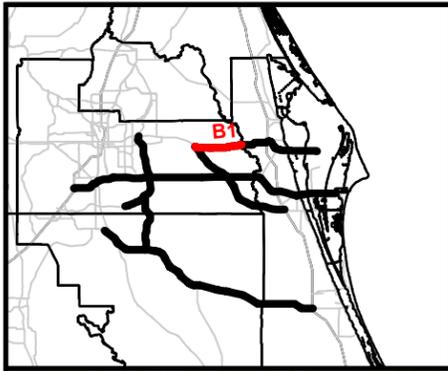


East Central Florida Corridor Evaluation Study



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

**FIGURE**  
**3.6-4**  
**SEGMENT B4**



**LEGEND**

- Scrub Jay Habitat
- Wood Stork Core Foraging Area

Data Sources: FWS, FGDL (2016)



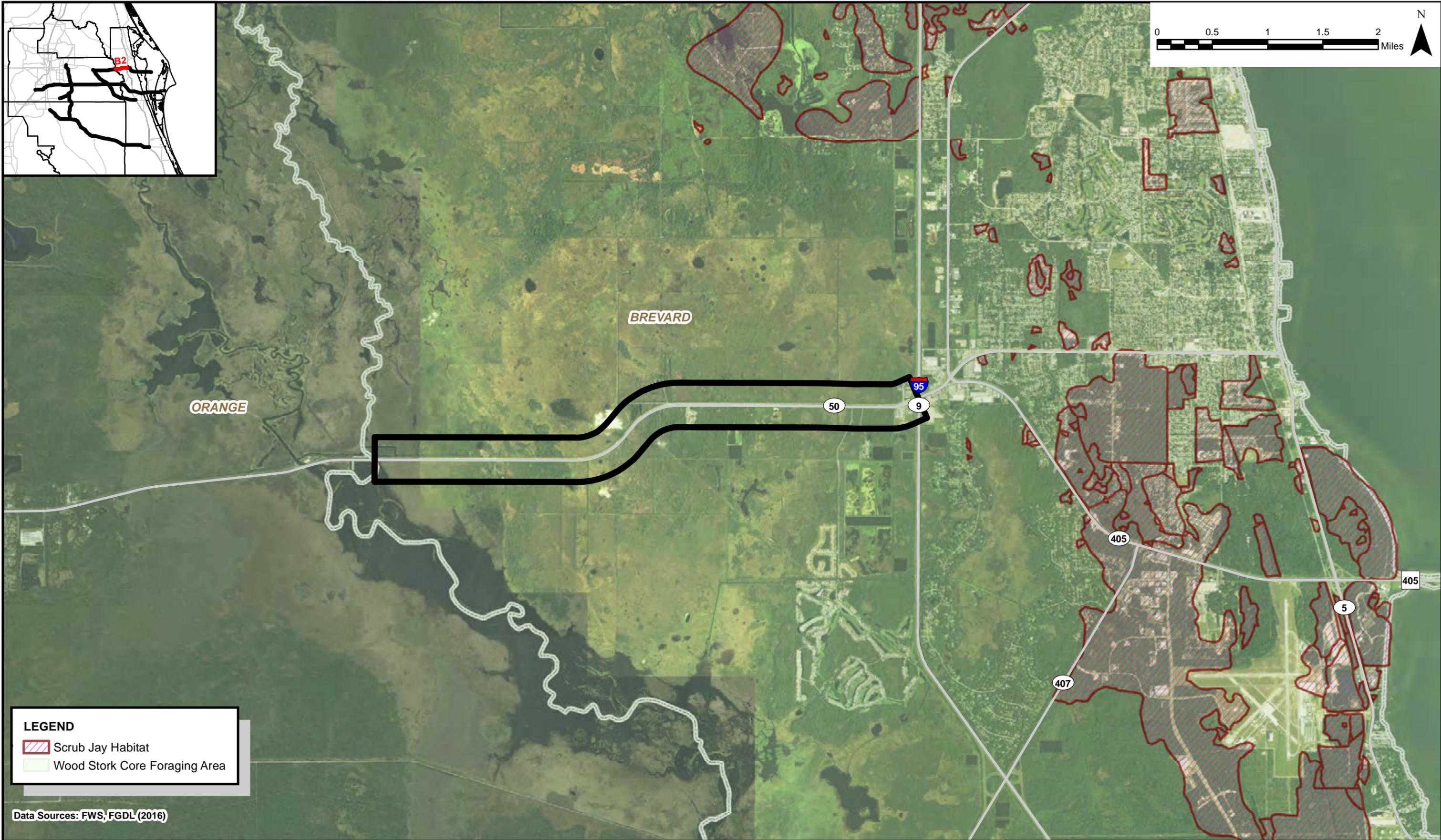
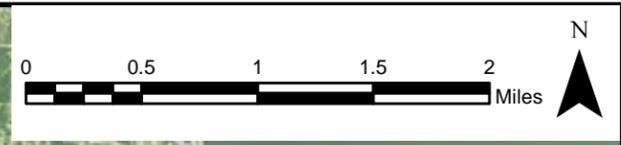
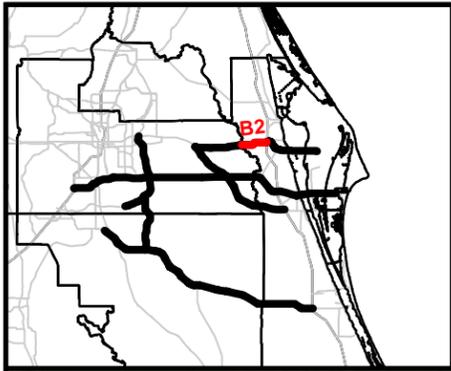
East Central Florida Corridor Evaluation Study



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

**FIGURE**  
**3.6-4**

**SEGMENT B1**



**LEGEND**

-  Scrub Jay Habitat
-  Wood Stork Core Foraging Area

Data Sources: FWS, FGDL (2016)



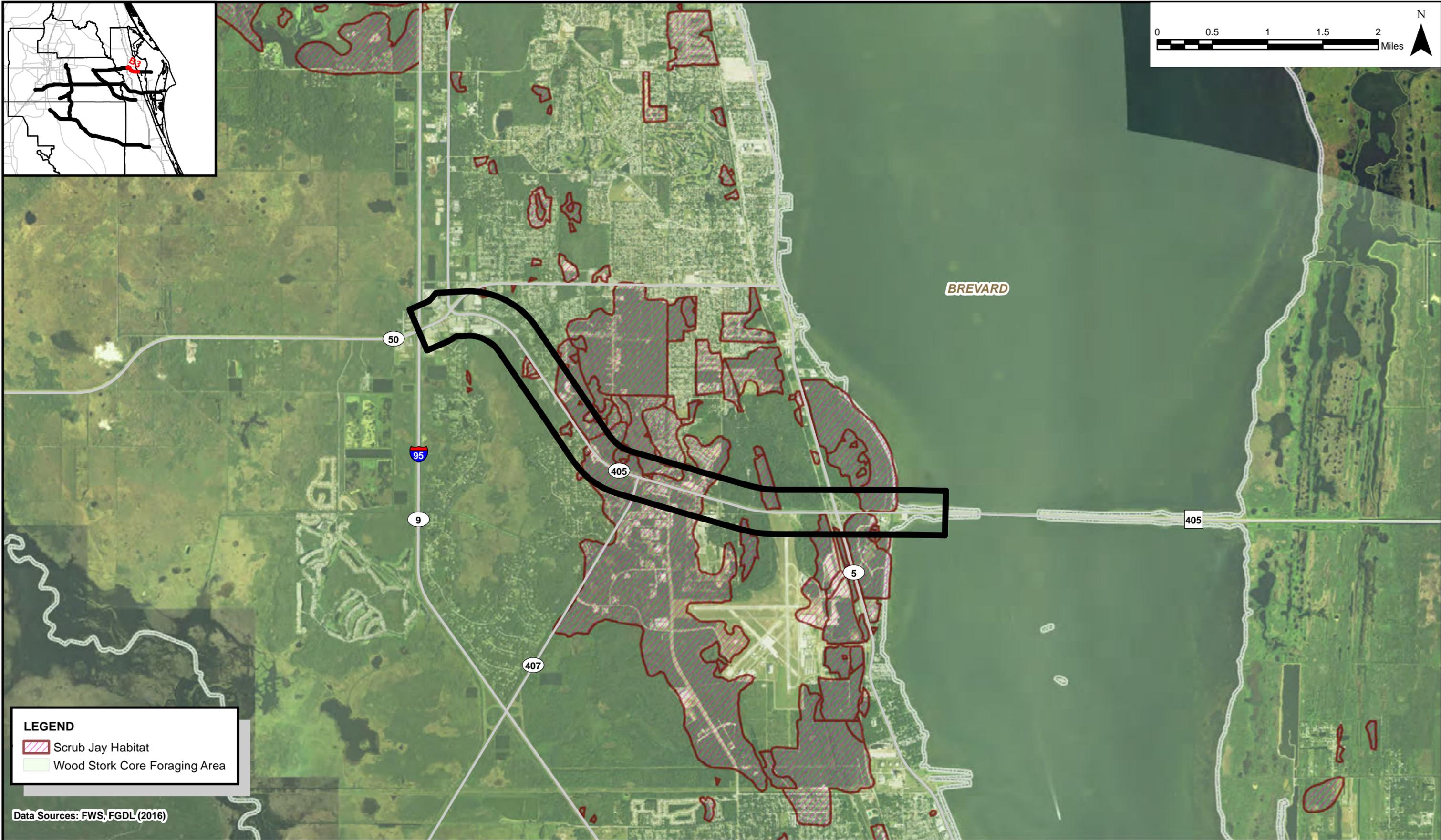
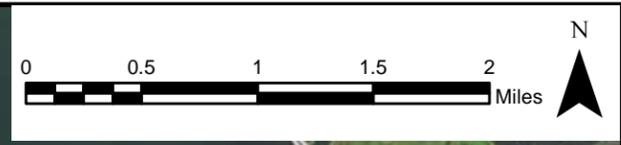
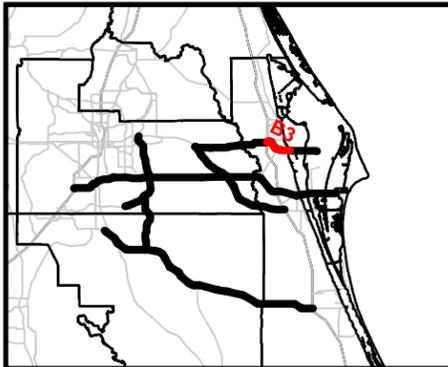
East Central Florida Corridor Evaluation Study



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

**FIGURE**  
**3.6-4**

**SEGMENT B2**



**LEGEND**

- Scrub Jay Habitat
- Wood Stork Core Foraging Area

Data Sources: FWS, FGDL (2016)



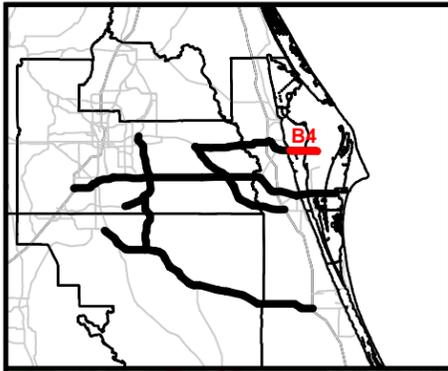
East Central Florida Corridor Evaluation Study



