

**LEGEND**

BBW Right-of-Way

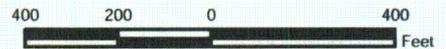
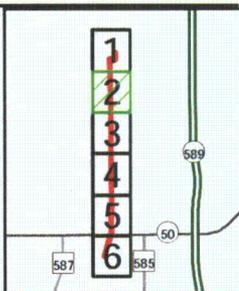
**GOLDER OBSERVED SPECIES**

- Gopher Tortoise
- Southeastern American Kestrel

**REFERENCE**

Substations and Right-of-Way: Progress Energy Florida & Golder Associates Inc., 2009; Roads: Florida Department of Transportation, 2010; Listed Species Data: FNAI, 2006; Golder Observed Species, 2009; Wood Stork Colony Data: U.S. Fish & Wildlife Service, 2009; Aerials: Progress Energy, 2009

**MAP INDEX**



**NOTE:** Entire Brookridge - Brooksville West Right-of-Way lies within Wood Stork Core Foraging Areas.

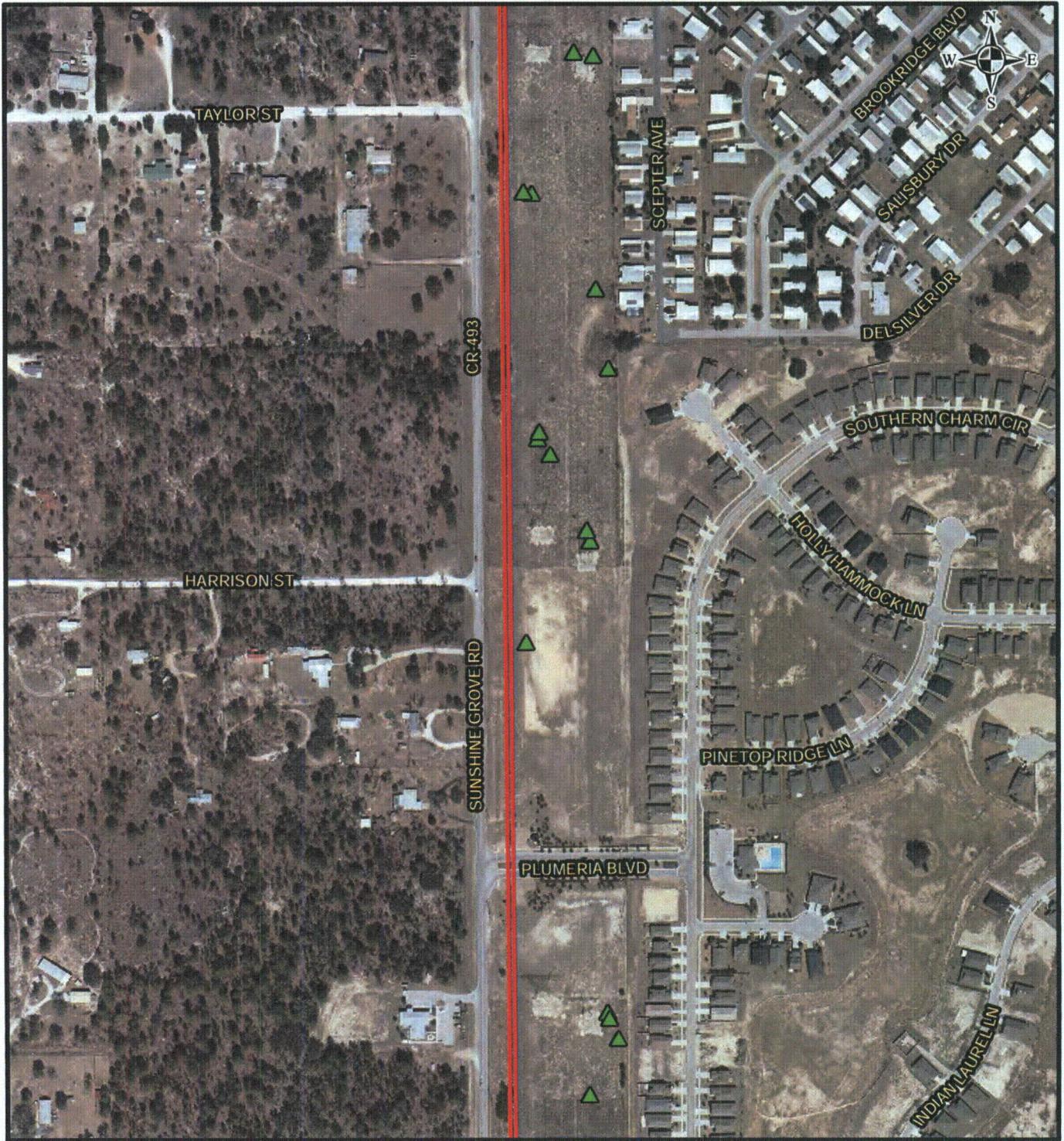
**PROGRESS ENERGY FLORIDA  
LEVY NUCLEAR PLANT**

**BROOKRIDGE - BROOKSVILLE WEST  
LISTED SPECIES MAP**



MXD File No. 093-89547J006		SCALE AS SHOWN	REV. 0
DESIGN	DLH	24 Sept 2009	
GIS	DLH	07 Apr 2010	
CHECK	SAR	07 Apr 2010	
REVIEW	KB	07 Apr 2010	

**FIGURE 6  
PAGE 2 OF 6**



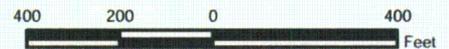
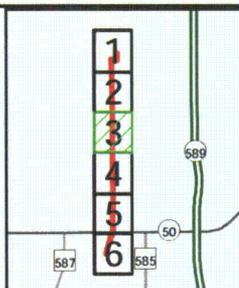
**LEGEND**

BBW Right-of-Way

**GOLDER OBSERVED SPECIES**

- Gopher Tortoise
- Southeastern American Kestrel

**MAP INDEX**



**NOTE:** Entire Brookridge - Brooksville West Right-of-Way lies within Wood Stork Core Foraging Areas.

**PROGRESS ENERGY FLORIDA  
LEVY NUCLEAR PLANT**

**BROOKRIDGE - BROOKSVILLE WEST  
LISTED SPECIES MAP**

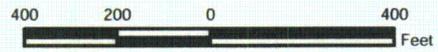
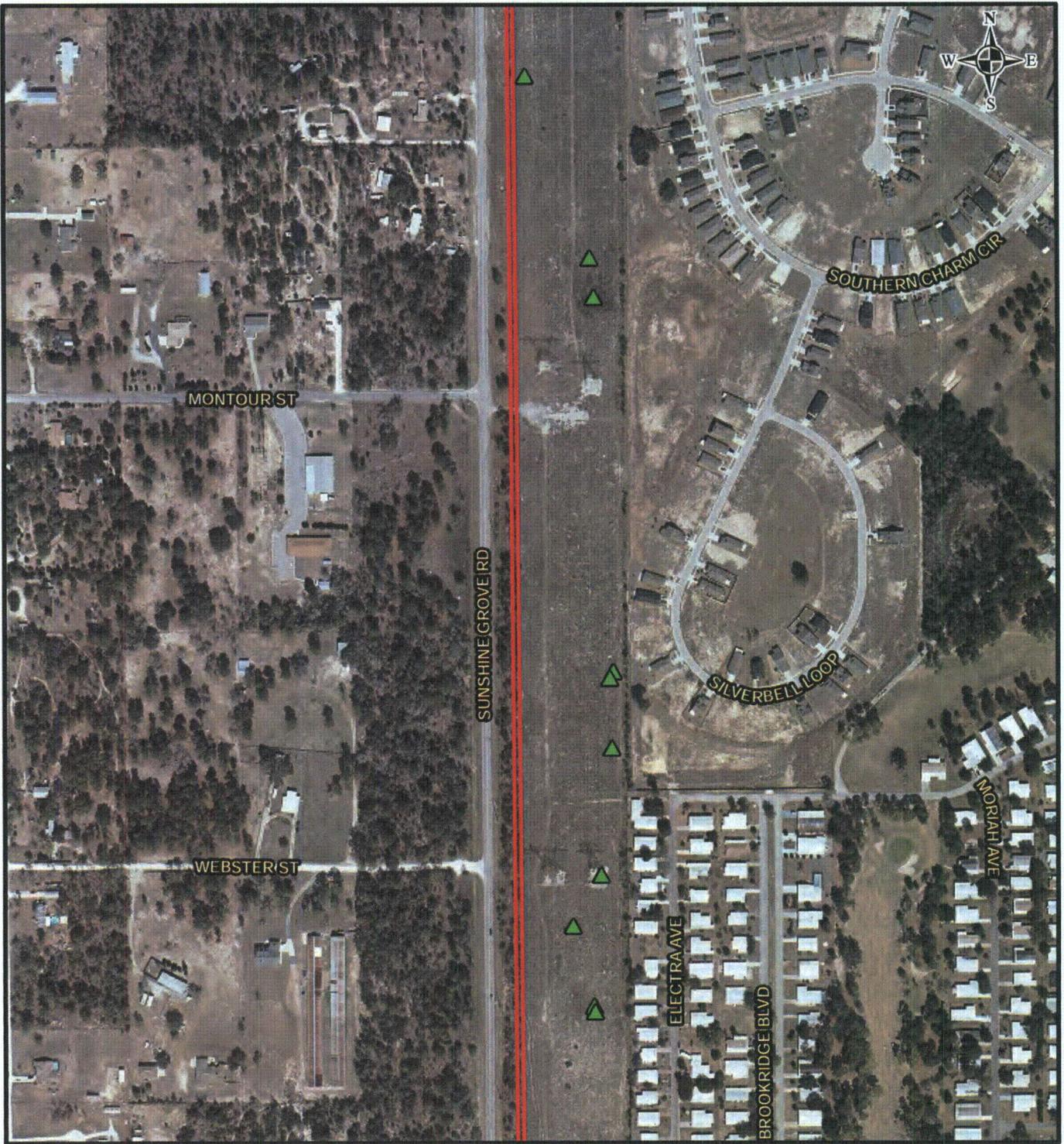
**REFERENCE**

Substations and Right-of-Way: Progress Energy Florida & Golder Associates Inc., 2009; Roads: Florida Department of Transportation, 2010; Listed Species Data: FNAI, 2006; Golder Observed Species, 2009; Wood Stork Colony Data: U.S. Fish & Wildlife Service, 2009; Aerials: Progress Energy, 2009



MXD File No. 093-89547J006		SCALE AS SHOWN	REV. 0
DESIGN	DLH	24 Sept 2009	
GIS	DLH	07 Apr 2010	
CHECK	SAR	07 Apr 2010	
REVIEW	KB	07 Apr 2010	

