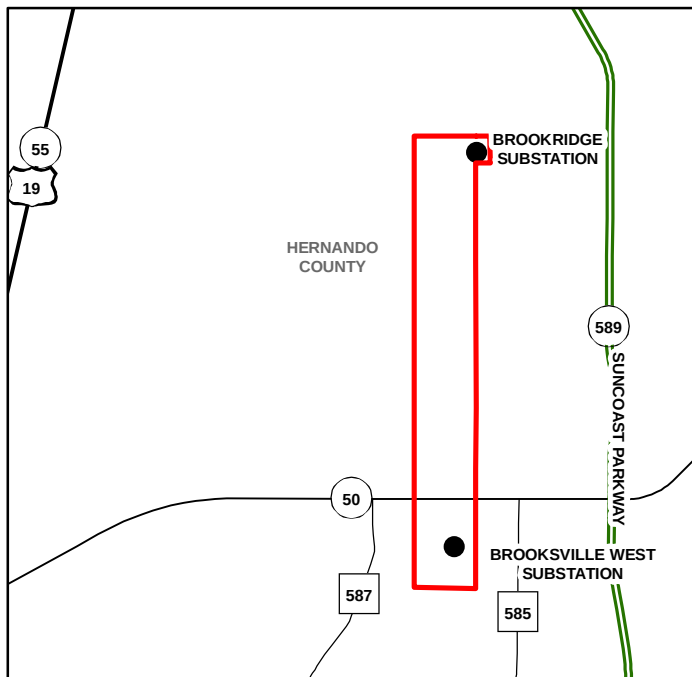
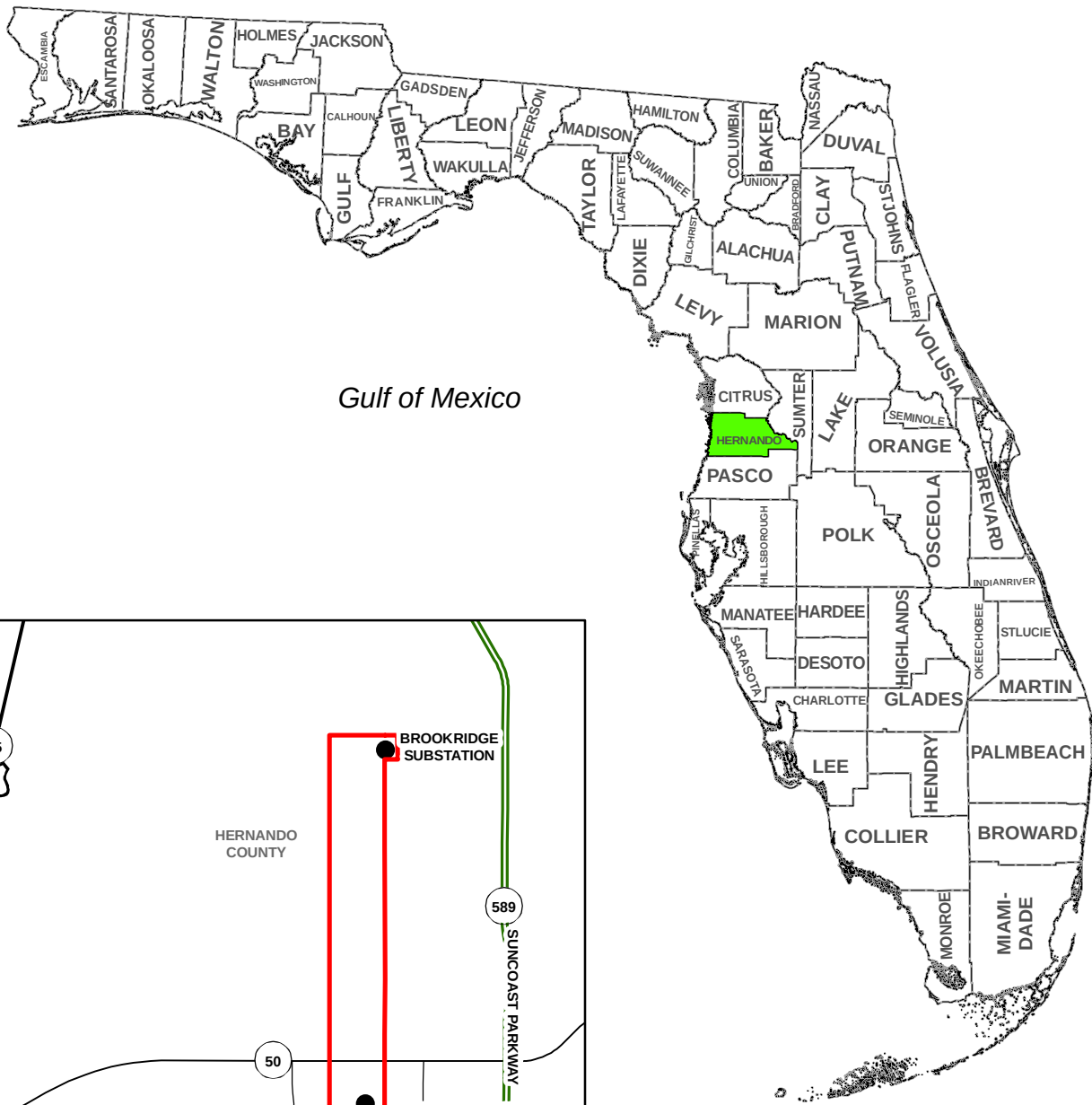