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

**FIGURE**  
**3.6-4**

**SEGMENT B3**



**LEGEND**

-  Scrub Jay Habitat
-  Wood Stork Core Foraging Area

Data Sources: FWS, FGDL (2016)



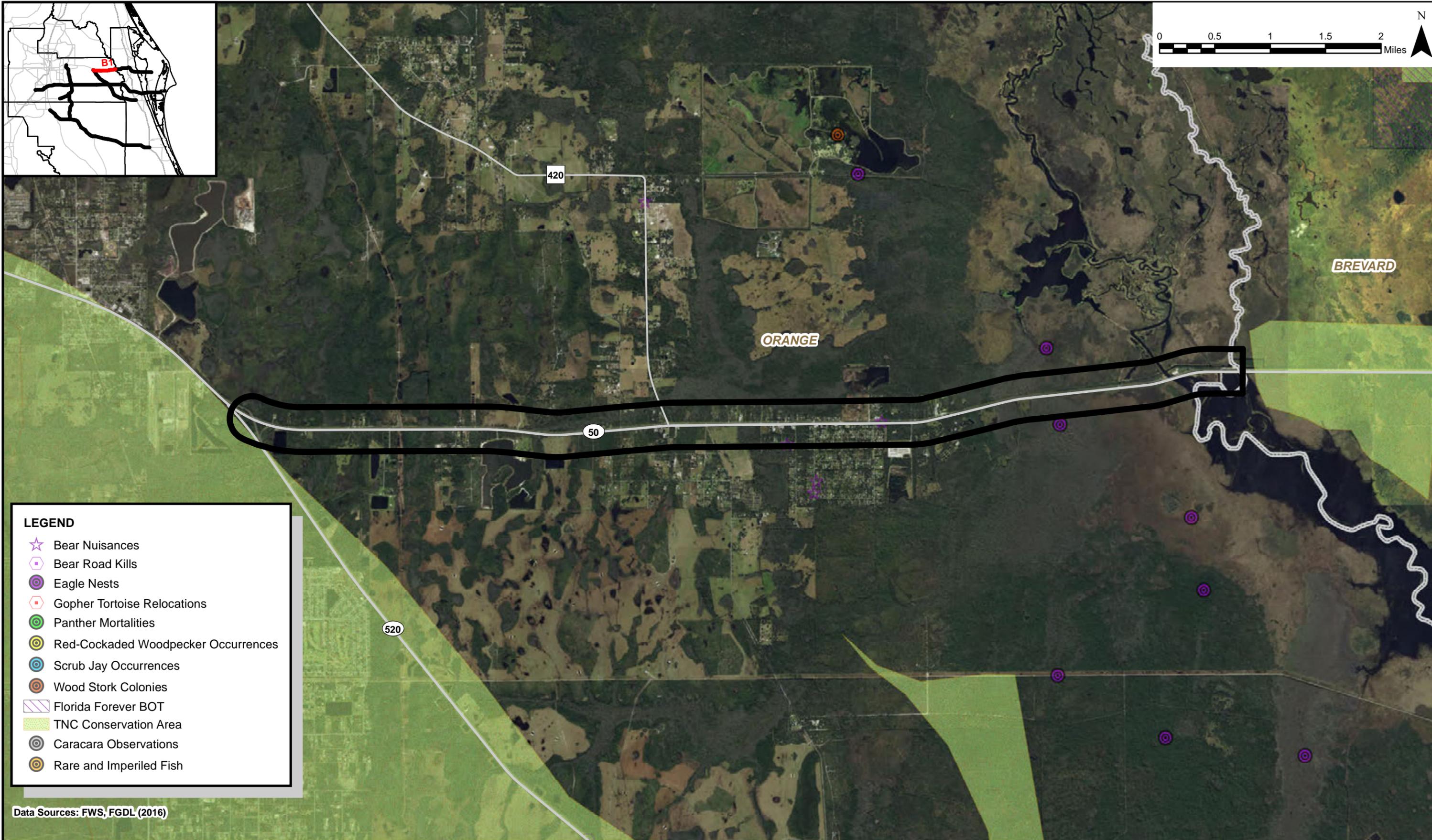
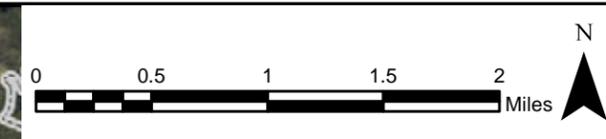
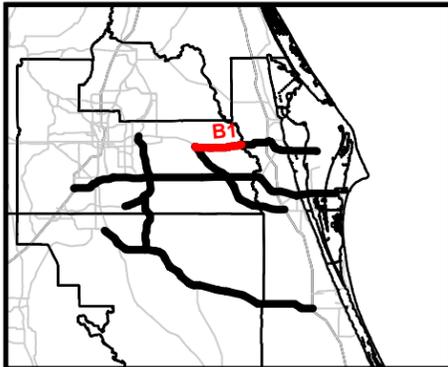
East Central Florida Corridor Evaluation Study



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

**FIGURE**  
3.6-4

SEGMENT B4



**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)



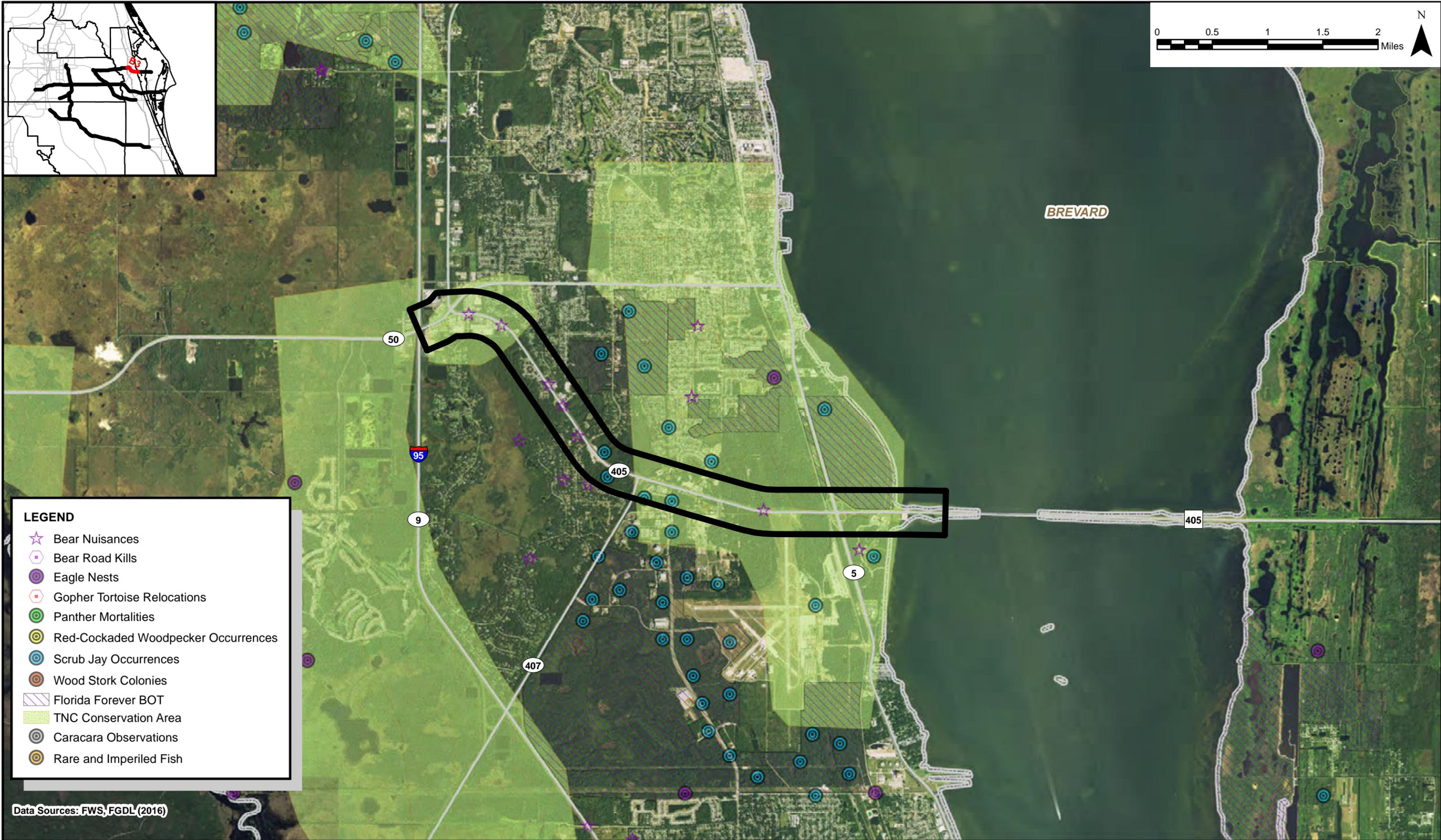
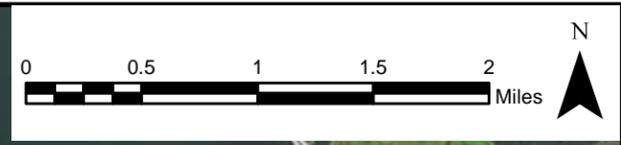
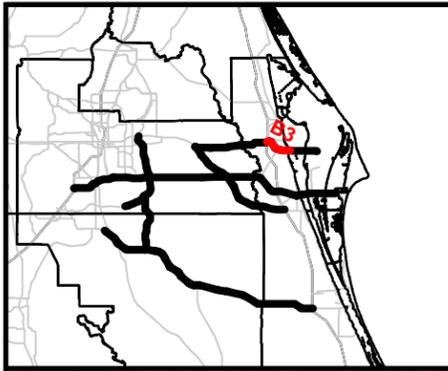
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**Corridor B  
Threatened and Endangered Species  
(Additional Features)**

**FIGURE  
3.6-4  
SEGMENT B1**





**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)



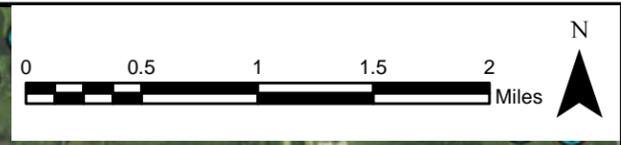
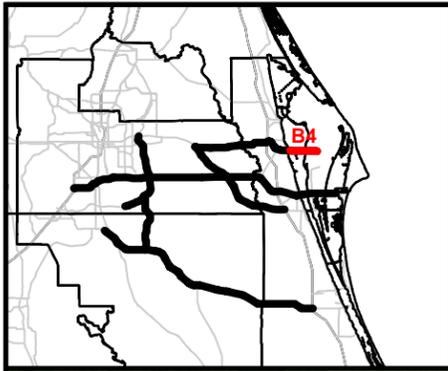
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**Corridor B**  
**Threatened and Endangered Species**  
**(Additional Features)**