**FIGURE 6  
PAGE 3 OF 6**



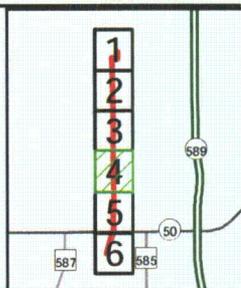
**LEGEND**

BBW Right-of-Way

**GOLDER OBSERVED SPECIES**

- Gopher Tortoise
- Southeastern American Kestrel

**MAP INDEX**



**REFERENCE**

Substations and Right-of-Way: Progress Energy Florida & Golder Associates Inc., 2009; Roads: Florida Department of Transportation, 2010; Listed Species Data: FNAI, 2006; Golder Observed Species, 2009; Wood Stork Colony Data: U.S. Fish & Wildlife Service, 2009; Aerials: Progress Energy, 2009

**NOTE:** Entire Brookridge - Brooksville West Right-of-Way lies within Wood Stork Core Foraging Areas.

**PROGRESS ENERGY FLORIDA  
LEVY NUCLEAR PLANT**

**BROOKRIDGE - BROOKSVILLE WEST  
LISTED SPECIES MAP**



MXD File No. 093-89547J006	SCALE AS SHOWN	REV. 0
DESIGN DLH 24 Sept 2009	<b>FIGURE 6 PAGE 4 OF 6</b>	
GIS DLH 07 Apr 2010		
CHECK SAR 07 Apr 2010		
REVIEW KB 07 Apr 2010		



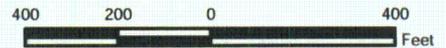
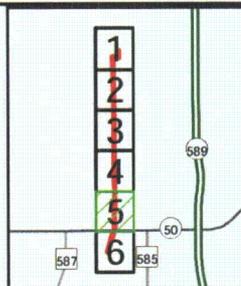
**LEGEND**

BBW Right-of-Way

**GOLDER OBSERVED SPECIES**

- Gopher Tortoise
- Southeastern American Kestrel

**MAP INDEX**



**NOTE:** Entire Brookridge - Brooksville West Right-of-Way lies within Wood Stork Core Foraging Areas.

**PROGRESS ENERGY FLORIDA  
LEVY NUCLEAR PLANT**

**BROOKRIDGE - BROOKSVILLE WEST  
LISTED SPECIES MAP**

**REFERENCE**

Substations and Right-of-Way: Progress Energy Florida & Golder Associates Inc., 2009; Roads: Florida Department of Transportation, 2010; Listed Species Data: FNAI, 2006; Golder Observed Species, 2009; Wood Stork Colony Data: U.S. Fish & Wildlife Service, 2009; Aerials: Progress Energy, 2009



MXD File No. 063-89547J006	SCALE AS SHOWN	REV. 0
DESIGN DLH 24 Sept 2009	<b>FIGURE 6 PAGE 5 OF 6</b>	
GIS DLH 07 Apr 2010		
CHECK SAR 07 Apr 2010		
REVIEW KB 07 Apr 2010		



**LEGEND**

BBW Right-of-Way

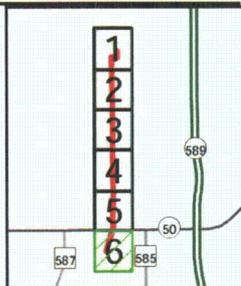
**GOLDER OBSERVED SPECIES**

- Gopher Tortoise
- Southeastern American Kestrel

**REFERENCE**

Substations and Right-of-Way: Progress Energy Florida & Golder Associates Inc., 2009; Roads: Florida Department of Transportation, 2010; Listed Species Data: FNAI, 2006; Golder Observed Species, 2009; Wood Stork Colony Data: U.S. Fish & Wildlife Service, 2009; Aerials: Progress Energy, 2009

**MAP INDEX**



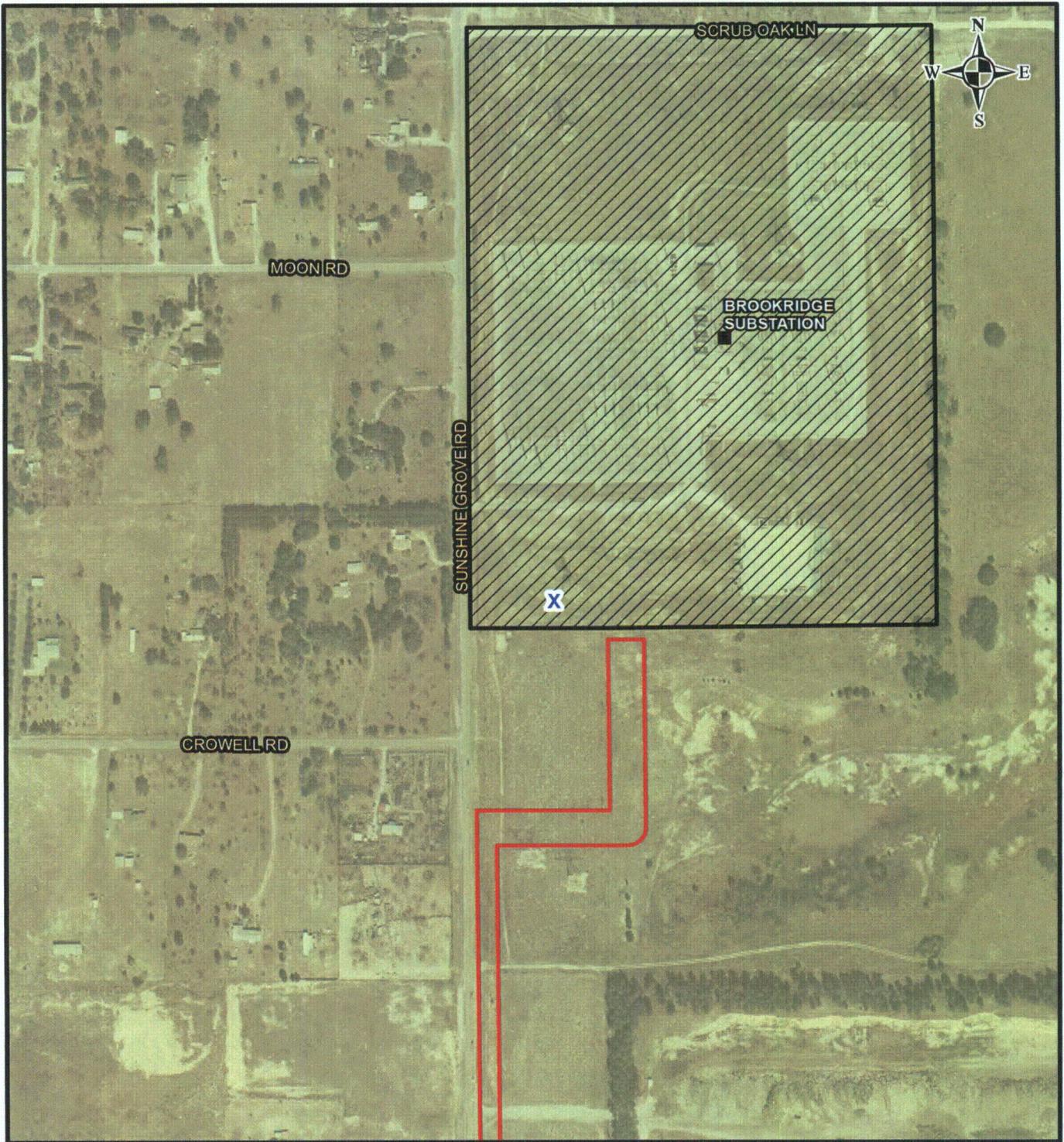
**NOTE:** Entire Brookridge - Brooksville West Right-of-Way lies within Wood Stork Core Foraging Areas.

**PROGRESS ENERGY FLORIDA  
LEVY NUCLEAR PLANT**

**BROOKRIDGE - BROOKSVILLE WEST  
LISTED SPECIES MAP**



MXD File No.	093-89547J006	SCALE AS SHOWN	REV. 0
DESIGN	DLH	24 Sept 2009	<b>FIGURE 6 PAGE 6 OF 6</b>
GIS	DLH	07 Apr 2010	
CHECK	SAR	07 Apr 2010	
REVIEW	KB	07 Apr 2010	



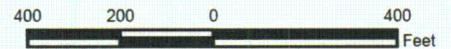
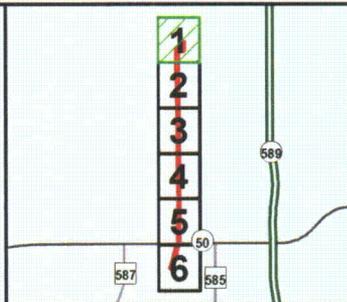
**LEGEND**

BBW Right-of-Way

**FLOOD ZONE DESCRIPTIONS**

X Area NOT in the 100 year floodplain

**MAP INDEX**



**REFERENCE**

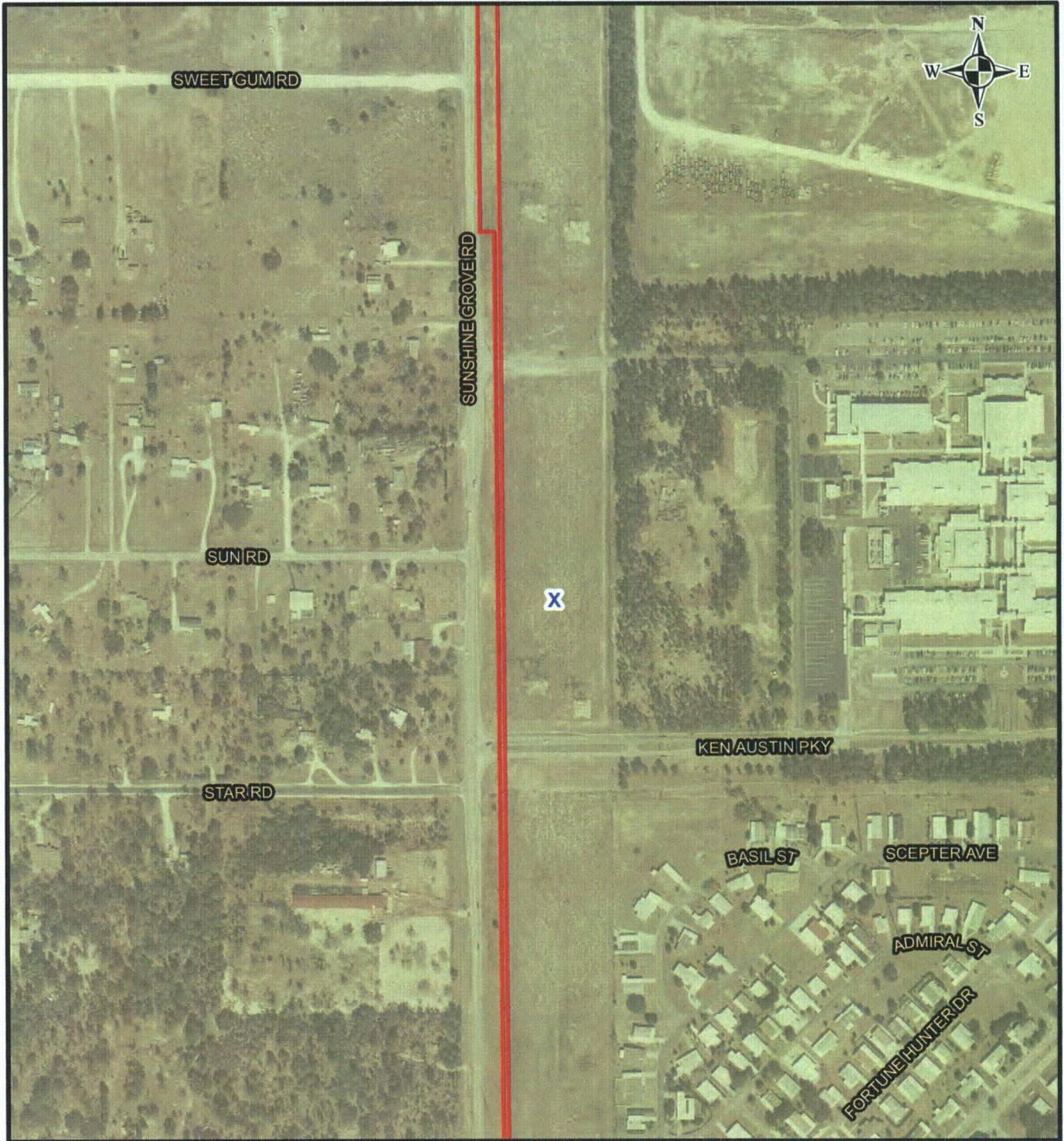
Substations and Right-of-Way; Progress Energy Florida & Golder Associates Inc., 2009; Roads: Florida Department of Transportation, 2010; Aerials: Progress Energy, 2009; Flood Zones: FEMA, 1996