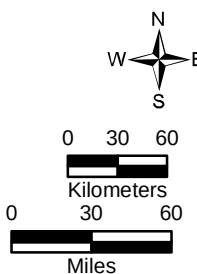


LEGEND

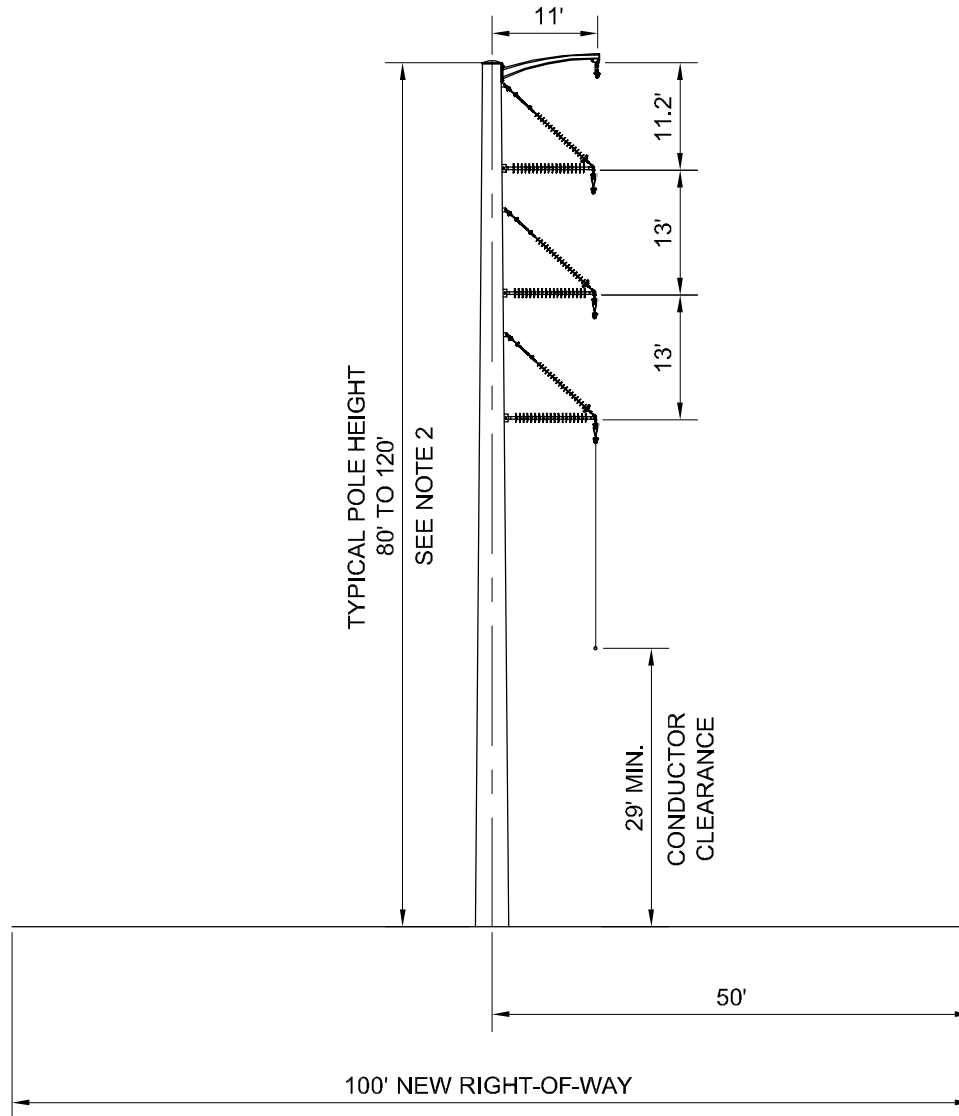
- Substations
- ▭ Corridor Boundary
- US Road
- ▭ Florida County Boundaries
- State Road
- County Road

Sources

Corridors - Golder Associates Inc. & Progress Energy Florida, 2008
 Substations - Progress Energy Florida, 2008
 All Roads - Florida Department of Transportation, 2008
 Florida County Boundaries - US Census Bureau, 2003

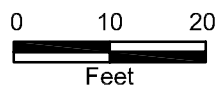


Progress Energy Florida Levy Nuclear Plant Units 1 and 2 Site Certification Application	
BBW Corridor Location FIGURE 9-A6.0-1	
Rev 0	



NOTE:

1. TYPICAL PIER FOUNDATION TO BE 6' TO 9' IN DIAMETER.
2. PROPOSED 230kV STRUCTURES SPOTTED AT A TYPICAL SPAN OF APPROXIMATELY 600'.



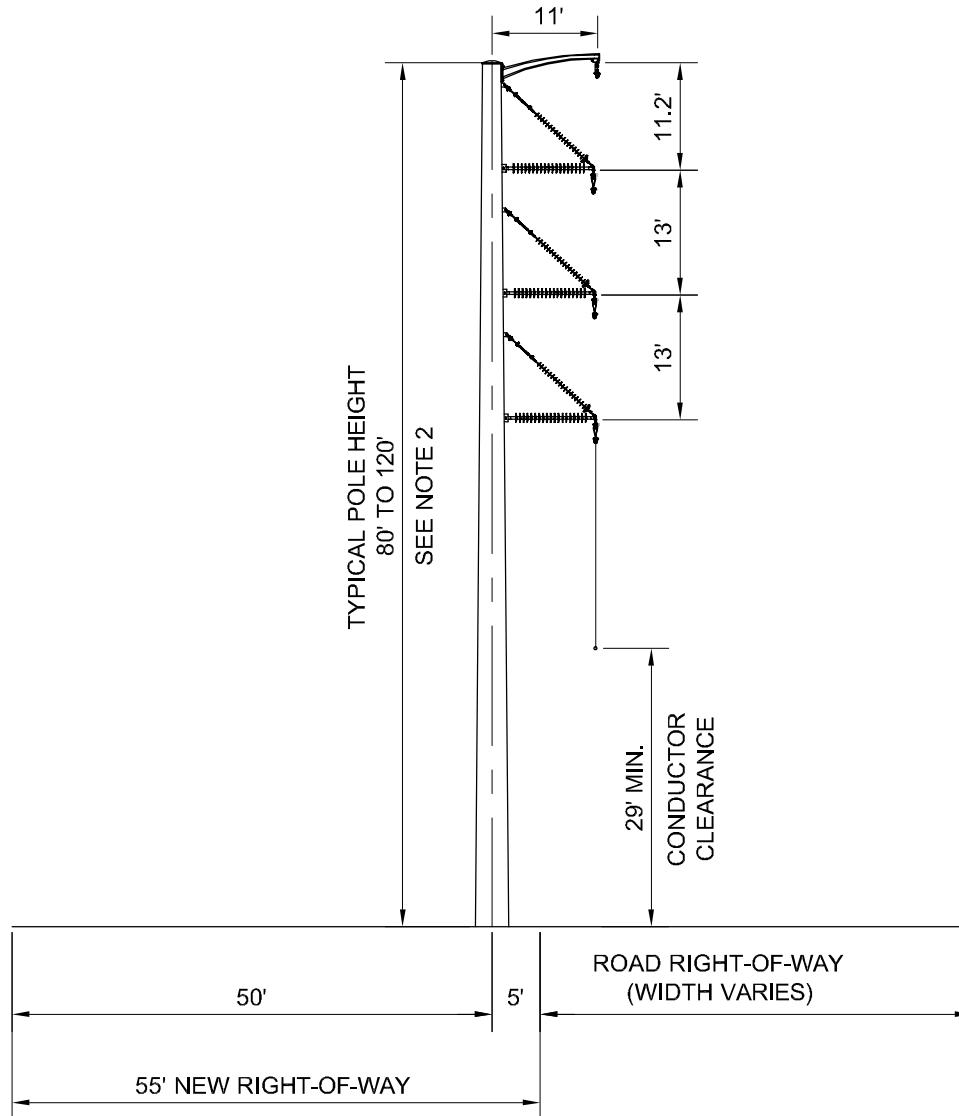
Progress Energy Florida

**Levy Nuclear Plant
Units 1 and 2
Site Certification Application**

Typical Tangent
Monopole Structure
on New Right-of-Way

FIGURE 9-A6.2-1

Rev 0



NOTE:

1. TYPICAL PIER FOUNDATION TO BE 6' TO 9' IN DIAMETER.
2. PROPOSED 230kV STRUCTURES SPOTTED AT A TYPICAL SPAN OF APPROXIMATELY 600'.