**FIGURE**  
**3.6-4**

**SEGMENT B3**



**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)



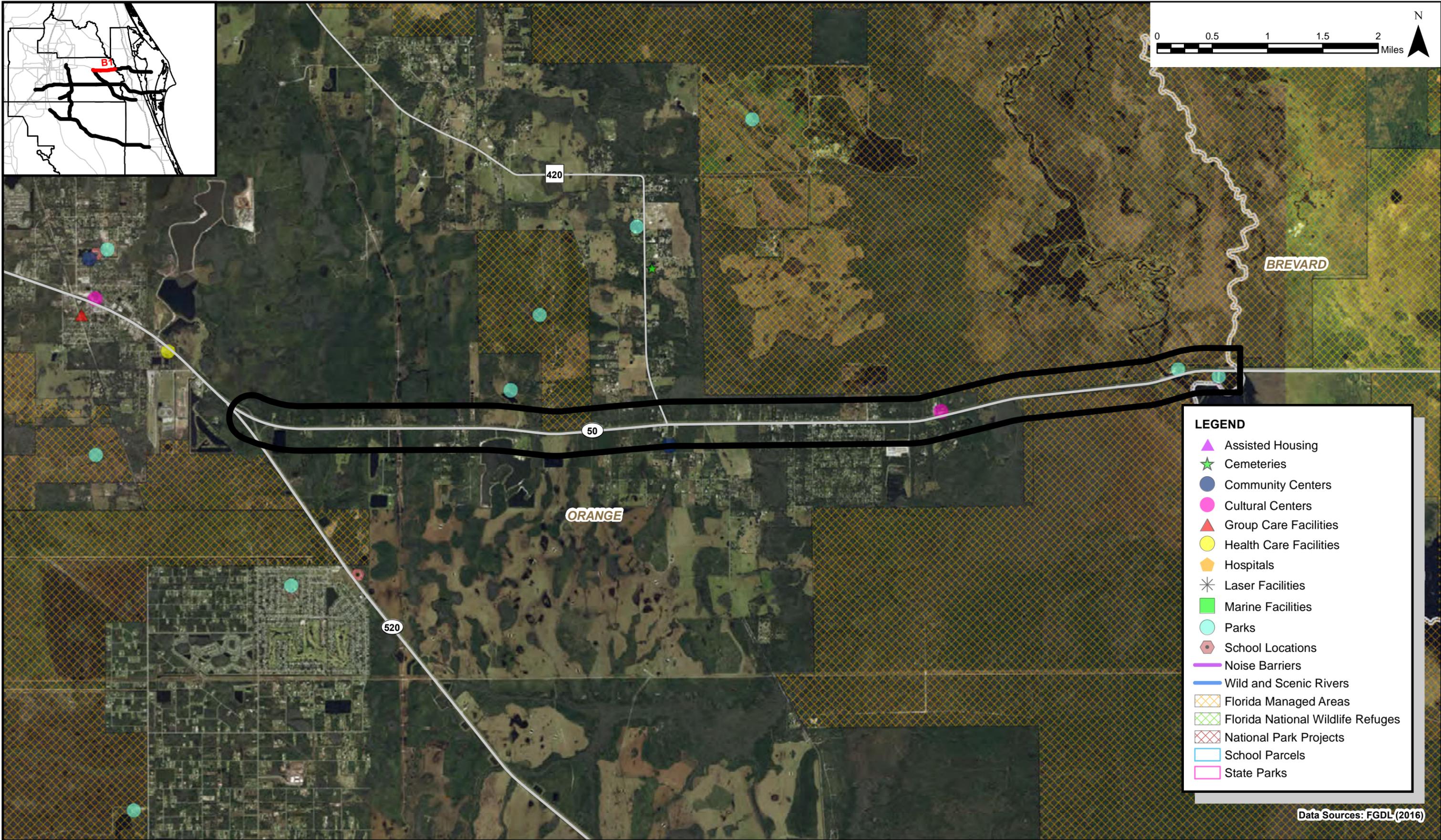
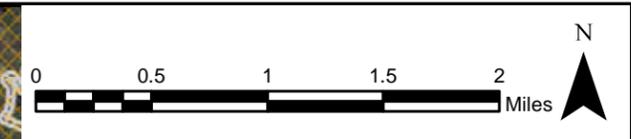
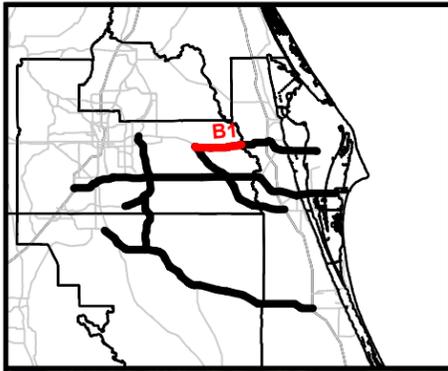
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**Corridor B**  
**Threatened and Endangered Species**  
**(Additional Features)**

**FIGURE**  
**3.6-4**

**SEGMENT B4**

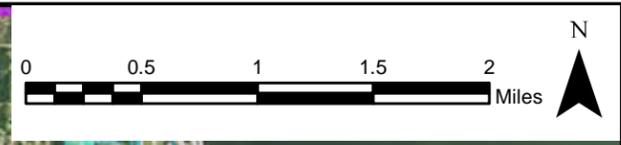
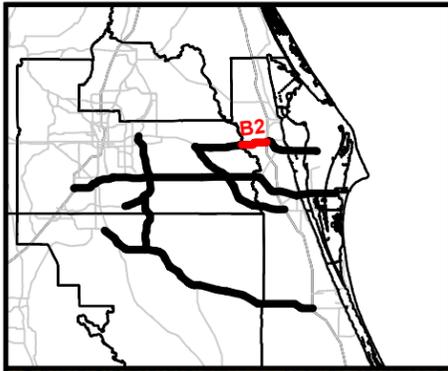


**LEGEND**

- 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)

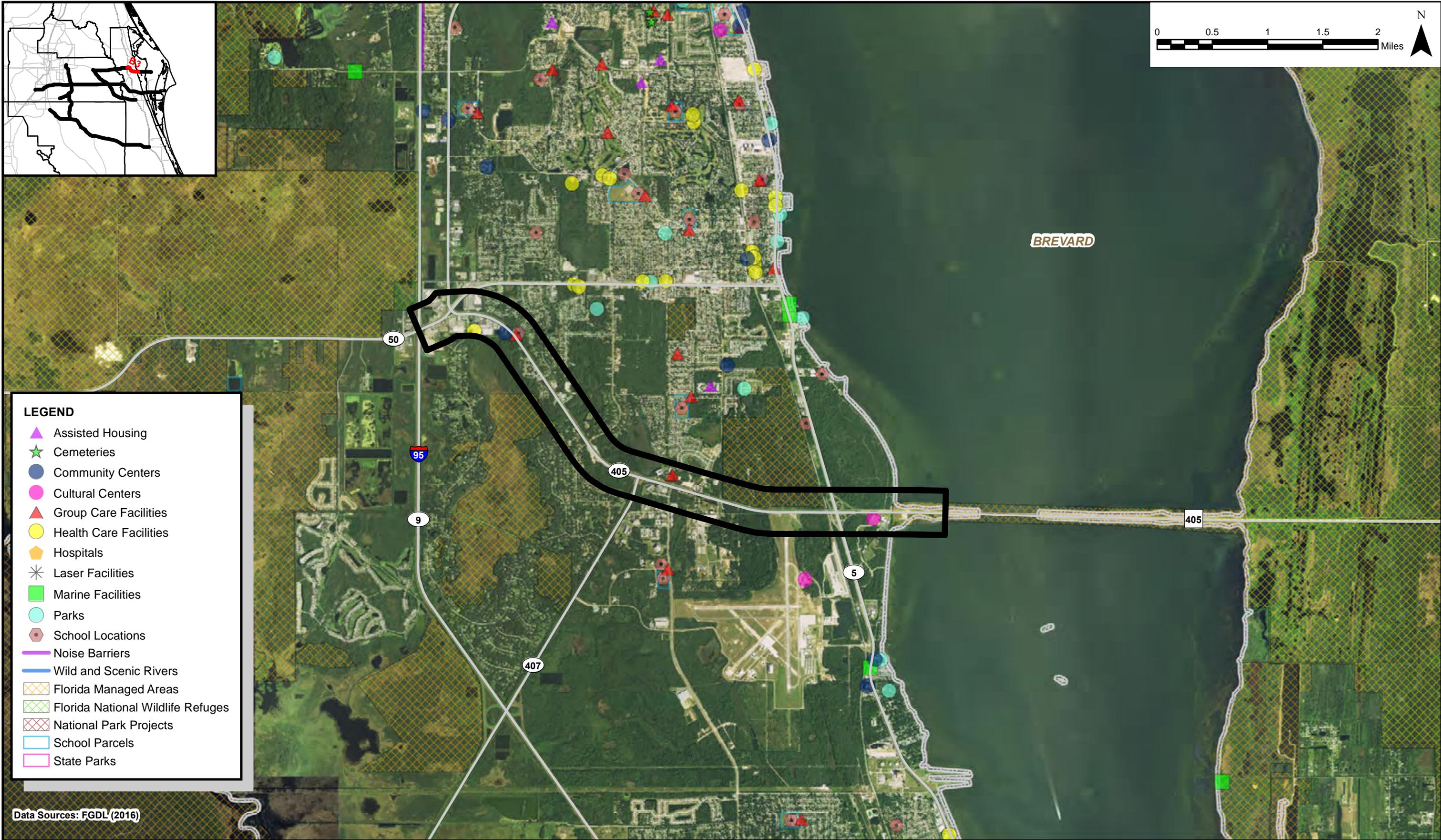
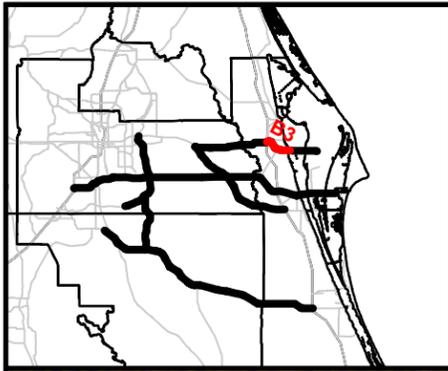




**LEGEND**

- ▲ 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)



**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)



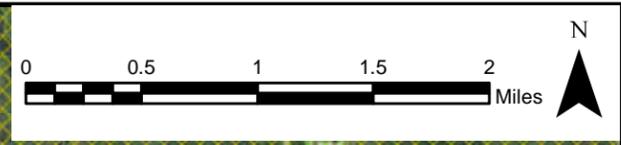
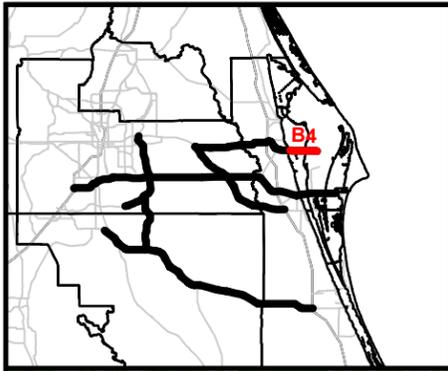
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# Corridor B Noise Evaluation

FIGURE  
3.6-5

SEGMENT B3



- 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)