PROGRESS ENERGY FLORIDA  
LEVY NUCLEAR PLANT

**BROOKRIDGE - BROOKSVILLE WEST  
FEMA 100 YEAR FLOODPLAIN MAP**



MXD File No. 093-89547.0007	SCALE AS SHOWN	REV. 0
DESIGN DLH 16 Nov 2009	<b>FIGURE 7 PAGE 1 OF 6</b>	
GIS DLH 07 Apr 2010		
CHECK SAR 07 Apr 2010		
REVIEW KB 07 Apr 2010		



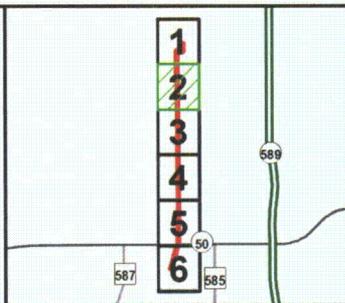
**LEGEND**

 BBW Right-of-Way

**FLOOD ZONE DESCRIPTIONS**

 X Area NOT in the 100 year floodplain

**MAP INDEX**



**REFERENCE**

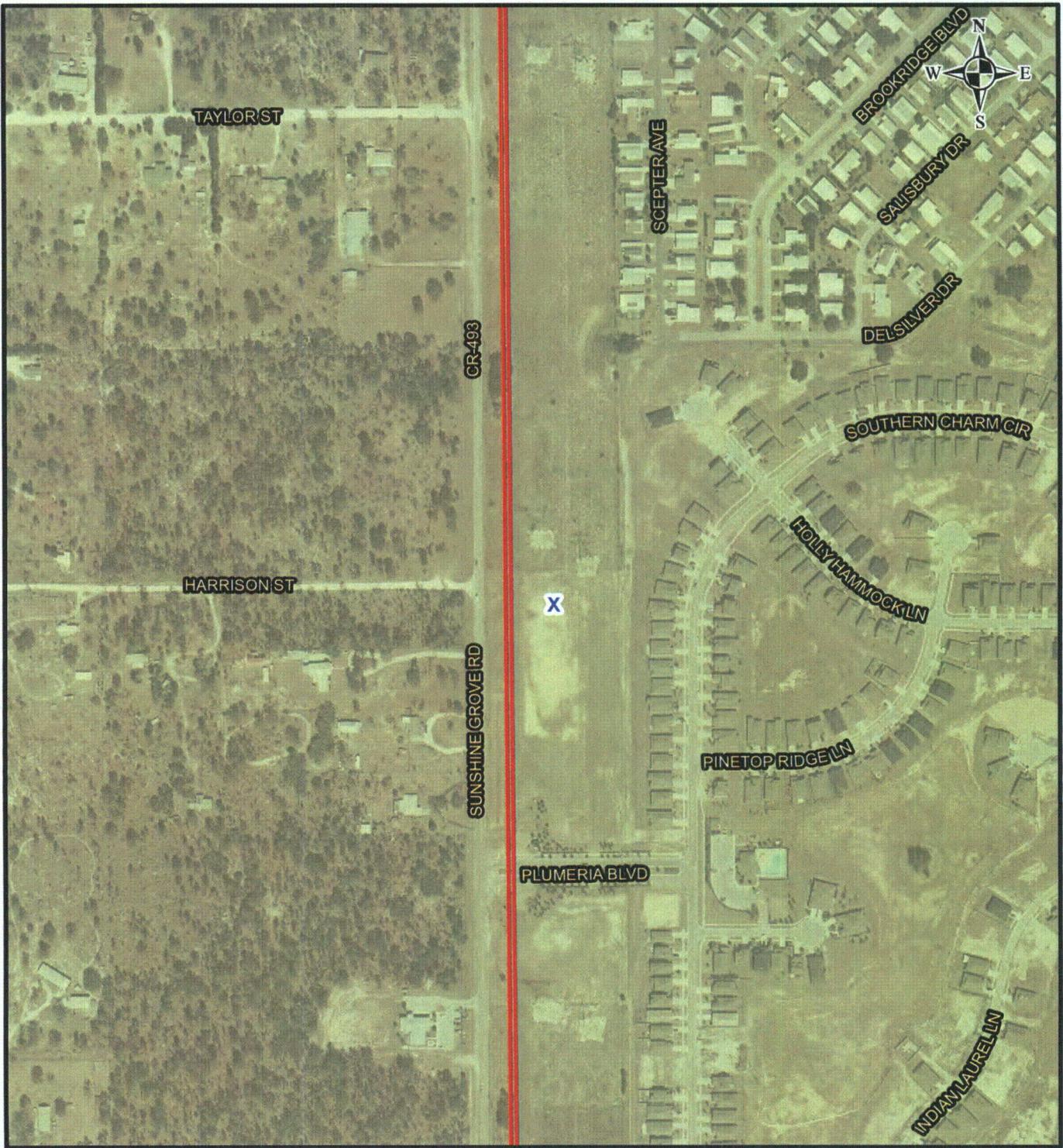
Substations and Right-of-Way; Progress Energy Florida & Golder Associates Inc., 2009; Roads: Florida Department of Transportation, 2010; Aerials: Progress Energy, 2009; Flood Zones: FEMA, 1996

PROGRESS ENERGY FLORIDA  
LEVY NUCLEAR PLANT

**BROOKRIDGE - BROOKSVILLE WEST  
FEMA 100 YEAR FLOODPLAIN MAP**



MXD File No: 093-89547J007	SCALE AS SHOWN	REV 0
DESIGN DLH 16 Nov 2009	<b>FIGURE 7 PAGE 2 OF 6</b>	
GIS DLH 07 Apr 2010		
CHECK SAR 07 Apr 2010		
REVIEW KB 07 Apr 2010		



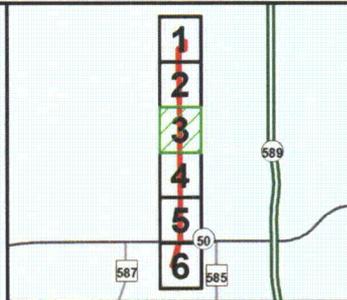
**LEGEND**

BBW Right-of-Way

**FLOOD ZONE DESCRIPTIONS**

X Area NOT in the 100 year floodplain

**MAP INDEX**



**REFERENCE**

Substations and Right-of-Way: Progress Energy Florida & Golder Associates Inc., 2009; Roads: Florida Department of Transportation, 2010; Aerials: Progress Energy, 2009; Flood Zones: FEMA, 1996

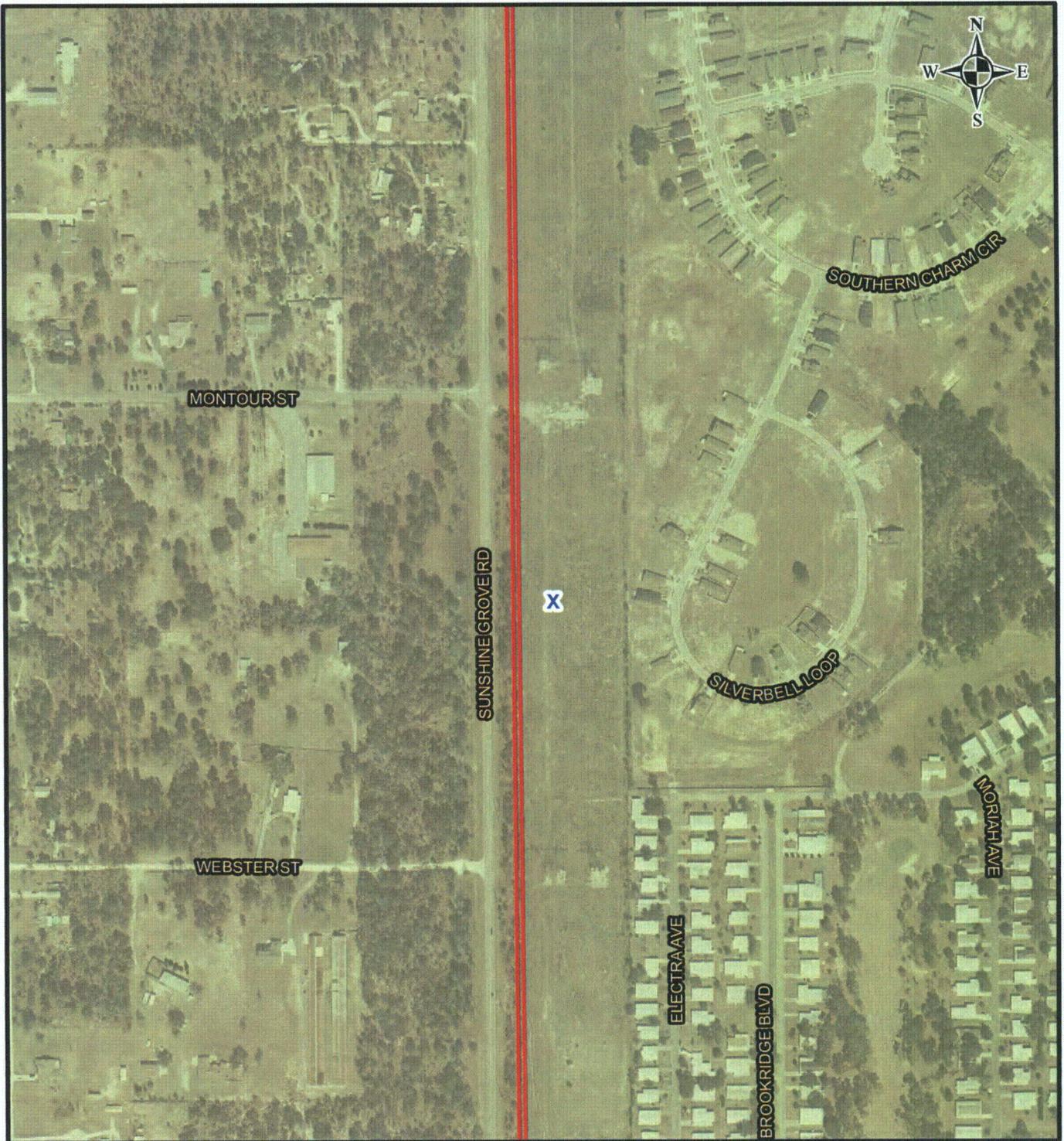
PROGRESS ENERGY FLORIDA  
LEVY NUCLEAR PLANT