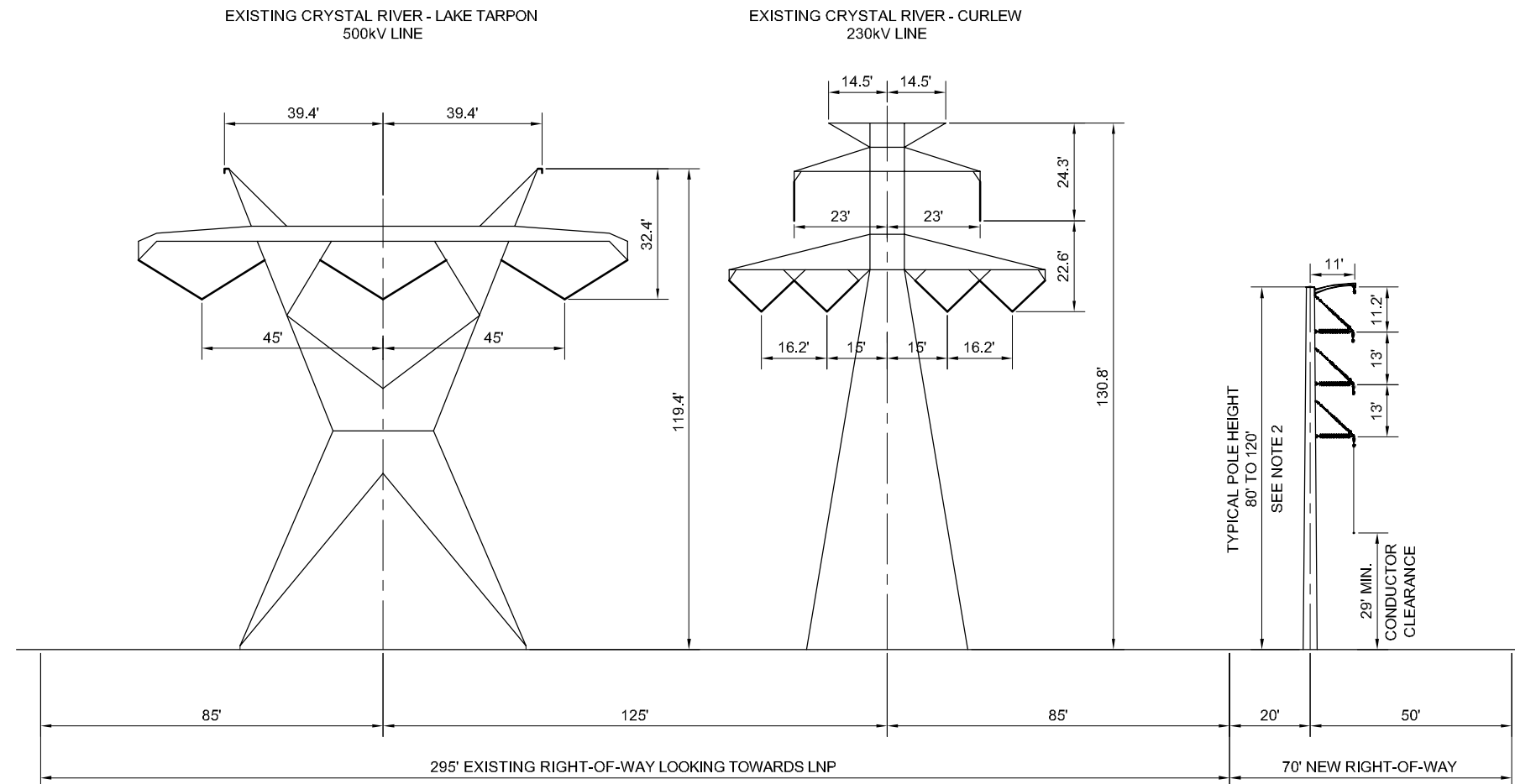
Progress Energy Florida

**Levy Nuclear Plant
Units 1 and 2
Site Certification Application**

Typical Tangent Monopole Structure
Parallel to Road
on New Right-of-Way

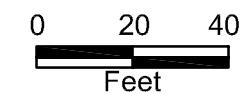
FIGURE 9-A6.2-2

Rev 0



NOTE:

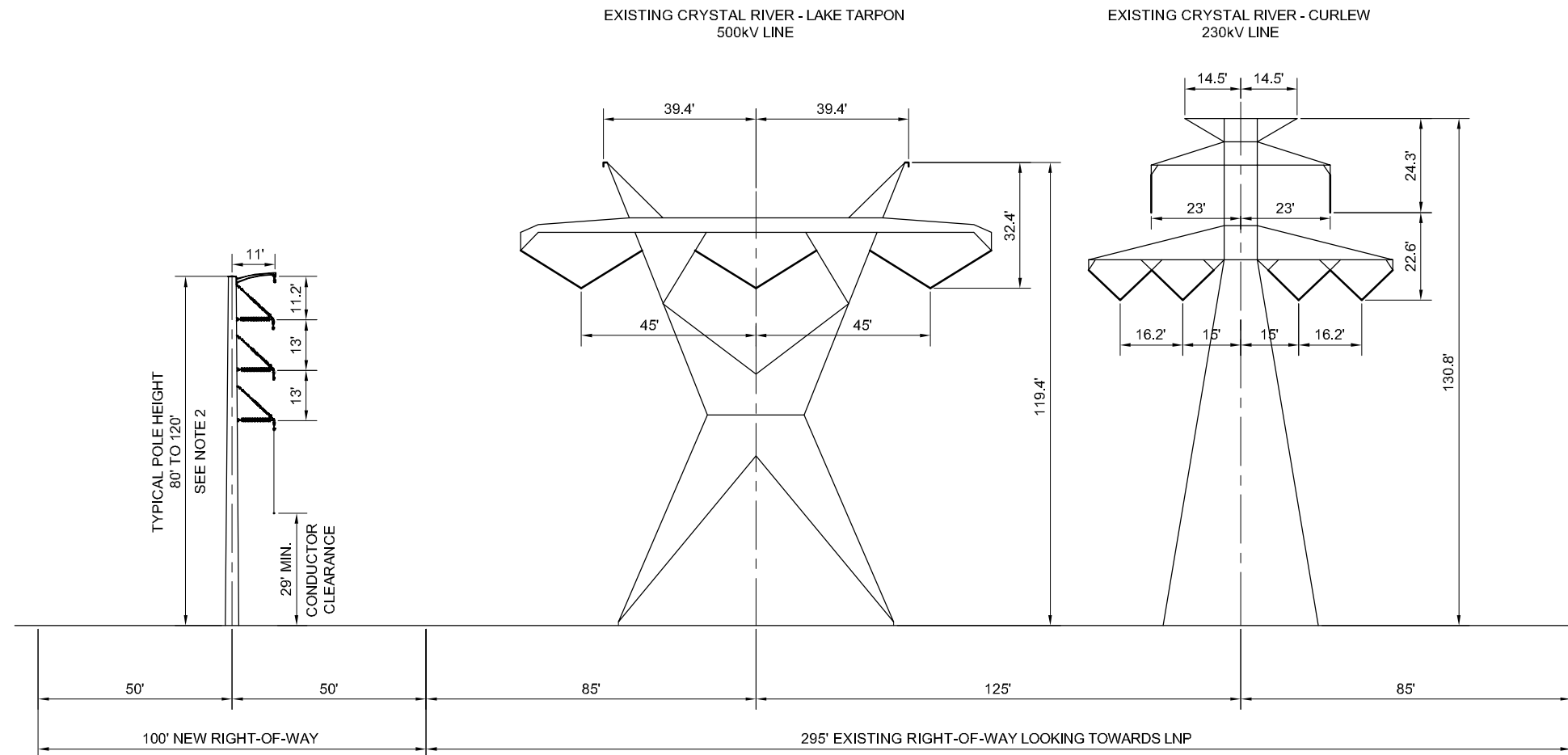
1. TYPICAL PIER FOUNDATION TO BE 6' TO 9' IN DIAMETER.
2. PROPOSED 230kV STRUCTURES SPOTTED AT A TYPICAL SPAN OF APPROXIMATELY 600'.