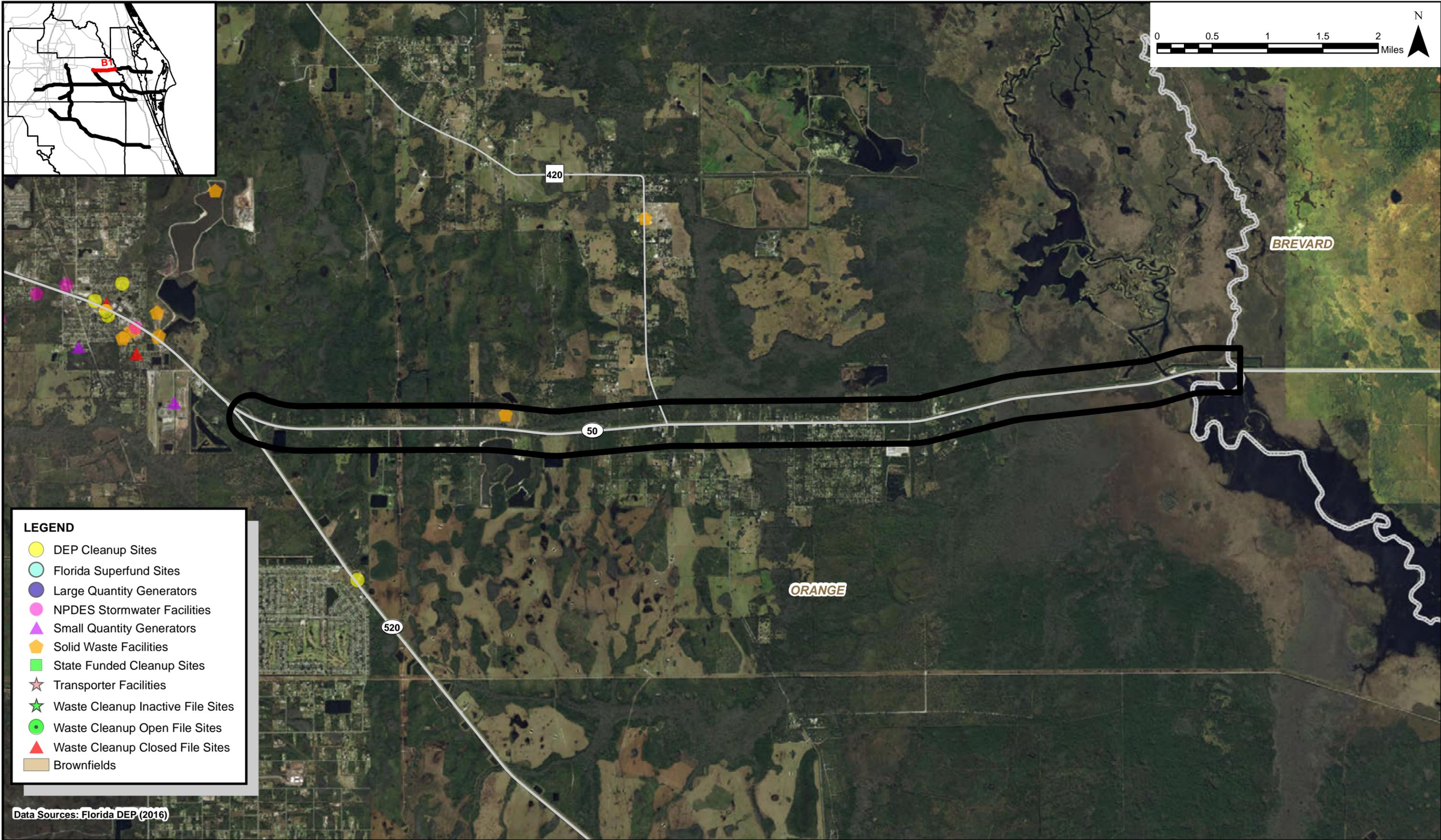
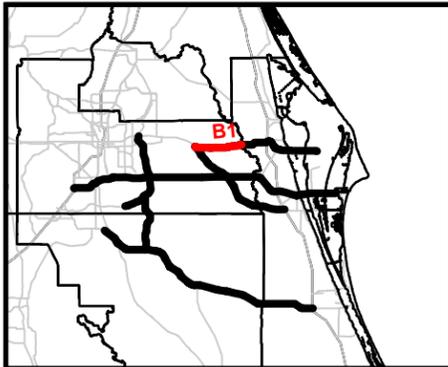
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# Corridor B Noise Evaluation

FIGURE  
3.6-5

SEGMENT B4



**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)



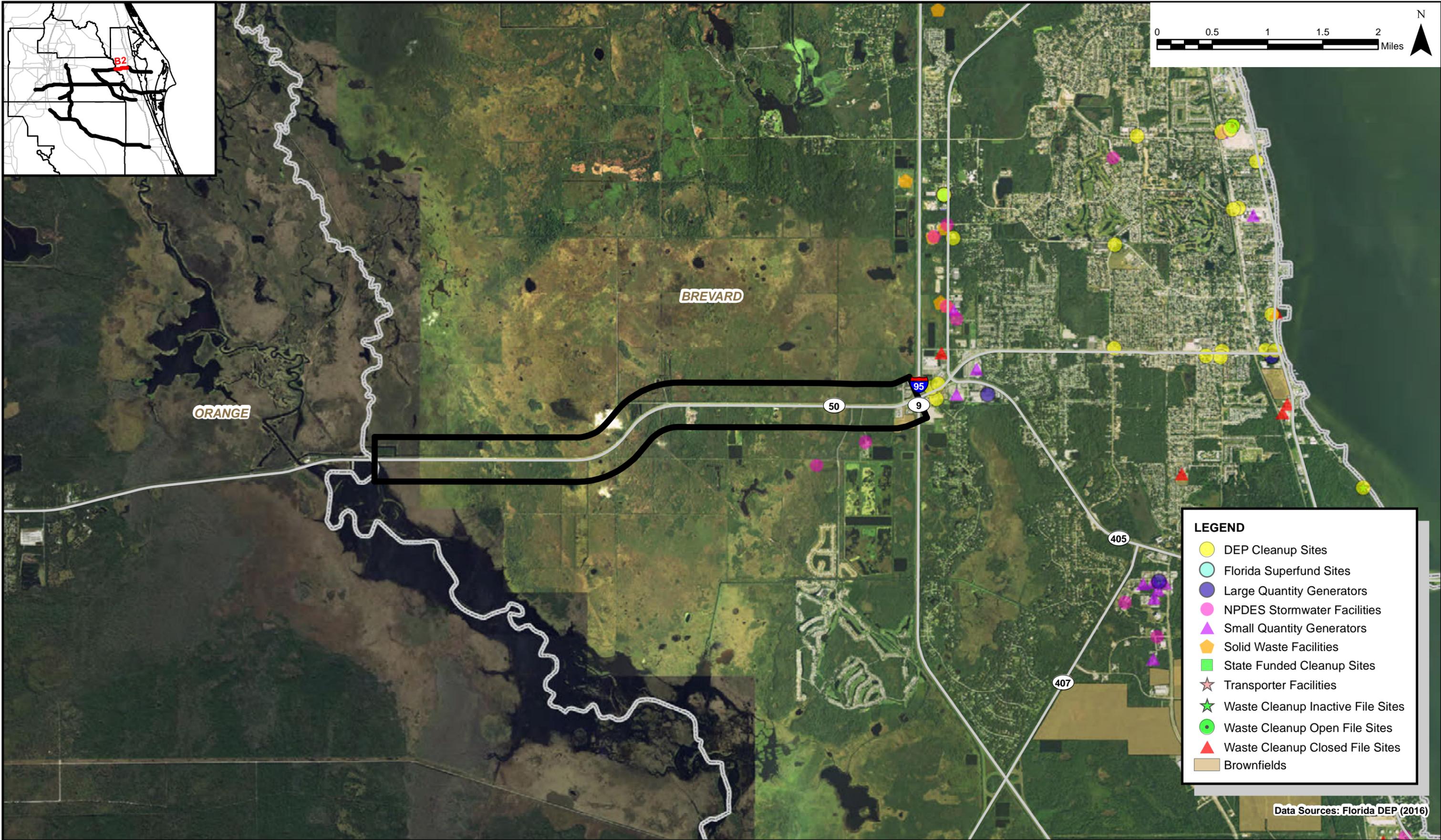
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# Corridor B Potential Sources of Contamination

FIGURE  
3.6-6

SEGMENT B1



Data Sources: Florida DEP (2016)

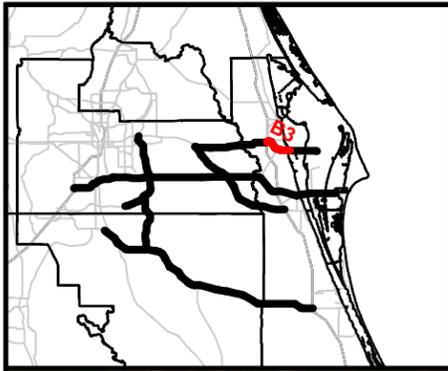


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## Corridor B Potential Sources of Contamination

**FIGURE  
3.6-6**  
SEGMENT B2



- 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)



East Central Florida Corridor Evaluation Study



# Corridor B Potential Sources of Contamination

**FIGURE**  
3.6-6  
SEGMENT B3



**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)



# 4

## Corridor C: SR 520

### 4.1 General Corridor Overview

SR 520 is a multimodal highway serving commuter, tourist, commercial, and goods mobility between Orlando and the Space Coast. This corridor serves as a connector between workforce and employers in targeted industries, as well as provides a major coastal evacuation route. SR 520 is a four-lane facility that connects the cities of Merritt Island and Cocoa Beach to eastern Orange County with SR 528, and I-95. At the federal level, it is designated as part of the National Highway System (NHS).

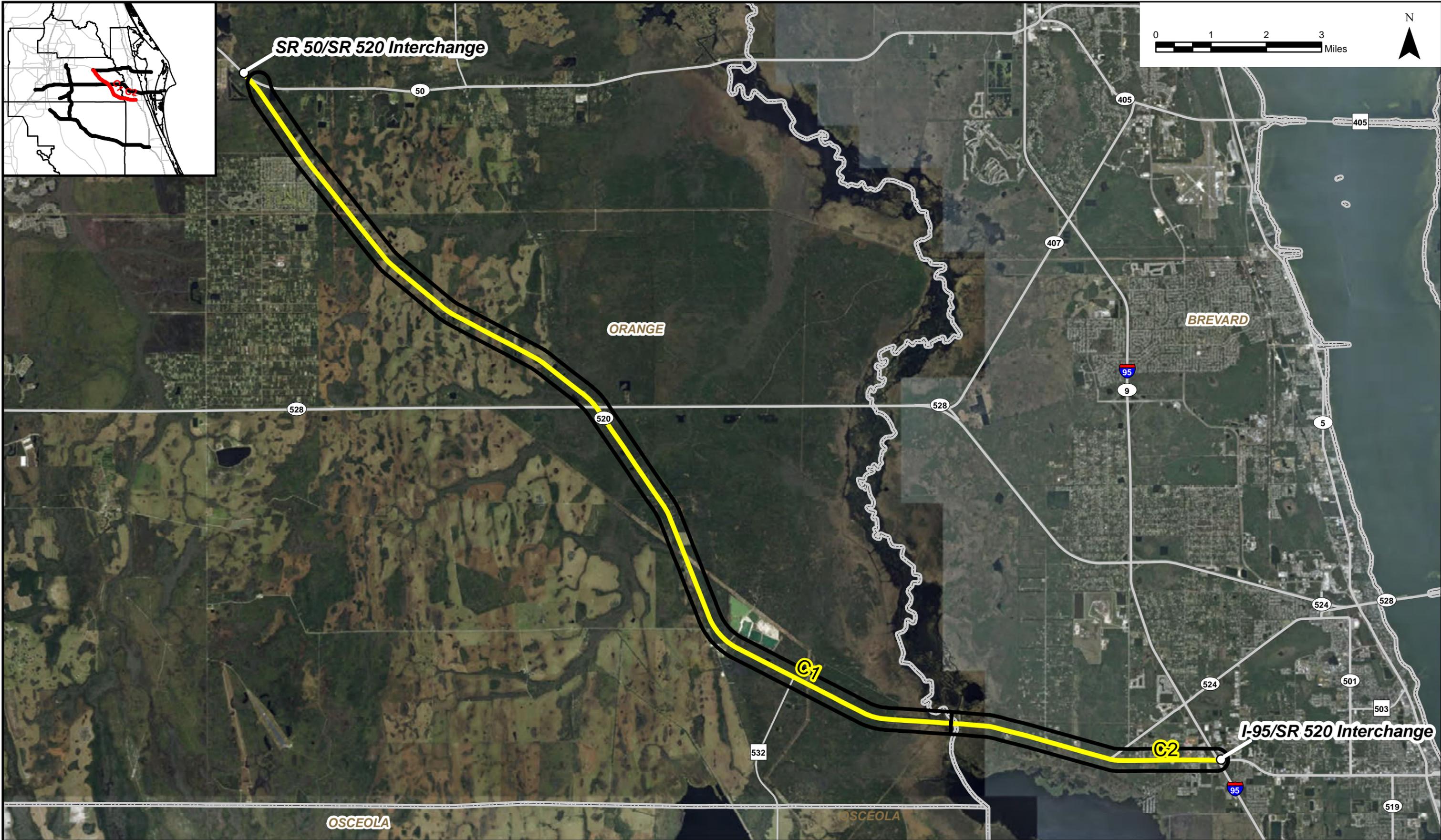
As shown in Figure 4.1-1, Corridor C runs from the SR 50 interchange in Orange County to the I-95 interchange in Brevard County. It is divided into two segments: C1 and C2. Segment C1 forms the westernmost portion of the corridor, in the “rural” area of Orange County from SR 50 interchange to the Orange/Brevard County line. Segment C2 constitutes the easternmost portion of the corridor, in the “rural” area of Brevard County from the Orange/Brevard County line to the I-95 interchange. The lengths of Corridor C segments are listed below in Table 4.1-1.