**BROOKRIDGE - BROOKSVILLE WEST  
FEMA 100 YEAR FLOODPLAIN MAP**



MXD File No.	093-89547.0007	SCALE AS SHOWN	REV 0
DESIGN	DLH 16 Nov 2009		
GIS	DLH 07 Apr 2010		
CHECK	SAR 07 Apr 2010		
REVIEW	KB 07 Apr 2010		

**FIGURE 7  
PAGE 3 OF 6**



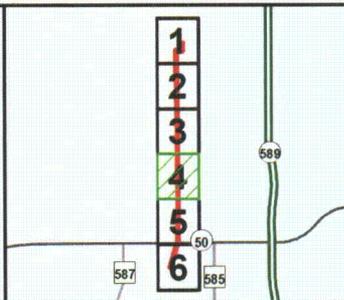
**LEGEND**

BBW Right-of-Way

**FLOOD ZONE DESCRIPTIONS**

X Area NOT in the 100 year floodplain

**MAP INDEX**



**REFERENCE**

Substations and Right-of-Way: Progress Energy Florida & Golder Associates Inc., 2009; Roads: Florida Department of Transportation, 2010; Aerials: Progress Energy, 2009; Flood Zones: FEMA, 1996

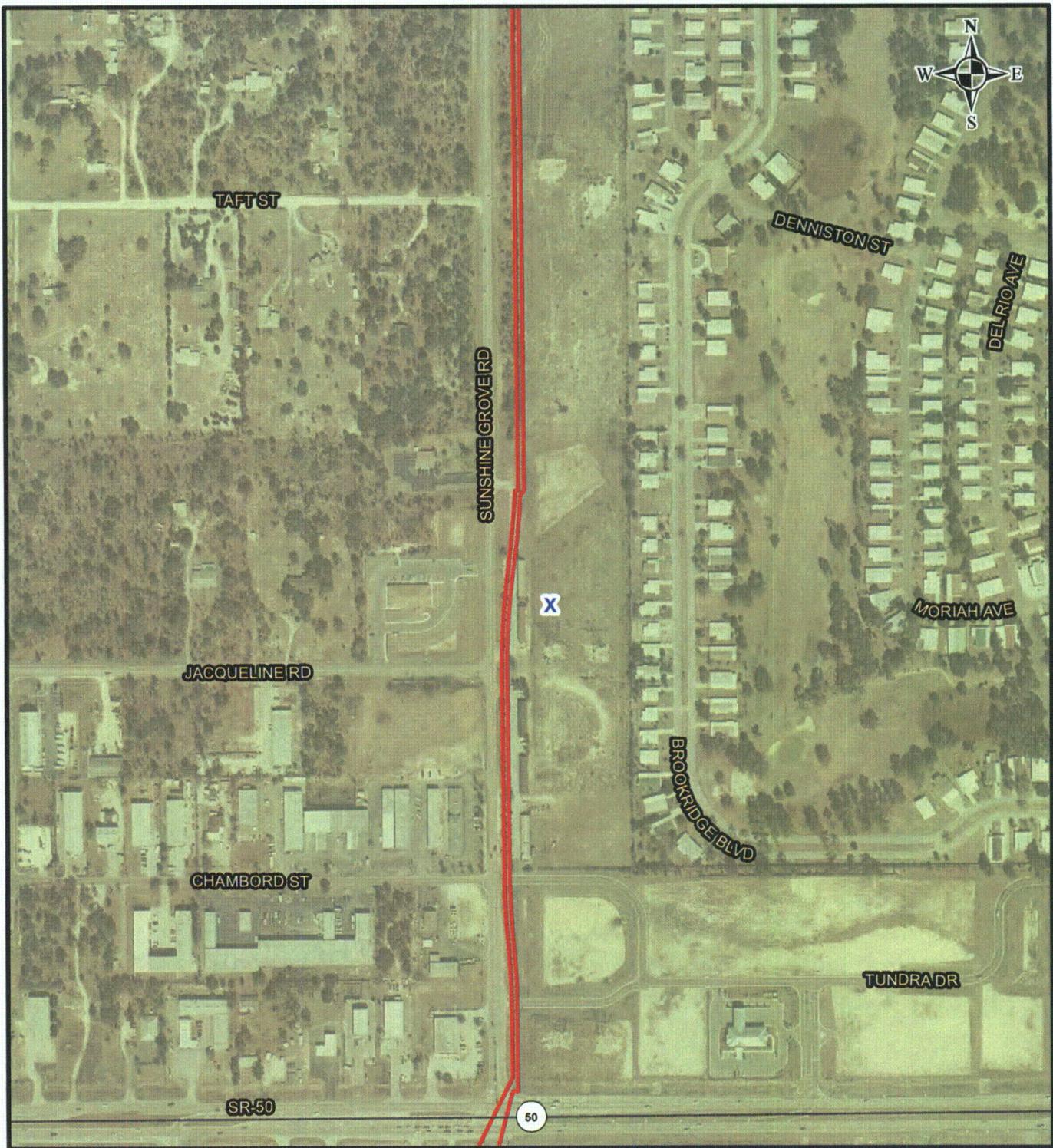
PROGRESS ENERGY FLORIDA  
 LEVY NUCLEAR PLANT  
**BROOKRIDGE - BROOKSVILLE WEST  
 FEMA 100 YEAR FLOODPLAIN MAP**



MXD File No. 063-89547.J007	SCALE AS SHOWN	REV 0
DESIGN	DLH	16 Nov 2009
GIS	DLH	07 Apr 2010
CHECK	SAR	07 Apr 2010
REVIEW	KB	07 Apr 2010

**FIGURE 7  
 PAGE 4 OF 6**

F:\PROJECTS\2009\09-093-89547 PEFCF Wetland Delineation T&E Surveys\J - ERP-BBW Florida\GIS\MXD\093-89547\007 FEMA.mxd



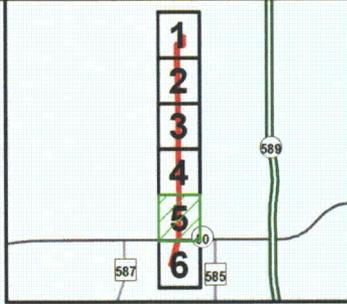
**LEGEND**

 BBW Right-of-Way

**FLOOD ZONE DESCRIPTIONS**

 X Area NOT in the 100 year floodplain

**MAP INDEX**



**REFERENCE**

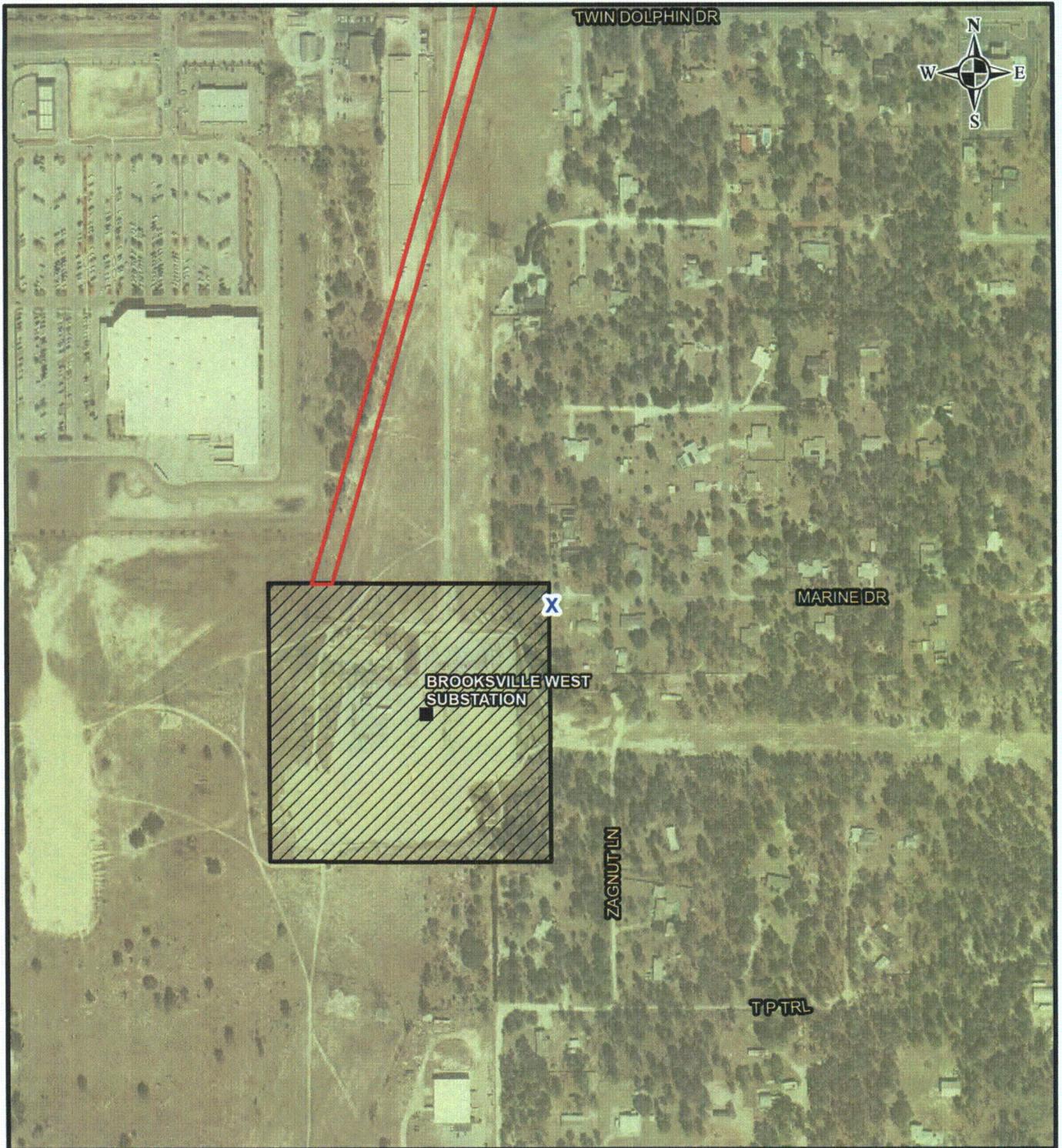
Substations and Right-of-Way; Progress Energy Florida & Golder Associates Inc., 2009; Roads: Florida Department of Transportation, 2010; Aerials: Progress Energy, 2009; Flood Zones: FEMA, 1996