Progress Energy Florida
Levy Nuclear Plant
Units 1 and 2
Site Certification Application

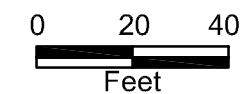
Typical Tangent Monopole Structure Parallel (Right) to
Existing PEF 230/500kV Right-of-Way
FIGURE 9-A6.2-3

Rev 0



NOTE:

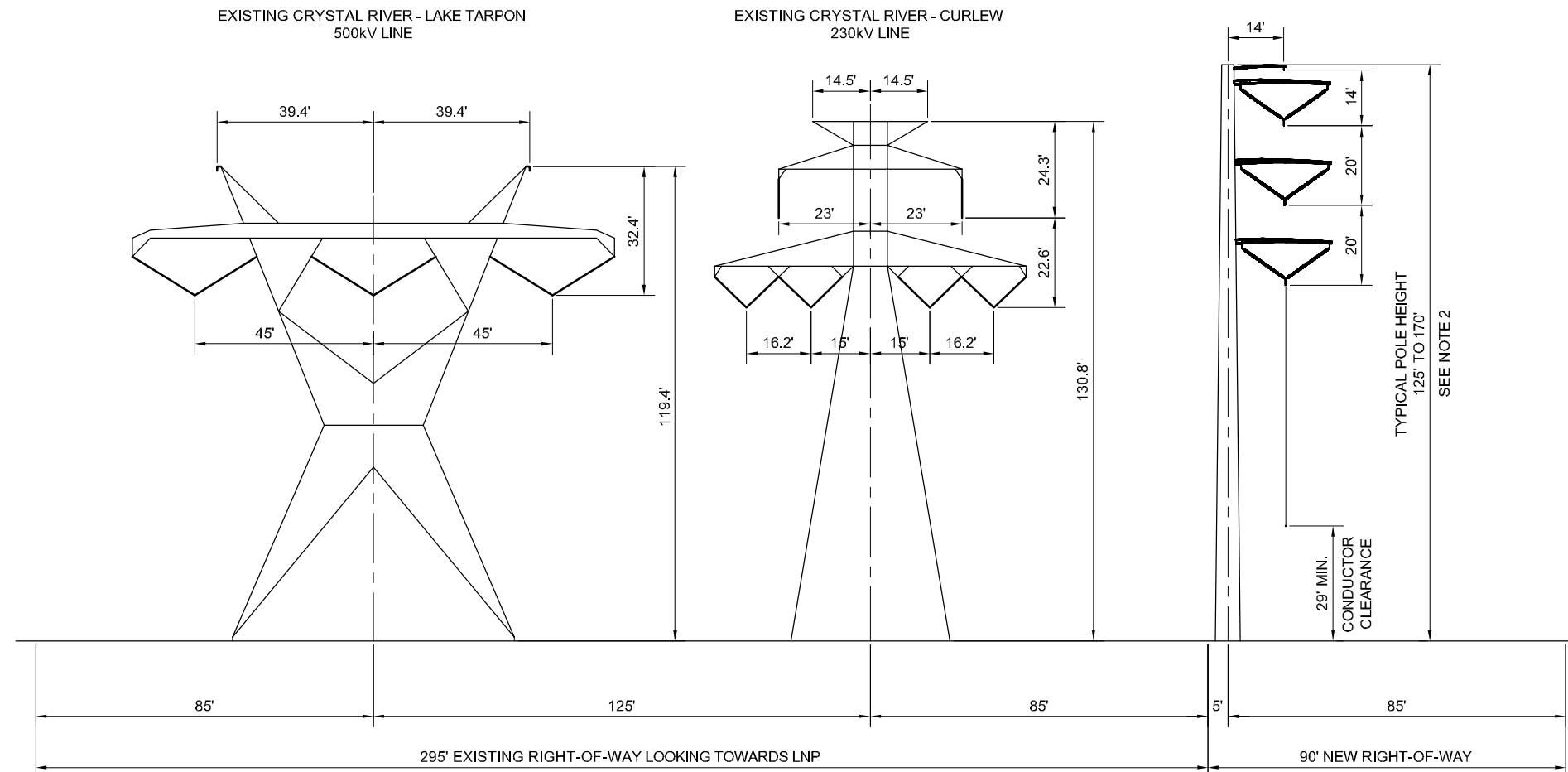
1. TYPICAL PIER FOUNDATION TO BE 6' TO 9' IN DIAMETER.
2. PROPOSED 230kV STRUCTURES SPOTTED AT A TYPICAL SPAN OF APPROXIMATELY 600'.