**Table 4.1-1: Corridor C Segment Lengths**

Segment	Length (miles)
C1	18.3
C2	3.6
<i>Corridor C</i>	<i>21.9</i>

Throughout the Existing Conditions Analysis, the Study Team met with the PAG and stakeholders as part of an extensive 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:

- Corridor serves commuters, tourists, students, freight, privatized aerospace industry, and cruise operations. Future enhancements needed to serve developments in local area such as Viera, Deseret Ranch, Innovation Way, Lake Nona, etc.
- A Walmart distribution center was recently approved by the City of Cocoa to locate just west of SR 524 near I-95. This is anticipated to create approximately 1,000 jobs. In addition, PAG members indicated this will induce approximately 1,000 more trucks per day. These trucks will likely use either SR 520 or SR 528 to move goods inland.
- Corridor supports a significant volume of heavy freight along SR 520 from Brevard County to the Orlando area.
- The improvements and changes to Port Canaveral will be supported by SR 520 and SR 528. In addition, corridor serves as east-west emergency evacuation route for Brevard County.
- UCF is a major destination that generates traffic along SR 520. Traffic between the Orlando campus and satellite campuses in Brevard County. UCF is the 2nd largest university in the country, with population growth trends likely increasing the university’s attendance. Future corridors will need to support this increase.
- Deseret Ranch has set aside land in its North Ranch Sector Plan for use as a college or university.
- Much of the surrounding area is available for development and has been identified as areas of development by The Viera Company and Deseret Ranch.
- PAG members also discussed the potential for inland port sites near the corridor.



## 4.2 Community Characteristics

### 4.2.1 Demographics

The total population for all Census Block Groups in the Corridor C is 50,788. Population density of all but two census block groups for Corridor C was below the Florida average of 346.16 people per square mile. The poverty rates for Corridor C block groups ranged between 4.6% and 44.4%. Each segment includes at least one block group with a poverty rate higher than the statewide average of 11.97%. The percent of population identifying as minority for block groups in Corridor C range from 9.7% to 52.8%. Percent of the population with limited English proficiency (LEP) in block groups for Corridor C range from 0.0% to 4.5%. No census block groups have LEP population percentages above the statewide average. Demographics data can be found in Table 4.2-1 and Figure 4.2-1, Figure 4.2-2, Figure 4.2-3 and Figure 4.2-4.

**Table 4.2-1: Corridor C 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						
C1	12-009-0712001	9,936	133.87	2,414	3,859	42	2.8%	\$ 75,075	6.2%	0.8%	0.6%
	12-095-0166012	4,446	46.21	1,311	1,201	42	16.5%	\$ 59,239	6.8%	2.9%	4.5%
	12-095-0166011	6,465	371.55	2,717	1,780	33	14.8%	\$ 54,220	6.4%	2.2%	2.0%
	12-095-0166022	8,450	269.8	4,252	2,253	35	12.7%	\$ 71,404	7.7%	3.3%	2.3%
	12-095-0167041	16,912	107.17	8,928	4,542	33	4.6%	\$ 77,000	3.3%	0.7%	4.4%
	<b>Total</b>	<b>46,209</b>	<b>137.79</b>	<b>19,622</b>	<b>13,635</b>	<b>36.2</b>	<b>8.9%</b>	<b>\$ 70,930</b>	<b>5.5%</b>	<b>1.6%</b>	<b>2.9%</b>
C2	12-009-0625003	1,815	848.13	1,538	726	32	44.4%	\$ 22,303	41.3%	18.2%	0.0%
	12-009-0625002	1,510	244.73	146	736	59	12.1%	\$ 49,659	12.4%	2.6%	1.3%
	12-009-0625001	1,254	605.8	255	256	30	30.5%	\$ 43,906	13.6%	10.8%	0.0%
	12-009-0712001	9,936	133.87	2,414	3,859	42	5.8%	\$ 75,075	6.2%	0.8%	0.6%
	12-095-0167041	16,912	107.17	8,928	4,542	33	4.6%	\$ 77,000	3.3%	0.7%	4.4%
	<b>Total</b>	<b>31,427</b>	<b>252.48</b>	<b>13,281</b>	<b>10,119</b>	<b>36.9</b>	<b>8.6%</b>	<b>\$ 70,291</b>	<b>6.7%</b>	<b>2.2%</b>	<b>2.6%</b>

### 4.2.2 Land Use

Existing land use along Corridor C is mostly agricultural (61.9%), institutional (19%) and vacant/unclassified (10.7%). As shown in Figure 4.2-5, there is currently little developed land along the entire corridor except for at the northern end of Segment C1 and southern end of Segment C2 (Table 4.2-2).

**Table 4.2-2: Corridor C Land Use**

Segment	Land Use	Acres	Percent
Corridor C	Vacant/Unclassified	228.17	10.9%
	Low Density Residential	48.74	2.3%
	Medium Density Residential	21.06	1.0%
	High Density Residential	0.41	0.0%
	Mixed Use	4.10	0.2%
	Light Commercial	50.58	2.4%
	Heavy Commercial	5.13	0.2%
	Light Industrial	9.71	0.5%
	Heavy Industrial	0	0.0%
	Institutional	397.24	19.0%
	Transportation/Utilities	8.50	0.4%
	Recreation/Conservation	24.97	1.2%
	Agricultural	1,293.59	61.8%
	Water	1.77	0.1%
	<b>Total</b>	<b>2,093.97</b>	<b>100.0%</b>
C1	Vacant/Unclassified	57.88	3.5%
	Low Density Residential	11.05	0.7%
	Medium Density Residential	9.67	0.6%
	High Density Residential	0.41	0.0%
	Light Commercial	30.66	1.9%
	Institutional	353.78	21.6%
	Transportation/Utilities	6.62	0.4%
	Recreation/Conservation	23.60	1.4%
	Agricultural	1,144.66	69.8%
	Water	1.77	0.1%
		<b>Total</b>	<b>1,640.10</b>
C2	Vacant/Unclassified	170.29	37.5%
	Low Density Residential	37.69	8.3%
	Medium Density Residential	11.39	2.5%
	Mixed Use	4.10	0.9%
	Light Commercial	19.92	4.4%
	Heavy Commercial	5.13	1.1%
	Light Industrial	9.71	2.1%
	Institutional	43.46	9.6%
	Transportation/Utilities	1.88	0.4%
	Recreation/Conservation	1.37	0.3%
	Agricultural	148.93	32.8%
	<b>Total</b>	<b>453.87</b>	<b>100.0%</b>

### 4.2.3 Community Features

As shown in Figure 4.3-1, the corridor is notable for going through sections of Florida managed lands, predominantly the Tosohatchee Wildlife Management Area. Three parks are located on either side of the corridor near the boundary separating Segments C1 and C2 (Table 4.2-3). There are 256 residential parcels in the Segment C2 buffer, largely on the north side of the corridor as I-95 is approached from the west.

**Table 4.2-3: Corridor C Community Features**

Segment	Type	Name
C1	Existing Trails	Tosohatchee Wildlife Management Area Trail
	Existing Trails	CR 532 To Tosohatchee Wildlife Management Area Connector
	Existing Trails	CR 532 To Tosohatchee Wildlife Management Area Connector
	Existing Trails	SR 520 Trail
	Existing Trails	CR 532 Trail
	Florida Managed Areas	Pine Lily Preserve
	Florida Managed Areas	Tosohatchee Wildlife Management Area
	Florida Managed Areas	Orange County - Hal Scott Preserve Conservation Easement
	Florida Managed Areas	Hal Scott Regional Preserve And Park
	FFWCC Management Areas	Tosahatchee WMA
FFWCC Management Areas	Tosahatchee WMA	
C2	Florida Managed Areas	Tosohatchee Wildlife Management Area
	Florida Managed Areas	Canaveral Marshes Conservation Area
	FFWCC Management Areas	Tosahatchee WMA
	FFWCC Management Areas	Tosahatchee WMA
	Park Bounds	James G Bourbeau Memorial Park & Boat Ramp
	Park Bounds	Leroy Wright Recreation Area Boat Ramp
	Park Bounds	F. Burton Smith Regional Park
School Parcels	School Board of Brevard County	

Segment C1 buffer in rural Orange County includes a number of recreational areas with few community services or potential noise sensitive receptors.