PROGRESS ENERGY FLORIDA  
LEVY NUCLEAR PLANT

**BROOKRIDGE - BROOKSVILLE WEST  
FEMA 100 YEAR FLOODPLAIN MAP**



MXD File No. 063-89547J007		SCALE AS SHOWN	REV 0
DESIGN	DLH	16 Nov 2009	<b>FIGURE 7 PAGE 5 OF 6</b>
GIS	DLH	07 Apr 2010	
CHECK	SAR	07 Apr 2010	
REVIEW	KB	07 Apr 2010	



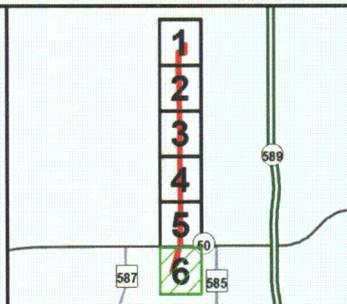
**LEGEND**

 BBW Right-of-Way

**FLOOD ZONE DESCRIPTIONS**

 X Area NOT in the 100 year floodplain

**MAP INDEX**



**REFERENCE**

Substations and Right-of-Way: Progress Energy Florida & Golder Associates Inc., 2009; Roads: Florida Department of Transportation, 2010; Aerials: Progress Energy, 2009; Flood Zones: FEMA, 1996

PROGRESS ENERGY FLORIDA  
LEVY NUCLEAR PLANT

**BROOKRIDGE - BROOKVILLE WEST  
FEMA 100 YEAR FLOODPLAIN MAP**



MXD File No. 063-89547.J007		SCALE AS SHOWN	REV 0
DESIGN	DLH	16 Nov 2009	
GIS	DLH	07 Apr 2010	
CHECK	SAR	07 Apr 2010	
REVIEW	KB	07 Apr 2010	

**FIGURE 7  
PAGE 6 OF 6**

TABLE A

Florida Power Corporation d/b/a Progress Energy Florida, Inc.  
Brookridge - Brooksville West Transmission Line

Protected Plants and Animals Potentially Occurring on the Transmission Line Right-of-Way  
Hernando County, Florida

Species	Habitat of Occurrence	Likelihood of Occurrence on ROW	Status		Observed
			USFWS	FWC	
<b>AMPHIBIANS</b>					
<i>Rana capito</i> Gopher frog	Sandhill and scrub with isolated wetlands or large ponds; commensal with gopher tortoises	Medium	N	SSC	No
<b>BIRDS</b>					
<i>Aphelocoma coerulescens</i> Florida scrub-jay	Low-growing oak scrub habitat	Low	T	T	No
<i>Aramus guarauna</i> Limpkin	Freshwater marshes, swamps, springs, spring runs, pond, river, and lake margins	Medium	N	SSC	No
<i>Athene cunicularia floridana</i> Florida burrowing owl	Dry prairie, sandhill, pastures	Low	N	SSC	No
<i>Egretta caerulea</i> Little blue heron	Freshwater lakes, marshes, swamps, and streams, cypress	Low	N	SSC	No
<i>Egretta thula</i> Snowy egret	Wetlands, streams, lakes, and swamps, manmade impoundments, ditches	Low	N	SSC	No
<i>Egretta tricolor</i> Tricolored heron	Wetlands, ditches, pond and lake edges, coastal areas	Low	N	SSC	No
<i>Eudocimus albus</i> White ibis	Freshwater and brackish marshes, salt flats, forested wetlands, wet prairies, swales, man-made ditches	Low	N	SSC	No
<i>Falco sparverius paulus</i> Southeastern American kestrel	Open pine habitats, woodland edges, prairies, pastures	High	N	T	Yes*
<i>Grus canadensis pratensis</i> Florida sandhill crane	Prairies, freshwater marshes, and pastures	Low	N	T	No
<i>Haliaeetus leucocephalus</i> Bald eagle	Coastal areas, bays, rivers, lakes, or other bodies of water	Low	N	N	No
<i>Mycteria americana</i> Wood stork	Cypress strands and domes, mixed hardwood swamps, freshwater marshes	Low	E	E	No
<i>Platalea ajaja</i> Roseate spoonbill	Tidal flats, coastal and freshwater marshes	Low	N	SSC	No
<b>MAMMALS</b>					
<i>Podomys floridanus</i> Florida mouse	Xeric upland communities with sandy soils, including scrub, sandhill, and ruderal sites	Medium	N	SSC	No

TABLE A

Florida Power Corporation d/b/a Progress Energy Florida, Inc.  
Brookridge - Brooksville West Transmission Line

Protected Plants and Animals Potentially Occurring on the Transmission Line Right-of-Way  
Hernando County, Florida

Species	Habitat of Occurrence	Likelihood of Occurrence on ROW	Status		Observed
			USFWS	FWC	
<i>Sciurus niger shermani</i> Sherman's fox squirrel	Sandhills, pine flatwoods, pastures and other open, ruderal habitats with scattered pines and oaks	Medium	N	SSC	No
<b>REPTILES</b>					
<i>Drymarchon couperi</i> Eastern indigo snake	Broad range of habitats, from scrub and sandhill to wet prairies and mangrove swamps; often commensal with gopher tortoises	Medium	T	T	No
<i>Gopherus polyphemus</i> Gopher tortoise	Dry upland habitats, including sandhills, scrub, xeric oak hammock, and dry pine flatwoods; also pastures, old fields	High	N	T	Yes
<i>Stilosoma extenuatum</i> Short-tailed snake	Sandhill, xeric hammock, sand pine scrub	Low	N	T	No
<i>Pituophis melanoleucus mugitus</i> Florida pine snake	Sandhill, old fields and pastures, sand pine scrub, scrubby flatwoods; often commensal with gopher tortoises and pocket gophers	Medium	N	SSC	No
<b>PLANTS</b>					
<i>Agrimonia incise</i> Incised groove-bur	Sandhills and scrub	Medium	N	E	No
<i>Centrosema arenicola</i> Sand butterfly pea	Sandhill, scrubby flatwoods, dry upland woods	Medium	N	E	No
<i>Schizachyrium niveum</i> Scrub bluestem	Pinelands, sandhills, scrub	Medium	N	E	No

## Notes:

N = Not Listed

T = Threatened

E = Endangered

SSC = Species of Special Concern

\*Non-migratory listed subspecies not confirmed due to time of year observed



1018 Thomasville Road  
Suite 200-C  
Tallahassee, FL 32303  
850-224-8207  
fax 850-681-9364  
www.fnai.org

November 30, 2009

Stacy Rizzo  
Golder Associates, Inc.  
6026 NW 1<sup>st</sup> Place  
Gainesville, FL 32607

Dear Ms. Rizzo,

Thank you for your request for information from the Florida Natural Areas Inventory (FNAI). We have compiled the following information for your project area.

**Project:** Brookridge Substation – Brooksville West Substation  
**Date Received:** November 24, 2009  
**Location:** Hernando County

#### Element Occurrences

A search of our maps and database indicates that currently we have several Element Occurrences mapped within the vicinity of the study area (see enclosed map and element occurrence table). Please be advised that a lack of element occurrences in the FNAI database is not a sufficient indication of the absence of rare or endangered species on a site.

*The Element Occurrences data layer includes occurrences of rare species and natural communities. The map legend indicates that some element occurrences occur in the general vicinity of the label point. This may be due to lack of precision of the source data, or an element that occurs over an extended area (such as a wide ranging species or large natural community). For animals and plants, Element Occurrences generally refer to more than a casual sighting; they usually indicate a viable population of the species. Note that some element occurrences represent historically documented observations which may no longer be extant.*

*Several of the species and natural communities tracked by the Inventory are considered **data sensitive**. Occurrence records for these elements contain information that we consider sensitive due to collection pressures, extreme rarity, or at the request of the source of the information. The Element Occurrence Record has been labeled "Data Sensitive." We request that you not publish or release specific locational data about these species or communities without consent from the Inventory. If you have any questions concerning this please do not hesitate to call.*

#### Likely and Potential Rare Species

In addition to documented occurrences, other rare species and natural communities may be identified on or near the site based on habitat models and species range models (see enclosed Biodiversity Matrix Report). These species should be taken into consideration in field surveys, land management, and impact avoidance and mitigation.

*FNAI habitat models indicate areas, which based on land cover type, offer suitable habitat for one or more rare species that is known to occur in the vicinity. Habitat models have been developed*



Florida Resources  
and Environmental  
Analysis Center

Institute of Science  
and Public Affairs

The Florida State University

*Tracking Florida's Biodiversity*

for approximately 300 of the rarest species tracked by the Inventory, including all federally listed species.

FNAI species range models indicate areas that are within the known or predicted range of a species, based on climate variables, soils, vegetation, and/or slope. Species range models have been developed for approximately 340 species, including all federally listed species.

The FNAI Biodiversity Matrix Geodatabase compiles Documented, Likely, and Potential species and natural communities for each square mile Matrix Unit statewide.

### **Florida Scrub-jay Survey – U.S. Fish and Wildlife Service**

This survey was conducted by staff and associates of the Archbold Biological Station from 1992 to 1996. An attempt was made to record all scrub-jay (*Aphelocoma coerulescens*) groups, although most federal lands were not officially surveyed. Each map point represents one or more groups.

This data layer indicates that there are potential scrub-jay populations on or very near your site. For additional information:

Fitzpatrick, J.W., B. Pranty, and B. Stith, 1994, Florida scrub jay statewide map, 1992-1993. U. S. Fish and Wildlife Service Report, Cooperative Agreement no. 14-16-004-91-950.

The Inventory always recommends that professionals familiar with Florida's flora and fauna should conduct a site-specific survey to determine the current presence or absence of rare, threatened, or endangered species.

Please visit [www.fnai.org/trackinglist.cfm](http://www.fnai.org/trackinglist.cfm) for county or statewide element occurrence distributions and links to more element information.