Progress Energy Florida
Levy Nuclear Plant
Units 1 and 2
Site Certification Application

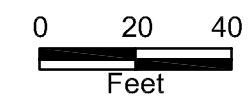
Typical Tangent Monopole Structure Parallel (Left) to
Existing PEF 230/500kV Right-of-Way
FIGURE 9-A6.2-4

Rev 0



NOTE:

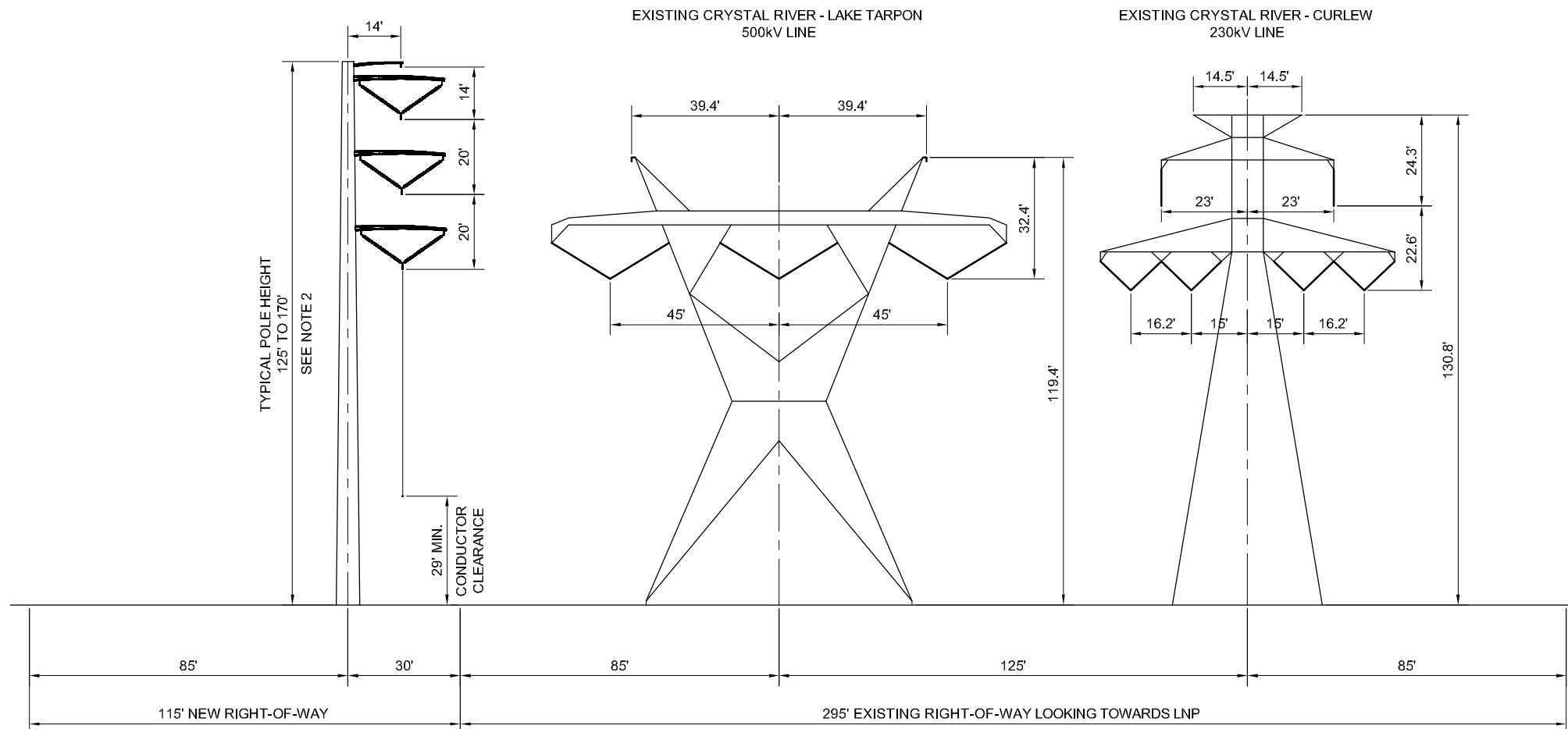
1. TYPICAL PIER FOUNDATION TO BE 8' TO 11' IN DIAMETER.
2. PROPOSED 230kV STRUCTURES SPOTTED AT THE LOCATION OF EXISTING TOWERS AT A TYPICAL SPAN OF APPROXIMATELY 1300'.



Progress Energy Florida
**Levy Nuclear Plant
Units 1 and 2
Site Certification Application**

Typical Tangent V-String Monopole Structure Parallel (Right)
to Existing PEF 230/500kV Right-of-Way
FIGURE 9-A6.2-5

Rev 0



NOTE:

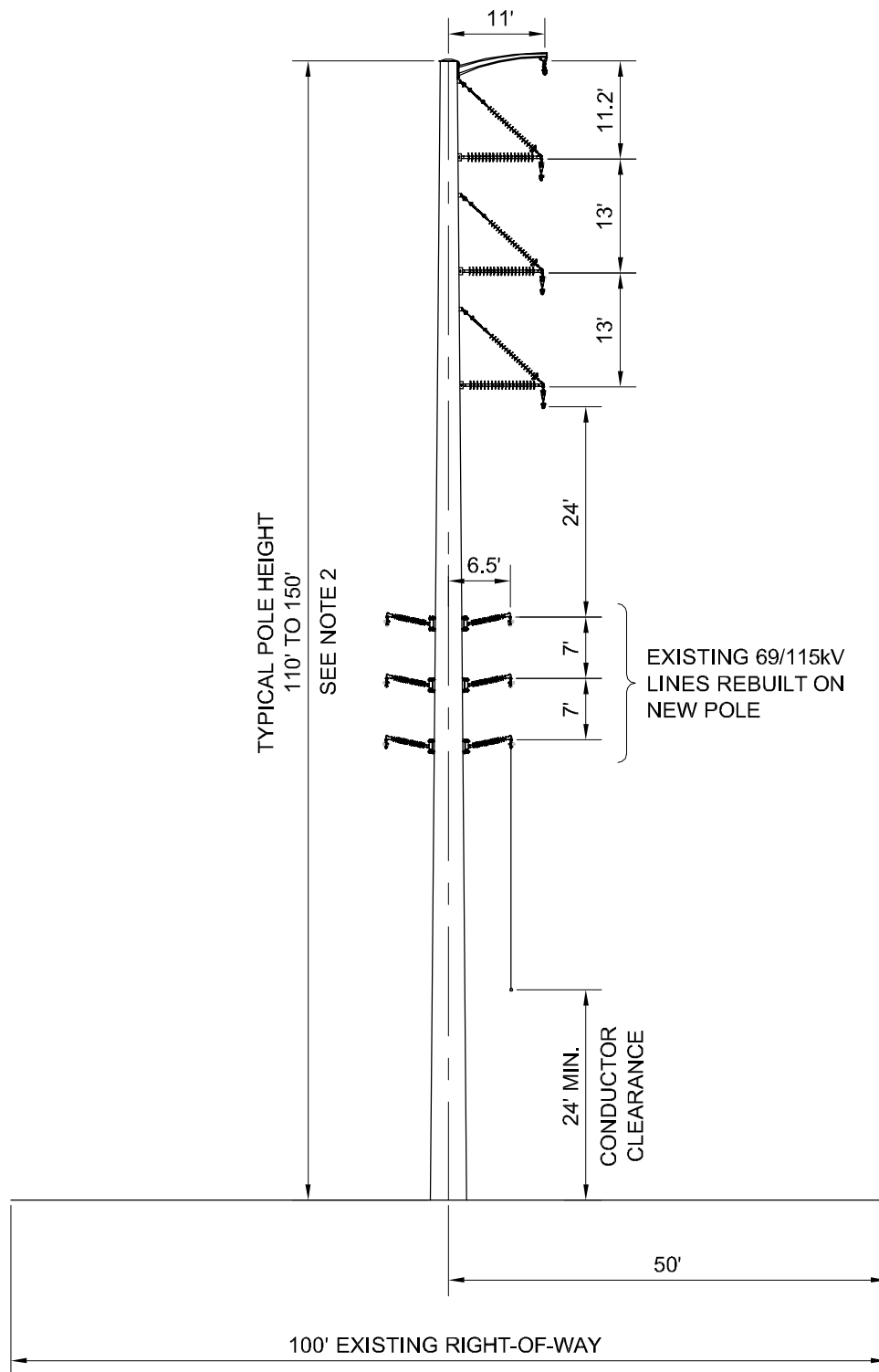
1. TYPICAL PIER FOUNDATION TO BE 8" TO 11" IN DIAMETER.
2. PROPOSED 230kV STRUCTURES SPOTTED AT THE LOCATION OF EXISTING TOWERS AT A TYPICAL SPAN OF APPROXIMATELY 1300'.