### 4.2.4 Context Zone Classification

Corridor C is a 21.9 mile, four-lane divided, mostly rural corridor from where it splits from SR 50 in Orange County to I-95 in Brevard County. The only non-rural section is located within the City of Cocoa. Corridor C has been assigned a rural (C2) context from where it splits from SR 50 to Taylor Creek Road (Table 4.2-4). As shown in Figure 4.2-6, the area surrounding the corridor is mostly vacant with pockets of wetlands scattered throughout. The community of Wedgfield is located to the southwest of the corridor and has two connections to the corridor at Macon Parkway and Maxim Parkway (signalized). From Taylor Creek to east of the Brevard County line the area is characterized as

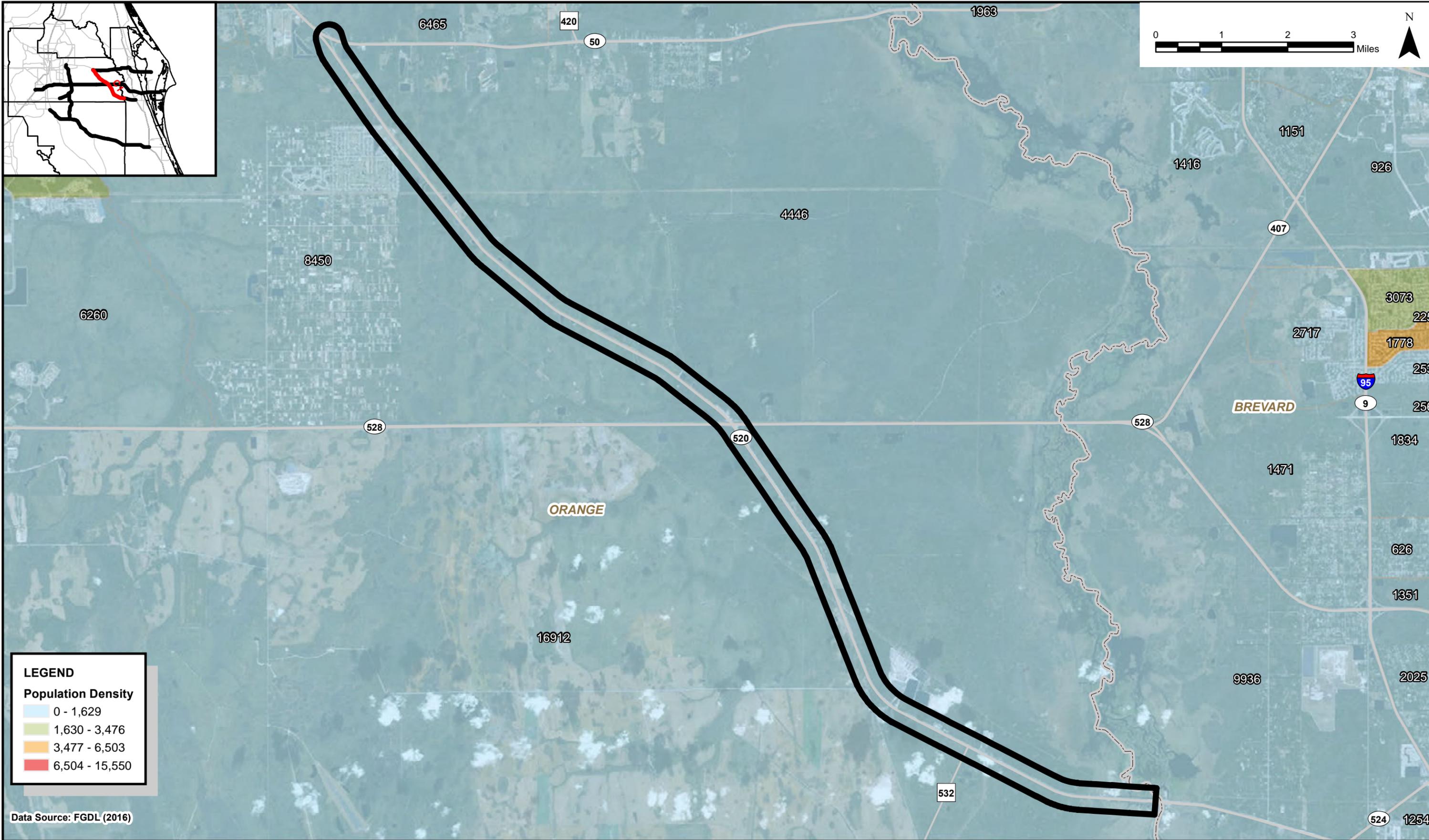
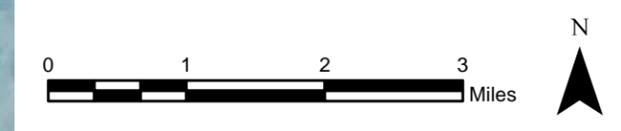
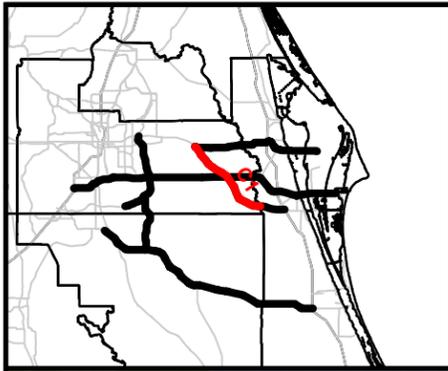
a natural (C1) context zone. Due to the nature of this large area it is unlikely that there will be changes in the future. From Penny Lane to east of SR 524 the context changes back to rural (C2) with a large parcel development pattern prior to reaching the highly developed area within Cocoa, which was assigned an urban residential (C4) context zone.

**Table 4.2-4: Corridor C Context Zones**

Corridor	SR 50				
From	SR 50 (Colonial Drive)				
To	I-95				
Distance	21.9 miles				
Segment	Sub-Segment	From	To	Distance (Miles)	Context Zones
C1	1	SR 50	Taylor Creek Rd.	6.6	C2
	2	Taylor Creek Road	.2 mi N of Hodges Road	3.1	C1
	3	.2 mi N of Hodges Road	1.2 mi E of Brevard County Line	8.6	C1
C2	1	1.2 mi E of Brevard County Line	.3 E of SR 524	2.0	C2
	2	.3 E of SR 524	I-95	1.6	C4

### 4.2.5 Major Developments

Overall there will be some intensification of use along the southern portion of the corridor. There are, however, no major developments along Corridor C presently. There is one DRI as shown in Figure 4.3-1.

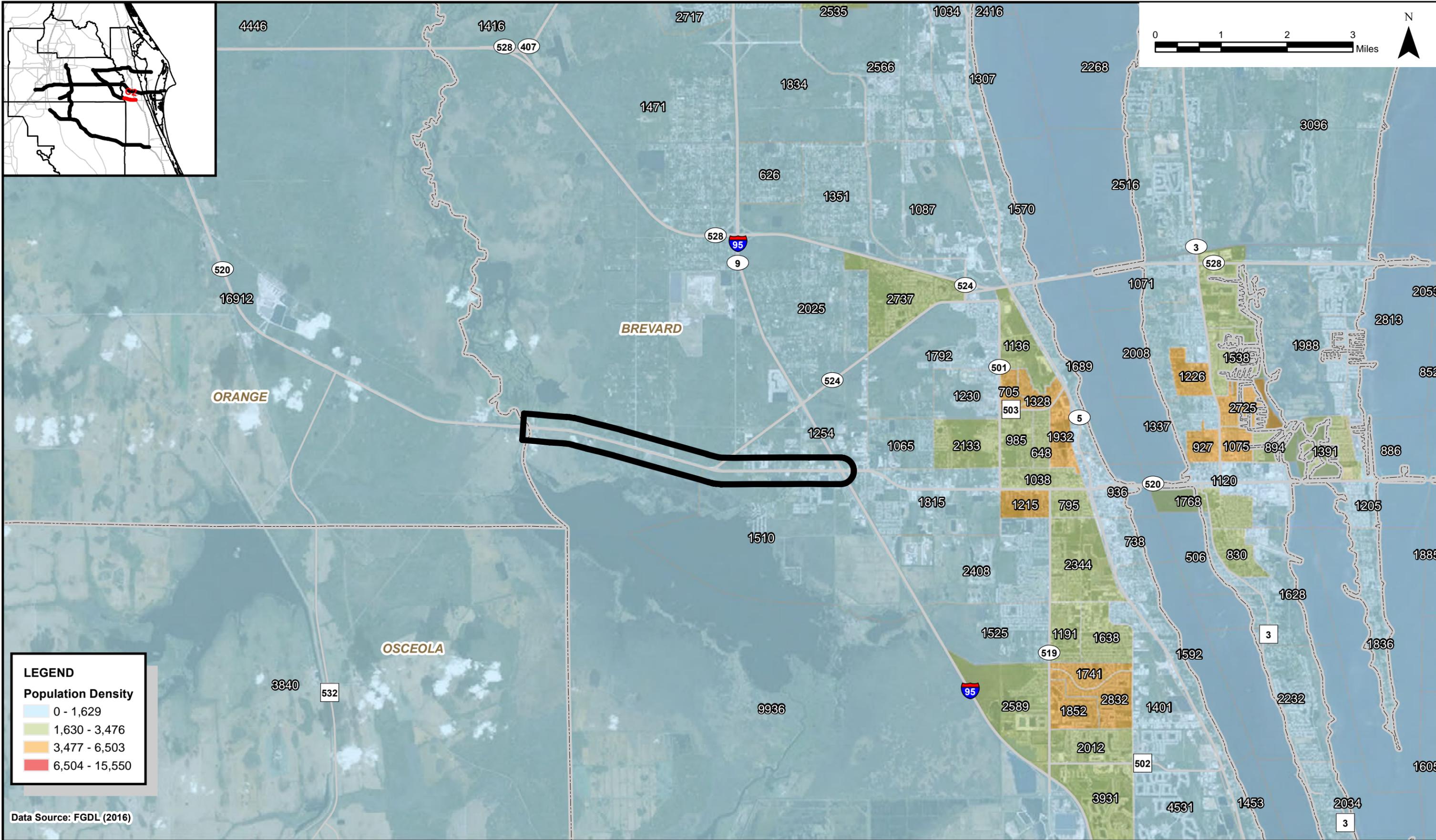
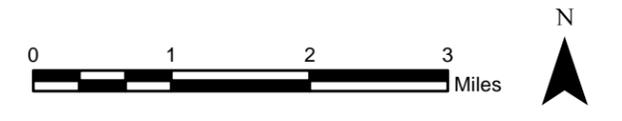
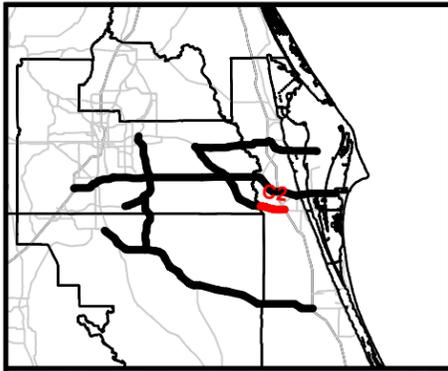