The database maintained by the Florida Natural Areas Inventory is the single most comprehensive source of information available on the locations of rare species and other significant ecological resources. However, the data are not always based on comprehensive or site-specific field surveys. Therefore, this information should not be regarded as a final statement on the biological resources of the site being considered, nor should it be substituted for on-site surveys. Inventory data are designed for the purposes of conservation planning and scientific research, and are not intended for use as the primary criteria for regulatory decisions.

Information provided by this database may not be published without prior written notification to the Florida Natural Areas Inventory, and the Inventory must be credited as an information source in these publications. FNAI data may not be resold for profit.

Thank you for your use of FNAI services. If I can be of further assistance, please give me a call at (850) 224-8207.

Sincerely,

**Alicia C. Newberry**

Alicia C. Newberry  
Data Services Coordinator

Encl



1018 Thomasville Road  
Suite 200-C  
Tallahassee, FL 32303  
(850) 224-8207  
(850) 681-9364 Fax  
www.fnai.org

FLORIDA  
**Natural Areas**  
INVENTORY

**Element Occurrences**

- Animals
- Plants
- Communities
- Other
- Data Sensitive

Point Indicates General Vicinity of Element

U.S. Fish & Wildlife Service Scrub Jay Survey 1992-96

**Conservation Lands**

- Federal
- State
- Local
- Private
- State Aquatic Preserves

**Land Acquisition Projects**

- Florida Forever
- Board of Trustees Projects

- FNAI Rare Species Habitat
- FNAI Biodiversity Matrix Square Mile Units

- County Boundary
- Interstate
- Turnpike
- Major Highway
- Local Road
- Railroad [Inactive railroads shown in Gray]
- Water



**NOTE**  
Map should not be interpreted without accompanying documents.

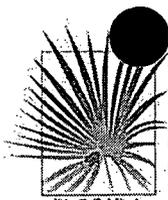
**Brookridge Substation - Brooksville West Substation**

Site boundaries are approximate.

**Hernando County**



Map produced by ACN  
Map Date: 30 NOV 2009



1018 Thomasville Road  
Suite 200-C  
Tallahassee, FL 32303  
(850) 224-8207  
(850) 681-9364 Fax  
www.fnai.org

FLORIDA  
Natural Areas  
INVENTORY

# Florida Natural Areas Inventory

## ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Brookridge Substation - Brooksville West Substation



Map Label	Scientific Name	Common Name	Global State Federal State Observation				Date	Description	EO Comments
			Rank	Rank	Status	Listing			
SCIUSHER*44	Sciurus niger shermani	Sherman's Fox Squirrel	G5T3	S3	N	LS	1989	SANDHILL	7 SQUIRRELS SITED BETWEEN OCT 1988 AND JULY 1989.
SCHINIVE*34	Schizachyrium niveum	Scrub Bluestem	G1G2	S1S2	N	LE	1959-10-16	Open weedy area below wooded slope; white sand Pinus clausa-oak scrub.	Fruiting specimen collected by J.D. Ray Jr. 59-10-16, spec. # 9537, USF # 24743; common.
LECHDIVA*8	Lechea divaricata	Pine Pinweed	G2	S2	N	LE	1959-10-16	WHITE SAND PINUS CLAUSA-OAK SCRUB, OPEN GRASS SLOPE BORDERING PRAIRIE.	COMMON; ? FLOWERING AND FRUITING; JAMES D. RAY, JR. SPECIMEN #9538, COLLECTED 16 OCT 1959. FLAS #79582.
GOPHPOLY*789	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	1987-07-22	OPEN SAND PINE SCRUB, WHITE SAND WITH LICHEN BARRENS.	AT LEAST 1 BURROW OBSERVED.
DS*25742	Data Sensitive Element	Data Sensitive	G5	S1	N	LE	1935-04-14	Data Sensitive	Data Sensitive
DS*6692	Data Sensitive Element	Data Sensitive	G1G2	S1S2	N	N	1983-pre	Data Sensitive	Data Sensitive
GOPHPOLY*788	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	1992-pre	SANDHILL AND SCRUB.	1 OLD BURROW OBSERVED.
DS*23402	Data Sensitive Element	Data Sensitive	G3	S3	N	N	1983-pre	Data Sensitive	Data Sensitive
DRYMCOUP*318	Drymarchon couperi	Eastern Indigo Snake	G3	S3	LT	LT	1936-12-06	No general description given	MUSEUM SPECIMEN: A. LAESSLE, 6 DEC 1936 (UF 910).
DIGIFLOR*1	Digitaria floridana	Florida Crabgrass	G1	S1	N	N	1960-09-30	IN HEAPS OF POT SOIL AND ALONG PATHS, MOSTLY IN SAWDUST ON THE GROUNDS OF NINA'S NURSERY.	1960-09-30: FRUITING, ABUNDANT, SOME PLANTS WITH LEAFY STOLONS.
PTERECRI*52	Pteroglossaspis ecrinata	Giant Orchid	G2G3	S2	N	LT	2002-08-19	2002-08-19: Broad transitional "edge" of large sandhill lake, downslope from sandhills. No canopy. Herbaceous ground cover of Amphicarpon, Axonopus, Rubus, Sorghastrum spp., Andropogon spp. Lots of vehicle use apparent along lake edge (P	2002-08-19: 5 plants seen (in flower) (PNDAR05FLUS).
HALILEUC*1176	Haliaeetus leucocephalus	Bald Eagle	G5	S3	PS	N	2003	2005-07-12: Source does not provide a description.	Nest status: Active, 2003, 2002, 2001, 2000, 1999;(U03FWC01FLUS)



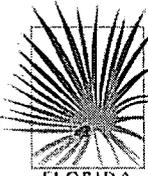
# Florida Natural Areas Inventory

## ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Brookridge Substation - Brooksville West Substation



Global State Federal State Observation

Map Label	Scientific Name	Common Name	Rank	Rank	Status	Listing	Date	Description	EO Comments
MELAWITH*1	Melanoplus withlacocheensis	Withlacochee Melanoplus Grasshopper	G1G3	S1S3	N	N	2000-10-23	2000-10-23: No description given (N05LAM01FLUS).	2000-10-23: Three specimens were collected (N05LAM01FLUS). 1998-10-08: Seven specimens were collected somewhere along SR 50 in Hernando County by J.L. Capinera (U08ALM01FLUS). 1997-11-15: Three specimens were collected somewhere along SR 50



1018 Thomasville Road  
Suite 200-C  
Tallahassee, FL 32303  
(850) 224-8207  
(850) 681-9364 Fax

# Florida Natural Areas Inventory

## Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
<b>Matrix Unit ID: 24756</b>					
<b>Likely</b>					
<i>Grus canadensis pratensis</i>	Florida Sandhill Crane	G5T2T3	S2S3	N	LT
<i>Lechea divaricata</i>	Pine Pinweed	G2	S2	N	LE
Mesic flatwoods		G4	S4	N	N
Sandhill		G3	S2	N	N
<b>Potential</b>					
<i>Agrimonia incisa</i>	Incised Groove-bur	G3	S2	N	LE
<i>Aphelocoma coerulescens</i>	Florida Scrub-jay	G2	S2	LT	LT
<i>Blechnum occidentale</i>	Sinkhole Fern	G5	S1	N	LE
<i>Calopogon multiflorus</i>	Many-flowered Grass-pink	G2G3	S2S3	N	LE
<i>Centrosema arenicola</i>	Sand Butterfly Pea	G2Q	S2	N	LE
<i>Coelorachis tuberculosa</i>	Piedmont Jointgrass	G3	S3	N	LT
<i>Digitaria floridana</i>	Florida Crabgrass	G1	S1	N	N
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	LT	LT
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	LT
<i>Heterodon simus</i>	Southern Hognose Snake	G2	S2	N	N
<i>Matelea floridana</i>	Florida Spiny-pod	G2	S2	N	LE
<i>Monotropsis reynoldsiae</i>	Pygmy Pipes	G1Q	S1	N	LE
<i>Mustela frenata peninsulæ</i>	Florida Long-tailed Weasel	G5T3	S3	N	N
<i>Nemastylis floridana</i>	Celestial Lily	G2	S2	N	LE
<i>Neofiber alleni</i>	Round-tailed Muskrat	G3	S3	N	N
<i>Notophthalmus perstriatus</i>	Striped Newt	G2G3	S2S3	N	N
<i>Panicum abscissum</i>	Cutthroat Grass	G3	S3	N	LE
<i>Podomys floridanus</i>	Florida Mouse	G3	S3	N	LS
<i>Pteroglossaspis ecristata</i>	Giant Orchid	G2G3	S2	N	LT
<i>Rana capito</i>	Gopher Frog	G3	S3	N	LS
<i>Schizachyrium niveum</i>	Scrub Bluestem	G1	S1	N	LE
<i>Sciurus niger shermani</i>	Sherman's Fox Squirrel	G5T3	S3	N	LS
<i>Ursus americanus floridanus</i>	Florida Black Bear	G5T2	S2	N	LT*

**Matrix Unit ID: 24757**

**Documented**

<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	LT
----------------------------	-----------------	----	----	---	----

**Likely**

<i>Grus canadensis pratensis</i>	Florida Sandhill Crane	G5T2T3	S2S3	N	LT
<i>Lechea divaricata</i>	Pine Pinweed	G2	S2	N	LE
Sandhill		G3	S2	N	N

**Potential**

<i>Agrimonia incisa</i>	Incised Groove-bur	G3	S2	N	LE
<i>Aphelocoma coerulescens</i>	Florida Scrub-jay	G2	S2	LT	LT
<i>Blechnum occidentale</i>	Sinkhole Fern	G5	S1	N	LE
<i>Calopogon multiflorus</i>	Many-flowered Grass-pink	G2G3	S2S3	N	LE
<i>Centrosema arenicola</i>	Sand Butterfly Pea	G2Q	S2	N	LE
<i>Coelorachis tuberculosa</i>	Piedmont Jointgrass	G3	S3	N	LT

**Definitions:** Documented - Rare species and natural communities documented on or near this site.  
 Documented-Historic - Rare species and natural communities documented, but not observed/reported within the last twenty years.  
 Likely - Rare species and natural communities likely to occur on this site based on suitable habitat and/or known occurrences in the vicinity.  
 Potential - This site lies within the known or predicted range of the species listed.