Progress Energy Florida
**Levy Nuclear Plant
Units 1 and 2
Site Certification Application**

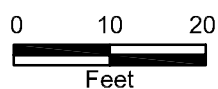
Typical Tangent V-String Monopole Structure Parallel (Left)
to Existing PEF 230/500kV Right-of-Way
FIGURE 9-A6.2-6

Rev 0



NOTE:

1. TYPICAL PIER FOUNDATION TO BE 6' TO 10' IN DIAMETER.
2. PROPOSED 230kV STRUCTURES SPOTTED AT A TYPICAL SPAN OF APPROXIMATELY 600'.



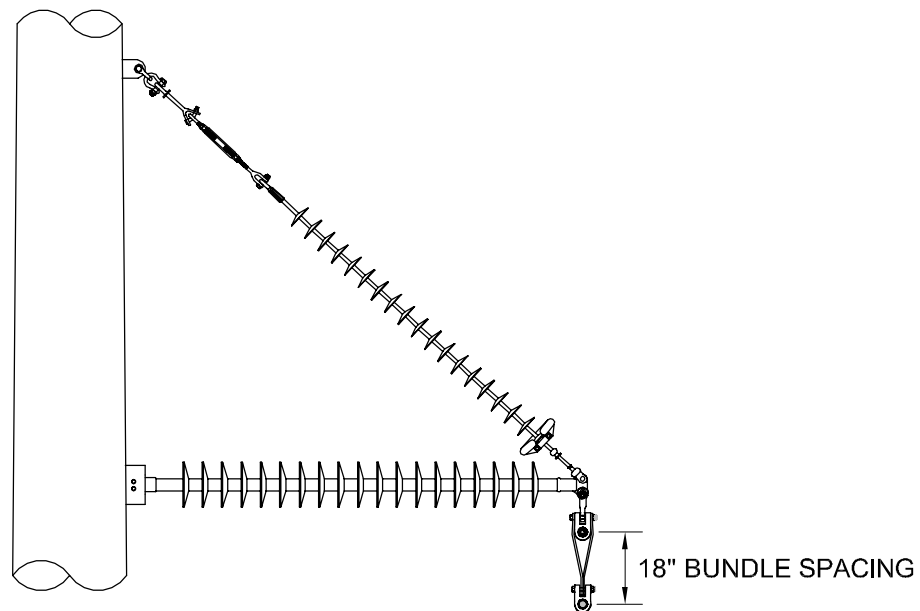
Progress Energy Florida

**Levy Nuclear Plant
Units 1 and 2
Site Certification Application**

Typical Tangent
Monopole Structure
on Existing PEF 100' Right-of-Way

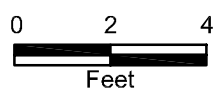
FIGURE 9-A6.2-7

Rev 0



NOTE:

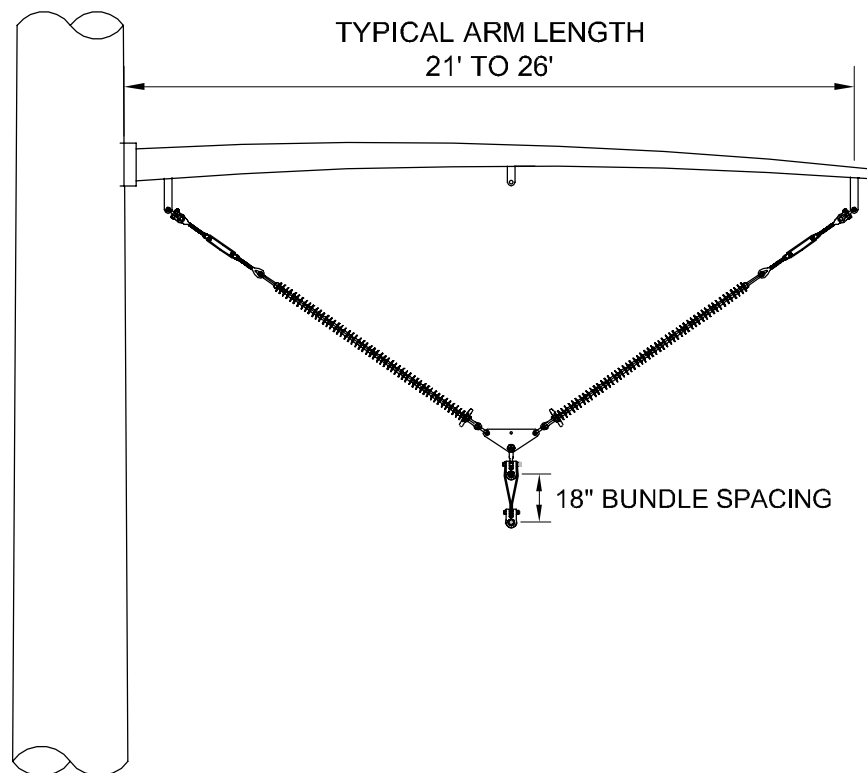
1. TYPICAL INSULATOR ASSEMBLY SHOWN, OTHERS WILL BE REQUIRED BASED ON STRENGTH REQUIREMENTS.