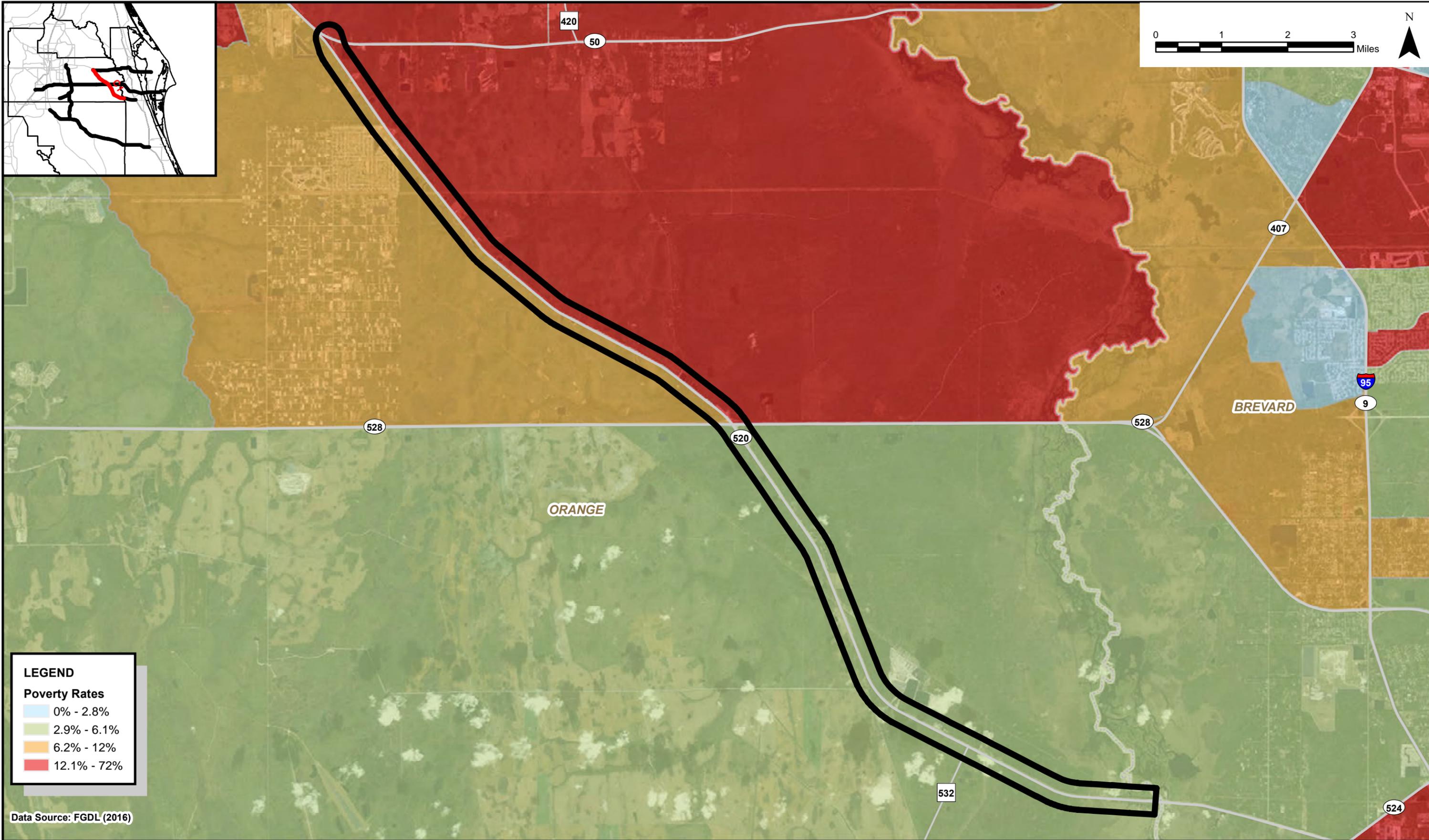
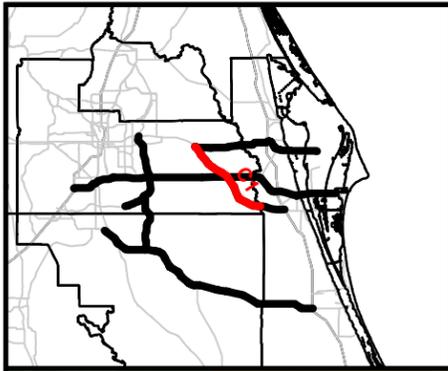
**LEGEND**

**Population Density**

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

Data Source: FGDL (2016)





**LEGEND**

**Poverty Rates**

- 0% - 2.8%
- 2.9% - 6.1%
- 6.2% - 12%
- 12.1% - 72%

Data Source: FGDL (2016)

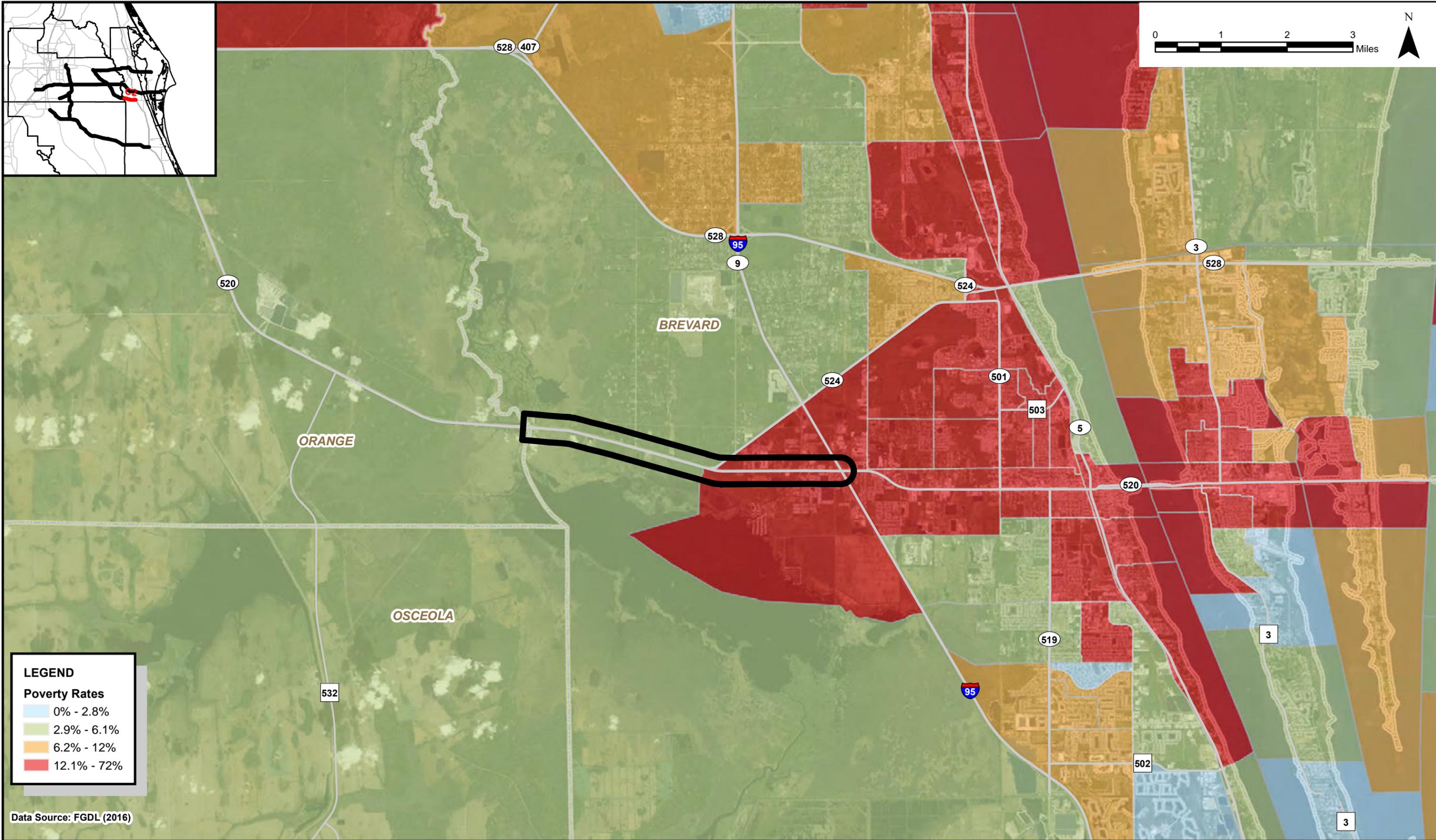
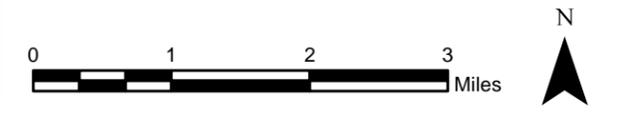
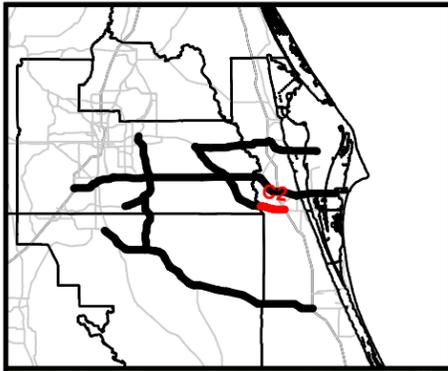


East Central Florida Corridor Evaluation Study



# Corridor C Household Poverty Rates

**FIGURE**  
**4.2-2**  
SGMENT C1



**LEGEND**

**Poverty Rates**

0% - 2.8%
2.9% - 6.1%
6.2% - 12%
12.1% - 72%

Data Source: FGDL (2016)

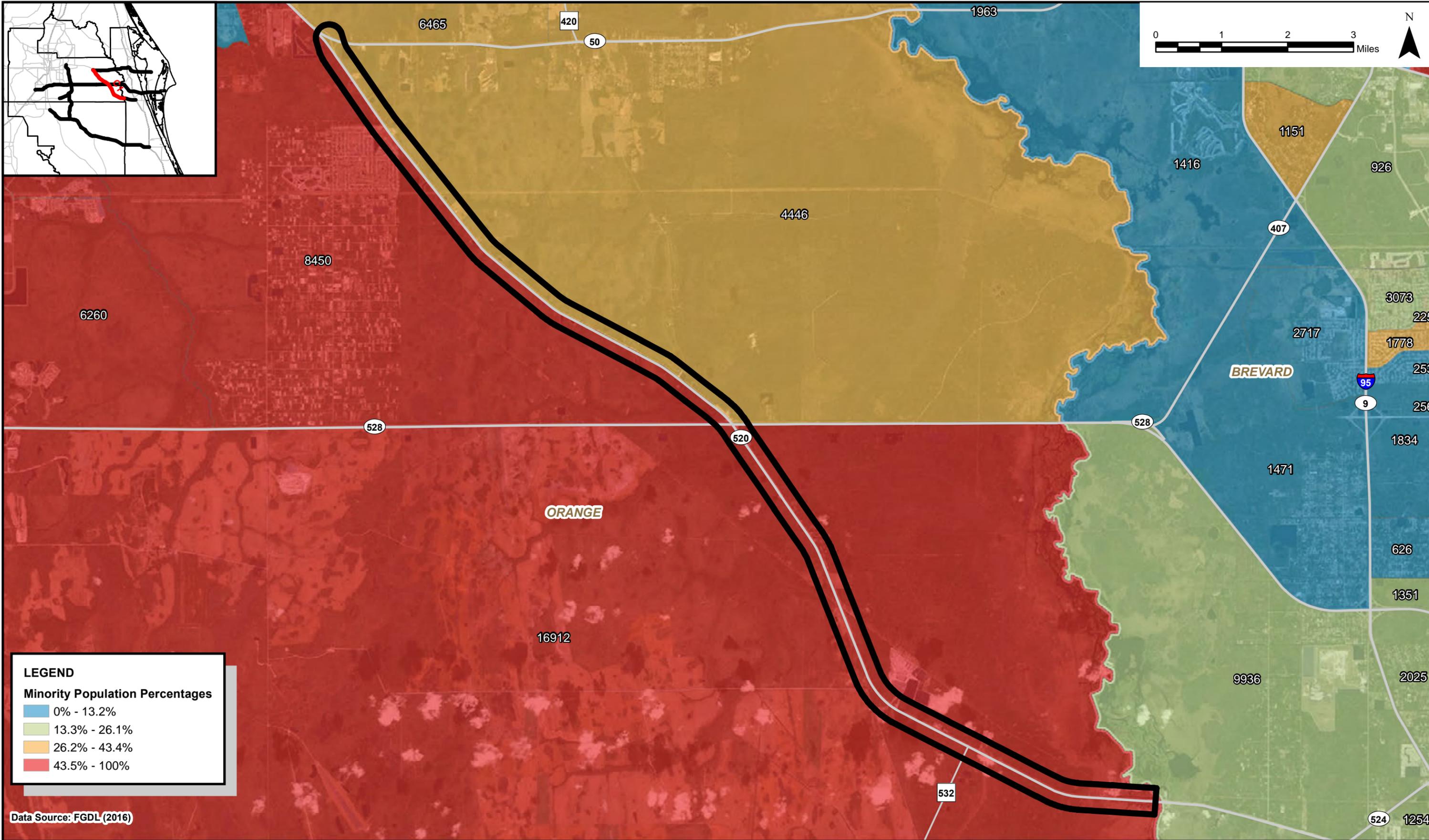
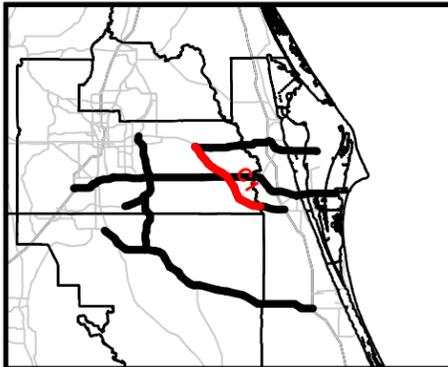