# Florida Natural Areas Inventory

## Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
<i>Digitaria floridana</i>	Florida Crabgrass	G1	S1	N	N
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	LT	LT
<i>Heterodon simus</i>	Southern Hognose Snake	G2	S2	N	N
<i>Matelea floridana</i>	Florida Spiny-pod	G2	S2	N	LE
<i>Monotropis reynoldsiae</i>	Pygmy Pipes	G1Q	S1	N	LE
<i>Mustela frenata peninsulæ</i>	Florida Long-tailed Weasel	G5T3	S3	N	N
<i>Nemastylis floridana</i>	Celestial Lily	G2	S2	N	LE
<i>Neofiber alleni</i>	Round-tailed Muskrat	G3	S3	N	N
<i>Notophthalmus perstriatus</i>	Striped Newt	G2G3	S2S3	N	N
<i>Panicum abscissum</i>	Cutthroat Grass	G3	S3	N	LE
<i>Podomys floridanus</i>	Florida Mouse	G3	S3	N	LS
<i>Rana capito</i>	Gopher Frog	G3	S3	N	LS
<i>Schizachyrium niveum</i>	Scrub Bluestem	G1	S1	N	LE
<i>Sciurus niger shermani</i>	Sherman's Fox Squirrel	G5T3	S3	N	LS

### Matrix Unit ID: 24758

#### Likely

<i>Grus canadensis pratensis</i>	Florida Sandhill Crane	G5T2T3	S2S3	N	LT
----------------------------------	------------------------	--------	------	---	----

#### Potential

<i>Agrimonia incisa</i>	Incised Groove-bur	G3	S2	N	LE
<i>Athene cunicularia floridana</i>	Florida Burrowing Owl	G4T3	S3	N	LS
<i>Calopogon multiflorus</i>	Many-flowered Grass-pink	G2G3	S2S3	N	LE
<i>Centrosema arenicola</i>	Sand Butterfly Pea	G2Q	S2	N	LE
<i>Coelorachis tuberculosa</i>	Piedmont Jointgrass	G3	S3	N	LT
<i>Digitaria floridana</i>	Florida Crabgrass	G1	S1	N	N
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	LT	LT
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	LT
<i>Heterodon simus</i>	Southern Hognose Snake	G2	S2	N	N
<i>Matelea floridana</i>	Florida Spiny-pod	G2	S2	N	LE
<i>Mustela frenata peninsulæ</i>	Florida Long-tailed Weasel	G5T3	S3	N	N
<i>Nemastylis floridana</i>	Celestial Lily	G2	S2	N	LE
<i>Neofiber alleni</i>	Round-tailed Muskrat	G3	S3	N	N
<i>Notophthalmus perstriatus</i>	Striped Newt	G2G3	S2S3	N	N
<i>Panicum abscissum</i>	Cutthroat Grass	G3	S3	N	LE
<i>Podomys floridanus</i>	Florida Mouse	G3	S3	N	LS
<i>Rana capito</i>	Gopher Frog	G3	S3	N	LS
<i>Sciurus niger shermani</i>	Sherman's Fox Squirrel	G5T3	S3	N	LS

### Matrix Unit ID: 24759

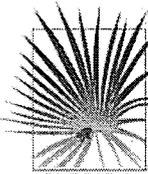
#### Likely

<i>Grus canadensis pratensis</i>	Florida Sandhill Crane	G5T2T3	S2S3	N	LT
----------------------------------	------------------------	--------	------	---	----

#### Potential

<i>Agrimonia incisa</i>	Incised Groove-bur	G3	S2	N	LE
<i>Athene cunicularia floridana</i>	Florida Burrowing Owl	G4T3	S3	N	LS
<i>Calopogon multiflorus</i>	Many-flowered Grass-pink	G2G3	S2S3	N	LE
<i>Centrosema arenicola</i>	Sand Butterfly Pea	G2Q	S2	N	LE

**Definitions:** Documented - Rare species and natural communities documented on or near this site.  
 Documented-Historic - Rare species and natural communities documented, but not observed/reported within the last twenty years.  
 Likely - Rare species and natural communities likely to occur on this site based on suitable habitat and/or known occurrences in the vicinity.  
 Potential - This site lies within the known or predicted range of the species listed.



1018 Thomasville Road  
Suite 200-C  
Tallahassee, FL 32303  
(850) 224-8207  
(850) 681-9364 Fax

# Florida Natural Areas Inventory

## Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
<i>Coelorachis tuberculosa</i>	Piedmont Jointgrass	G3	S3	N	LT
<i>Digitaria floridana</i>	Florida Crabgrass	G1	S1	N	N
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	LT	LT
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	LT
<i>Heterodon simus</i>	Southern Hognose Snake	G2	S2	N	N
<i>Matelea floridana</i>	Florida Spiny-pod	G2	S2	N	LE
<i>Mustela frenata peninsulæ</i>	Florida Long-tailed Weasel	G5T3	S3	N	N
<i>Nemastylis floridana</i>	Celestial Lily	G2	S2	N	LE
<i>Neofiber alleni</i>	Round-tailed Muskrat	G3	S3	N	N
<i>Notophthalmus perstriatus</i>	Striped Newt	G2G3	S2S3	N	N
<i>Podomys floridanus</i>	Florida Mouse	G3	S3	N	LS
<i>Rana capito</i>	Gopher Frog	G3	S3	N	LS
<i>Sciurus niger shermani</i>	Sherman's Fox Squirrel	G5T3	S3	N	LS

Matrix Unit ID: 24760

### Likely

<i>Grus canadensis pratensis</i>	Florida Sandhill Crane	G5T2T3	S2S3	N	LT
----------------------------------	------------------------	--------	------	---	----

### Potential

<i>Agrimonia incisa</i>	Incised Groove-bur	G3	S2	N	LE
<i>Athene cunicularia floridana</i>	Florida Burrowing Owl	G4T3	S3	N	LS
<i>Calopogon multiflorus</i>	Many-flowered Grass-pink	G2G3	S2S3	N	LE
<i>Centrosema arenicola</i>	Sand Butterfly Pea	G2Q	S2	N	LE
<i>Coelorachis tuberculosa</i>	Piedmont Jointgrass	G3	S3	N	LT
<i>Digitaria floridana</i>	Florida Crabgrass	G1	S1	N	N
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	LT	LT
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	LT
<i>Heterodon simus</i>	Southern Hognose Snake	G2	S2	N	N
<i>Matelea floridana</i>	Florida Spiny-pod	G2	S2	N	LE
<i>Mustela frenata peninsulæ</i>	Florida Long-tailed Weasel	G5T3	S3	N	N
<i>Nemastylis floridana</i>	Celestial Lily	G2	S2	N	LE
<i>Neofiber alleni</i>	Round-tailed Muskrat	G3	S3	N	N
<i>Notophthalmus perstriatus</i>	Striped Newt	G2G3	S2S3	N	N
<i>Pituophis melanoleucus mugitus</i>	Florida Pine Snake	G4T3	S3	N	LS
<i>Podomys floridanus</i>	Florida Mouse	G3	S3	N	LS
<i>Rana capito</i>	Gopher Frog	G3	S3	N	LS
<i>Sciurus niger shermani</i>	Sherman's Fox Squirrel	G5T3	S3	N	LS
<i>Stilosoma extenuatum</i>	Short-tailed Snake	G3	S3	N	LT

Matrix Unit ID: 25022

### Potential

<i>Agrimonia incisa</i>	Incised Groove-bur	G3	S2	N	LE
<i>Athene cunicularia floridana</i>	Florida Burrowing Owl	G4T3	S3	N	LS
<i>Calopogon multiflorus</i>	Many-flowered Grass-pink	G2G3	S2S3	N	LE
<i>Centrosema arenicola</i>	Sand Butterfly Pea	G2Q	S2	N	LE
<i>Coelorachis tuberculosa</i>	Piedmont Jointgrass	G3	S3	N	LT
<i>Digitaria floridana</i>	Florida Crabgrass	G1	S1	N	N
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	LT	LT

**Definitions:** Documented - Rare species and natural communities documented on or near this site.  
 Documented-Historic - Rare species and natural communities documented, but not observed/reported within the last twenty years.  
 Likely - Rare species and natural communities likely to occur on this site based on suitable habitat and/or known occurrences in the vicinity.  
 Potential - This site lies within the known or predicted range of the species listed.



1018 Thomasville Road  
Suite 200-C  
Tallahassee, FL 32303  
(850) 224-8207  
(850) 681-9364 Fax

# Florida Natural Areas Inventory

## Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	LT
<i>Grus canadensis pratensis</i>	Florida Sandhill Crane	G5T2T3	S2S3	N	LT
<i>Heterodon simus</i>	Southern Hognose Snake	G2	S2	N	N
<i>Matelea floridana</i>	Florida Spiny-pod	G2	S2	N	LE
<i>Mustela frenata peninsulæ</i>	Florida Long-tailed Weasel	G5T3	S3	N	N
<i>Myotis austroriparius</i>	Southeastern Bat	G3G4	S3	N	N
<i>Nemastylis floridana</i>	Celestial Lily	G2	S2	N	LE
<i>Neofiber alleni</i>	Round-tailed Muskrat	G3	S3	N	N
<i>Notophthalmus perstriatus</i>	Striped Newt	G2G3	S2S3	N	N
<i>Pituophis melanoleucus mugitus</i>	Florida Pine Snake	G4T3	S3	N	LS
<i>Podomys floridanus</i>	Florida Mouse	G3	S3	N	LS
<i>Pteroglossaspis ecristata</i>	Giant Orchid	G2G3	S2	N	LT
<i>Rana capito</i>	Gopher Frog	G3	S3	N	LS
<i>Sciurus niger shermani</i>	Sherman's Fox Squirrel	G5T3	S3	N	LS
<i>Stilosoma extenuatum</i>	Short-tailed Snake	G3	S3	N	LT

Matrix Unit ID: 25023

### Likely

Mesic flatwoods	G4	S4	N	N
-----------------	----	----	---	---

### Potential

<i>Agrimonia incisa</i>	Incised Groove-bur	G3	S2	N	LE
<i>Asplenium x curtissii</i>	Curtiss' Spleenwort	GNA	S1	N	N
<i>Athene cunicularia floridana</i>	Florida Burrowing Owl	G4T3	S3	N	LS
<i>Calopogon multiflorus</i>	Many-flowered Grass-pink	G2G3	S2S3	N	LE
<i>Centrosema arenicola</i>	Sand Butterfly Pea	G2Q	S2	N	LE
<i>Coelorachis tuberculosa</i>	Piedmont Jointgrass	G3	S3	N	LT
<i>Digitaria floridana</i>	Florida Crabgrass	G1	S1	N	N
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	LT	LT
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	LT
<i>Heterodon simus</i>	Southern Hognose Snake	G2	S2	N	N
<i>Litsea aestivalis</i>	Pondspice	G3	S2	N	LE
<i>Matelea floridana</i>	Florida Spiny-pod	G2	S2	N	LE
<i>Mustela frenata peninsulæ</i>	Florida Long-tailed Weasel	G5T3	S3	N	N
<i>Myotis austroriparius</i>	Southeastern Bat	G3G4	S3	N	N
<i>Nemastylis floridana</i>	Celestial Lily	G2	S2	N	LE
<i>Neofiber alleni</i>	Round-tailed Muskrat	G3	S3	N	N
<i>Notophthalmus perstriatus</i>	Striped Newt	G2G3	S2S3	N	N
<i>Picoides borealis</i>	Red-cockaded Woodpecker	G3	S2	LE	LS
<i>Pituophis melanoleucus mugitus</i>	Florida Pine Snake	G4T3	S3	N	LS
<i>Podomys floridanus</i>	Florida Mouse	G3	S3	N	LS
<i>Pteroglossaspis ecristata</i>	Giant Orchid	G2G3	S2	N	LT
<i>Rana capito</i>	Gopher Frog	G3	S3	N	LS
<i>Sciurus niger shermani</i>	Sherman's Fox Squirrel	G5T3	S3	N	LS
<i>Spigelia loganioides</i>	Pinkroot	G2Q	S2	N	LE
<i>Stilosoma extenuatum</i>	Short-tailed Snake	G3	S3	N	LT

**Definitions:** Documented - Rare species and natural communities documented on or near this site.  
 Documented-Historic - Rare species and natural communities documented, but not observed/reported within the last twenty years.  
 Likely - Rare species and natural communities likely to occur on this site based on suitable habitat and/or known occurrences in the vicinity.  
 Potential - This site lies within the known or predicted range of the species listed.