Progress Energy Florida
Levy Nuclear Plant
Units 1 and 2
Site Certification Application

Typical 230kV Tangent
 Braced Post
 Insulator Assembly
 FIGURE 9-A6.2-8

Rev 0



NOTE:

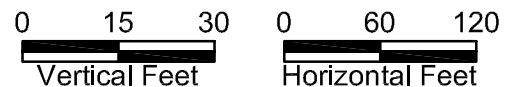
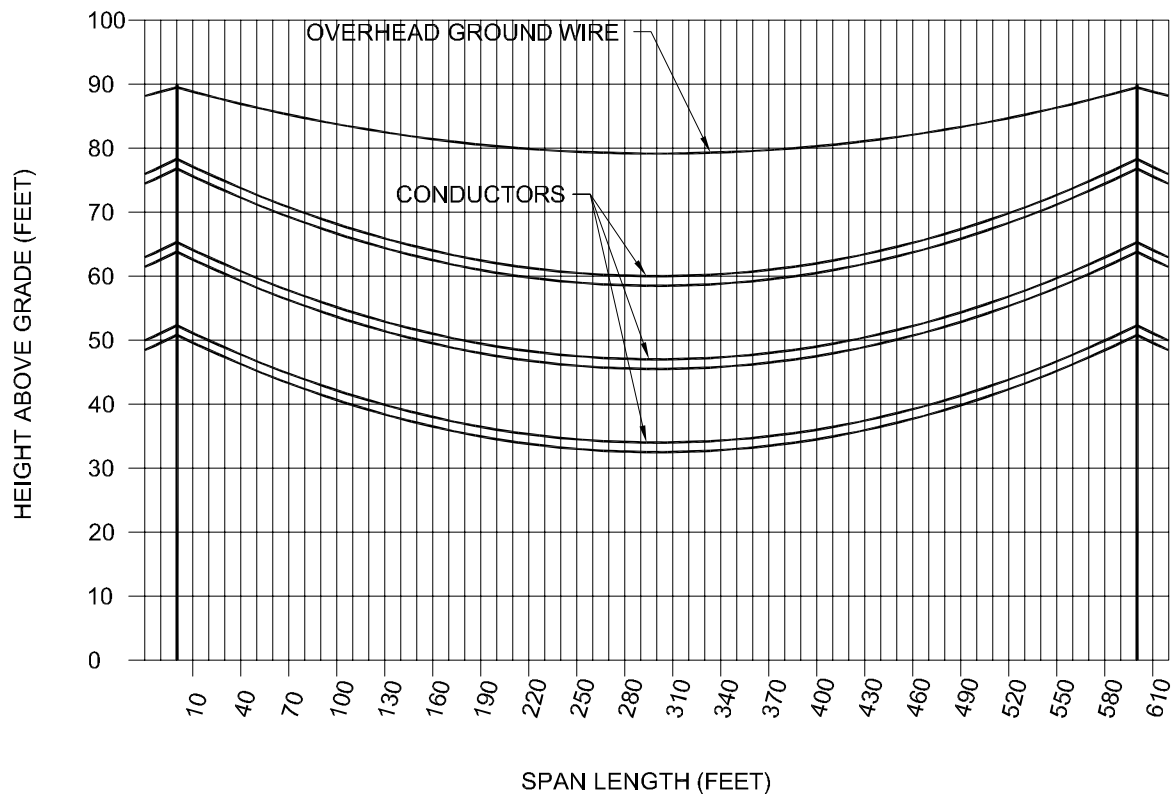
1. TYPICAL INSULATOR ASSEMBLY SHOWN, OTHERS WILL BE REQUIRED BASED ON STRENGTH REQUIREMENTS.



Progress Energy Florida
Levy Nuclear Plant
Units 1 and 2
Site Certification Application

Typical 230kV Tangent
V-String
Insulator Assembly
FIGURE 9-A6.2-9

Rev 0



NOTES:

1. THIS PROFILE ASSUMES A SPAN LENGTH OF 600' AND POLE HEIGHTS 90' ABOVE GRADE. MIDSPAN CLEARANCES ALONG THE LINE WILL VARY DEPENDING ON POLE HEIGHTS AND SPAN LENGTHS BETWEEN STRUCTURES.
2. CONDUCTORS SHOWN AT MAXIMUM CONDUCTOR DESIGN TEMPERATURE OF 392° F (200° C).
3. OVERHEAD GROUND WIRE SHOWN AT MAXIMUM CONDUCTOR DESIGN TEMPERATURE OF 120° F (49° C).

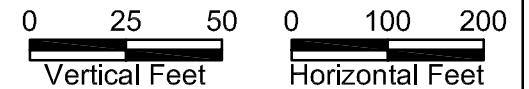
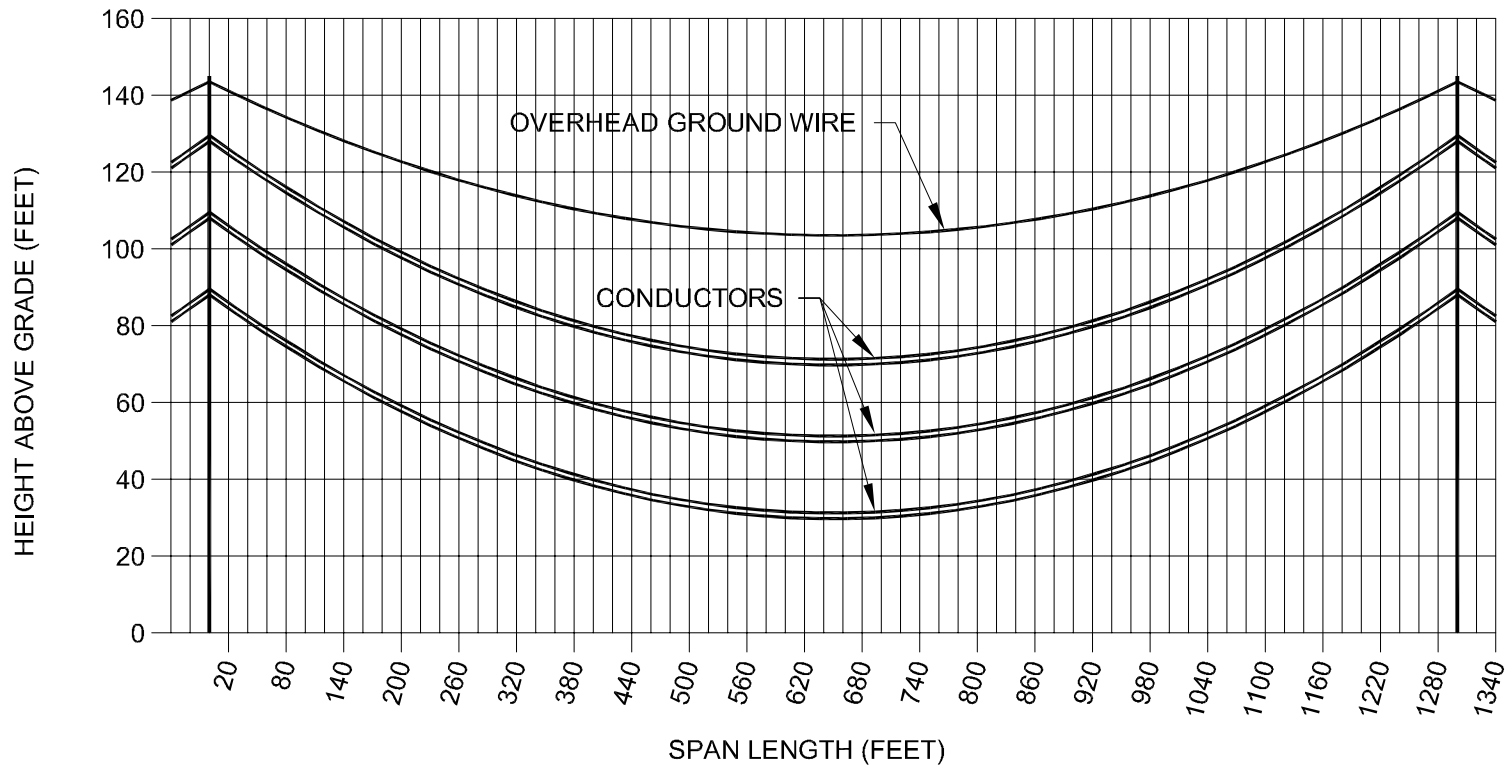
Progress Energy Florida