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# Corridor C Household Poverty Rates

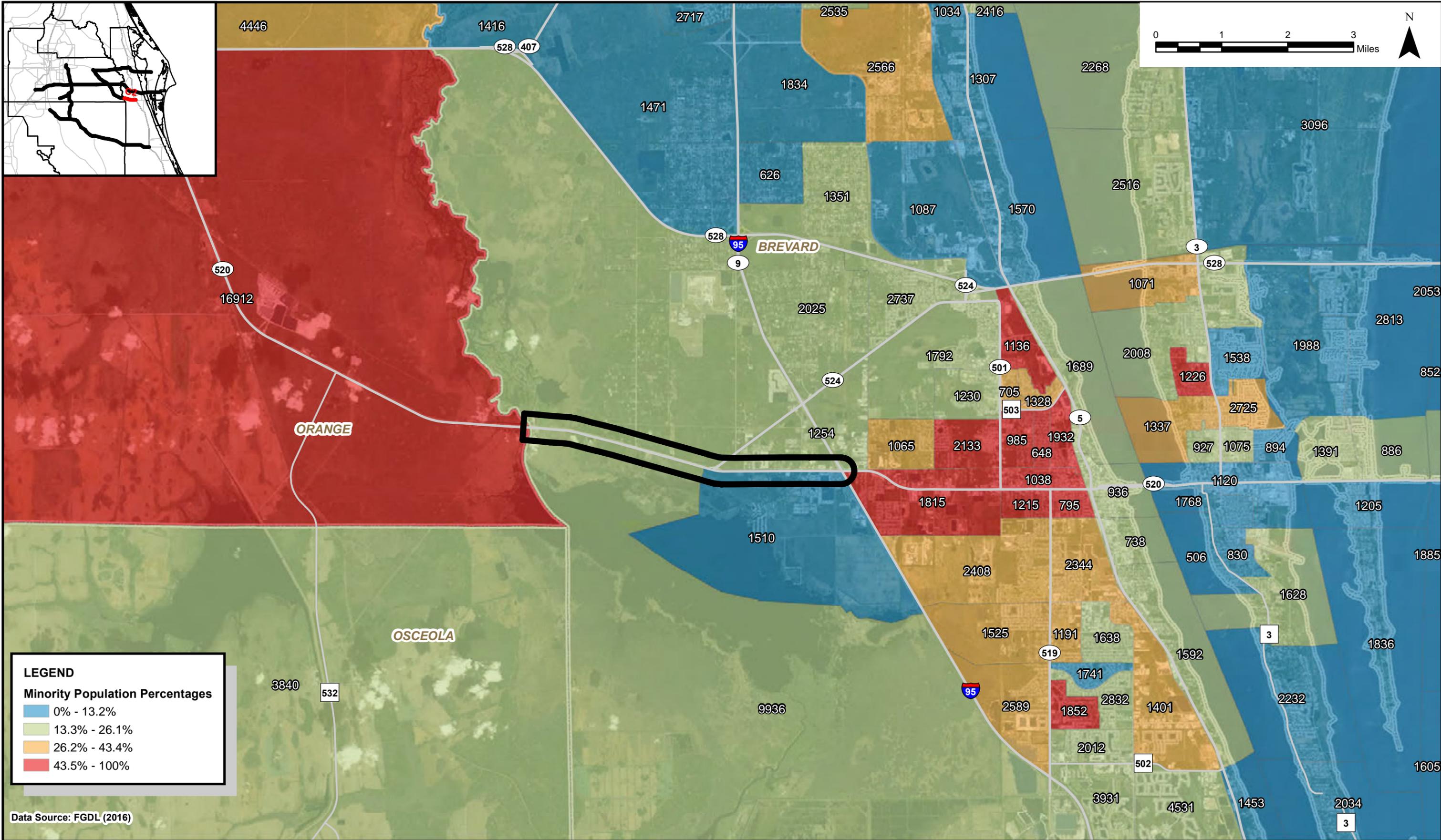
**FIGURE**  
**4.2-2**  
**SEGMENT C2**



**LEGEND**  
**Minority Population Percentages**

- 0% - 13.2%
- 13.3% - 26.1%
- 26.2% - 43.4%
- 43.5% - 100%

Data Source: FGDL (2016)



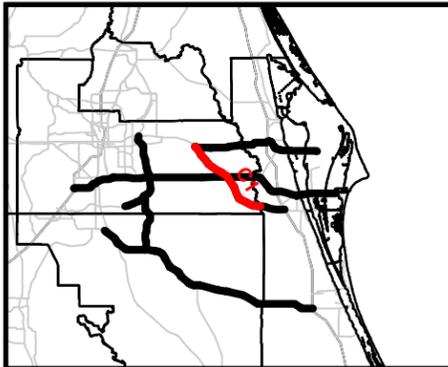
**LEGEND**  
**Minority Population Percentages**

- 0% - 13.2%
- 13.3% - 26.1%
- 26.2% - 43.4%
- 43.5% - 100%

Data Source: FGDL (2016)



**Corridor C**  
**Minority Population**



**LEGEND**  
**Limited English Proficiency**

0% - 2.3%
2.4% - 5.1%
5.2% - 6.4%
6.5% - 40%

Data Source: FGDL (2016)

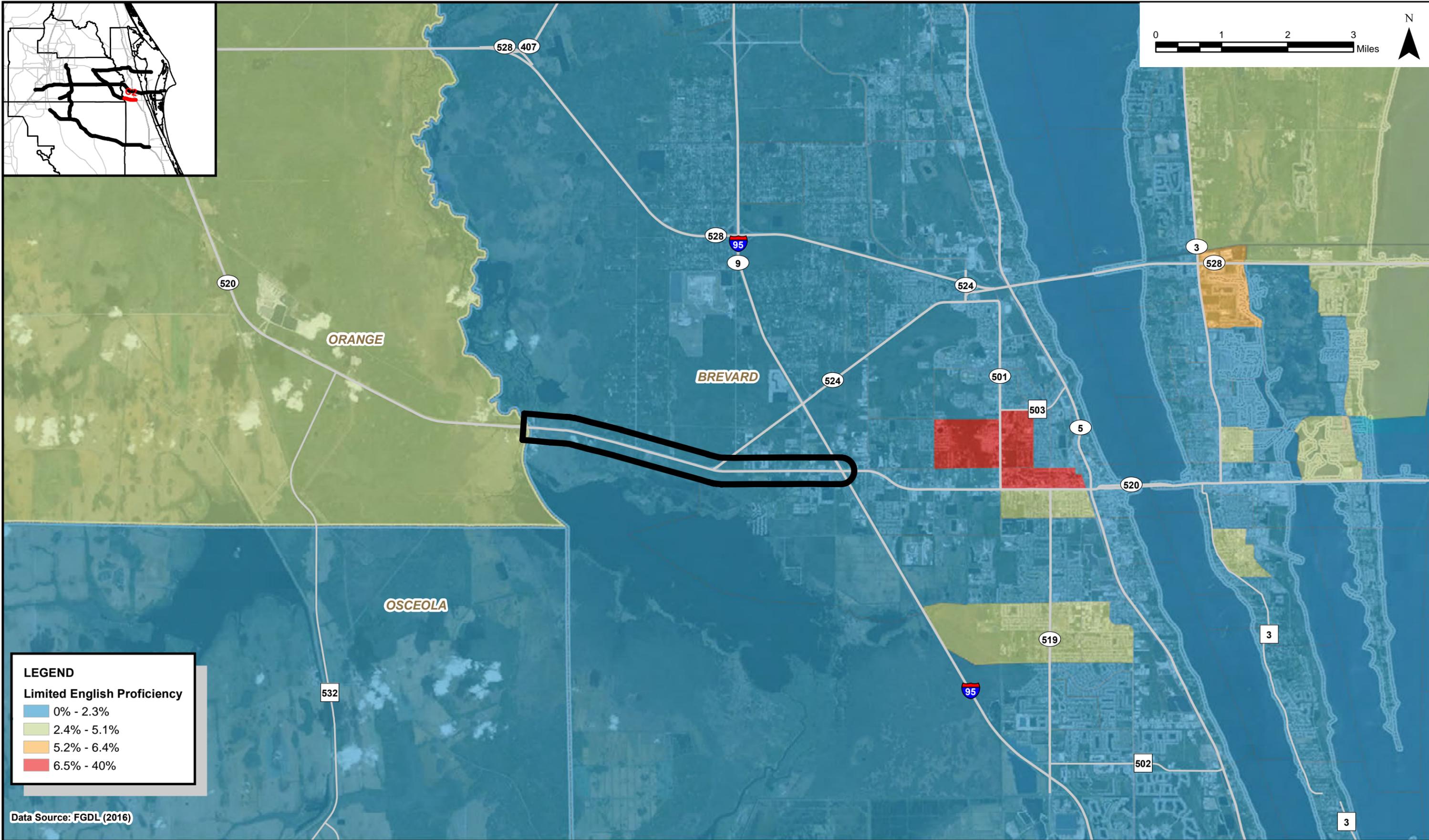
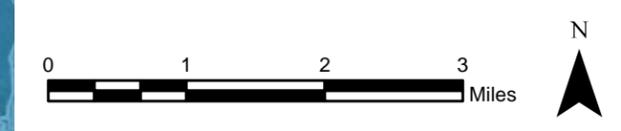
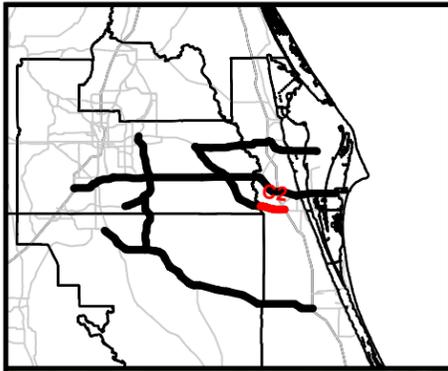


East Central Florida Corridor Evaluation Study



# Corridor C Limited English Proficiency

**FIGURE**  
**4.2-4**  
**SEGMENT C1**



**LEGEND**  
**Limited English Proficiency**

- 0% - 2.3%
- 2.4% - 5.1%
- 5.2% - 6.4%
- 6.5% - 40%

Data Source: FGD (2016)



East Central Florida Corridor Evaluation Study



# Corridor C Limited English Proficiency

**FIGURE**  
**4.2-4**  
**SEGMENT C2**