## GLOBAL AND STATE RANKS

Florida Natural Areas Inventory (FNAI) defines an **element** as any rare or exemplary component of the natural environment, such as a species, natural community, bird rookery, spring, sinkhole, cave, or other ecological feature. FNAI assigns two ranks to each element found in Florida: the **global rank**, which is based on an element's worldwide status, and the **state rank**, which is based on the status of the element within Florida. Element ranks are based on many factors, including estimated number of occurrences, estimated abundance (for species and populations) or area (for natural communities), estimated number of adequately protected occurrences, range, threats, and ecological fragility.

## GLOBAL RANK DEFINITIONS

- G1** Critically imperiled globally because of extreme rarity (5 or fewer occurrences or less than 1000 individuals) or because of extreme vulnerability to extinction due to some natural or man-made factor.
- G2** Imperiled globally because of rarity (6 to 20 occurrences or less than 3000 individuals) or because of vulnerability to extinction due to some natural or man-made factor.
- G3** Either very rare and local throughout its range (21-100 occurrences or less than 10,000 individuals) or found locally in a restricted range or vulnerable to extinction from other factors.
- G4** Apparently secure globally (may be rare in parts of range).
- G5** Demonstrably secure globally.
- G#?** Tentative rank (e.g., G2?)
- G#G#** Range of rank; insufficient data to assign specific global rank (e.g., G2G3)
- G#T#** Rank of a taxonomic subgroup such as a subspecies or variety; the G portion of the rank refers to the entire species and the T portion refers to the specific subgroup; numbers have same definition as above (e.g., G3T1)
- G#Q** Rank of questionable species - ranked as species but questionable whether it is species or subspecies; numbers have same definition as above (e.g., G2Q)
- G#T#Q** Same as above, but validity as subspecies or variety is questioned.
- GH** Of historical occurrence throughout its range, may be rediscovered (e.g., ivory-billed woodpecker)
- GNA** Ranking is not applicable because element is not a suitable target for conservation (e.g. as for hybrid species)
- GNR** Not yet ranked (temporary)
- GNRTNR** Neither the full species nor the taxonomic subgroup has yet been ranked (temporary)
- GX** Believed to be extinct throughout range
- GXC** Extirpated from the wild but still known from captivity/cultivation
- GU** Unrankable. Due to lack of information, no rank or range can be assigned (e.g., GUT2).

## STATE RANK DEFINITIONS

Definition parallels global element rank: substitute "S" for "G" in above global ranks, and "in Florida" for "globally" in above global rank definitions.

**FEDERAL AND STATE LEGAL STATUSES (U.S. Fish and Wildlife Service – USFWS)  
PROVIDED BY FNAI FOR INFORMATION ONLY.**

For official definitions and lists of protected species, consult the relevant state or federal agency.

**FEDERAL LEGAL STATUS**

Definitions derived from U.S. Endangered Species Act of 1973, Sec. 3. Note that the federal status given by FNAI refers only to Florida populations and that federal status may differ elsewhere.

- LE** Listed as Endangered Species in the List of Endangered and Threatened Wildlife and Plants under the provisions of the Endangered Species Act. Defined as any species which is in danger of extinction throughout all or a significant portion of its range.
- LE,XN** A non essential experimental population of a species otherwise Listed as an Endangered Species in the List of Endangered and Threatened Wildlife and Plants. LE,XN for *Grus americana* (Whooping crane), Federally listed as XN (Non essential experimental population) refers to the Florida experimental population only. Federal listing elsewhere for *Grus americana* is LE.
- PE** Proposed for addition to the List of Endangered and Threatened Wildlife and Plants as Endangered Species.
- LT** Listed as Threatened Species, defined as any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.
- LT,PDL** Species currently listed Threatened but has been proposed for delisting.
- PT** Proposed for listing as Threatened Species.
- C** Candidate Species for addition to the list of Endangered and Threatened Wildlife and Plants, Category 1. Federal listing agencies have sufficient information on biological vulnerability and threats to support proposing to list the species as Endangered or Threatened.
- SAT** Threatened due to similarity of appearance to a threatened species.
- SC** Species of Concern, species is not currently listed but is of management concern to USFWS.
- N** Not currently listed, nor currently being considered for addition to the List of Endangered and Threatened Wildlife and Plants.

**FLORIDA LEGAL STATUSES (Florida Fish and Wildlife Conservation Commission – FFWCC/  
Florida Department of Agriculture and Consumer Services – FDACS)**

**Animals:** Definitions derived from “Florida’s Endangered Species and Species of Special Concern, Official Lists” published by Florida Fish and Wildlife Conservation Commission - FFWCC, 1 August 1997, and subsequent updates.

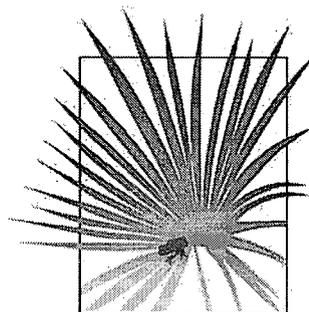
- LE** Listed as Endangered Species by the FFWCC. Defined as a species, subspecies, or isolated population which is so rare or depleted in number or so restricted in range of habitat due to any man-made or natural factors that it is in immediate danger of extinction or extirpation from the state, or which may attain such a status within the immediate future.
- LT** Listed as Threatened Species by the FFWCC. Defined as a species, subspecies, or isolated population which is acutely vulnerable to environmental alteration, declining in number at a rapid rate, or whose range or habitat is decreasing in area at a rapid rate and as a consequence is destined or very likely to become an endangered species within the foreseeable future.
- LT\*** Indicates that a species has LT status only in selected portions of its range in Florida. LT\* for *Ursus americanus floridanus* (Florida black bear) indicates that LT status does not apply in Baker and Columbia counties and in the Apalachicola National Forest. LT\* for *Neovison vison* pop. 1 (Southern mink, South Florida population) state listed as Threatened refers to the Everglades population only (Note: species formerly listed as *Mustela vison* mink pop. 1. Also, priorly listed as *Mustela evergladensis*).
- LS** Listed as Species of Special Concern by the FFWCC, defined as a population which warrants special protection, recognition, or consideration because it has an inherent significant vulnerability to habitat modification,

environmental alteration, human disturbance, or substantial human exploitation which, in the foreseeable future, may result in its becoming a threatened species.

- LS\*** Indicates that a species has LS status only in selected portions of its range in Florida. LS\* for *Pandion haliaetus* (Osprey) state listed as LS (Species of Special Concern) in Monroe County only.
- PE** Proposed for listing as Endangered.
- PT** Proposed for listing as Threatened.
- PS** Proposed for listing as a Species of Special Concern.
- N** Not currently listed, nor currently being considered for listing.

**Plants:** Definitions derived from Sections 581.011 and 581.185(2), Florida Statutes, and the Preservation of Native Flora of Florida Act, 5B-40.001. FNAI does not track all state-regulated plant species; for a complete list of state-regulated plant species, call Florida Division of Plant Industry, 352-372-3505 or please visit: <http://DOACS.State.FL.US/PI/Images/Rule05b.pdf>

- LE** Listed as Endangered Plants in the Preservation of Native Flora of Florida Act. Defined as species of plants native to the state that are in imminent danger of extinction within the state, the survival of which is unlikely if the causes of a decline in the number of plants continue, and includes all species determined to be endangered or threatened pursuant to the Federal Endangered Species Act of 1973, as amended.
- PE** Proposed by the FDACS for listing as Endangered Plants.
- LT** Listed as Threatened Plants in the Preservation of Native Flora of Florida Act. Defined as species native to the state that are in rapid decline in the number of plants within the state, but which have not so decreased in such number as to cause them to be endangered. LT\* indicates that a species has LT status only in selected portions of its range in Florida.
- PT** Proposed by the FDACS for listing as Threatened Plants.
- N** Not currently listed, nor currently being considered for listing.



FLORIDA  
**Natural Areas**  
INVENTORY

1018 Thomasville Road  
Suite 200-C  
Tallahassee, FL 32303  
(850) 224-8207  
(850) 681-9364 Fax  
[www.fnai.org](http://www.fnai.org)



Technical Assistance Provided by:

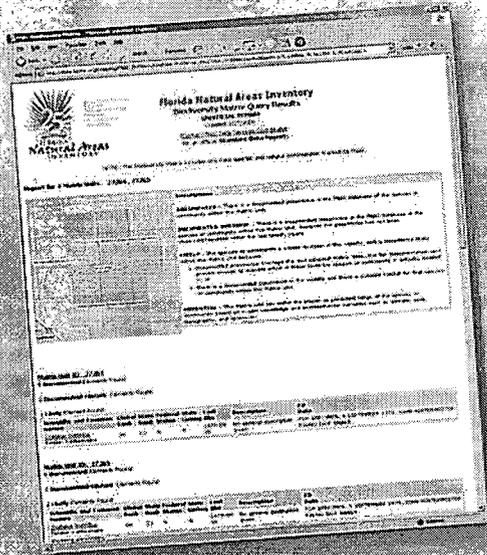


FOR IMMEDIATE RELEASE

## FNAI's Biodiversity Matrix Online



The Biodiversity Matrix Map Server is a new **screening tool** from FNAI that provides **immediate, free access** to rare species occurrence information statewide. This tool allows you to zoom to your site of interest and create a report listing documented, likely, and potential occurrences of rare species and natural communities.



The FNAI Biodiversity Matrix offers **built-in interpretation** of the likelihood of species occurrence for each 1-square-mile Matrix Unit across the state. The report includes a site map and list of species and natural communities by occurrence status: Documented, Documented-Historic, Likely, and Potential.

Try it today:

[www.fnai.org/biointro.cfm](http://www.fnai.org/biointro.cfm)

Please note: FNAI will continue to offer our Standard Data Report service as always. The Standard Data Report offers the most comprehensive information available on rare species, natural communities, conservation lands, and other natural resources.