Levy Nuclear Plant Units 1 and 2 Site Certification Application

Conductor Profile
for Typical Tangent Braced Post
Monopole Structure

FIGURE 9-A6.2-10

Rev 0

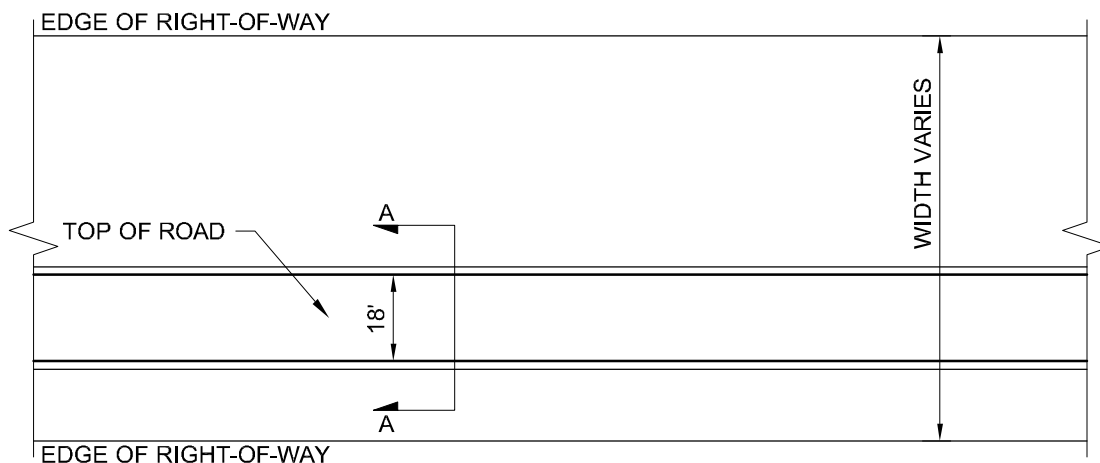
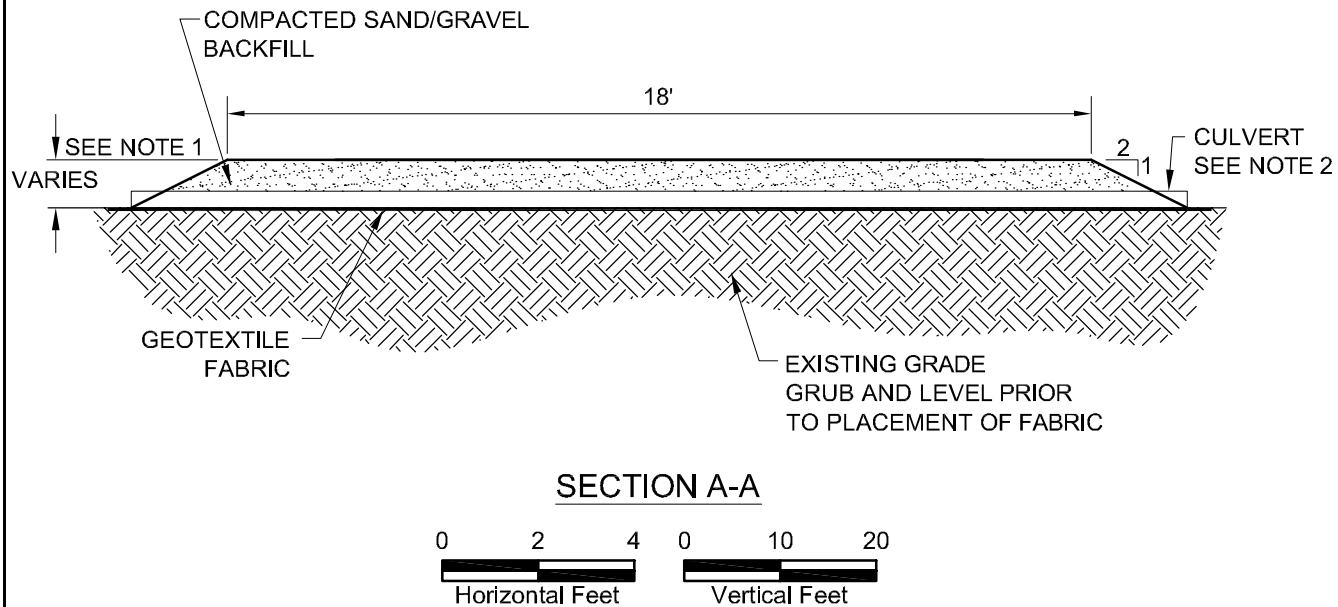


NOTES:

1. THIS PROFILE ASSUMES A SPAN LENGTH OF 1300' AND POLE HEIGHTS 145' ABOVE GRADE. MIDSPAN CLEARANCES ALONG THE LINE WILL VARY DEPENDING ON POLE HEIGHTS AND SPAN LENGTHS BETWEEN STRUCTURES.
2. CONDUCTORS SHOWN AT MAXIMUM CONDUCTOR DESIGN TEMPERATURE OF 392° F (200° C).
3. OVERHEAD GROUND WIRE SHOWN AT MAXIMUM CONDUCTOR DESIGN TEMPERATURE OF 120° F (49° C).

Progress Energy Florida
Levy Nuclear Plant
Units 1 and 2
Site Certification Application

Conductor Profile
 for Typical Tangent V-String
 Monopole Structure
 FIGURE 9-A6.2-11 Rev 0



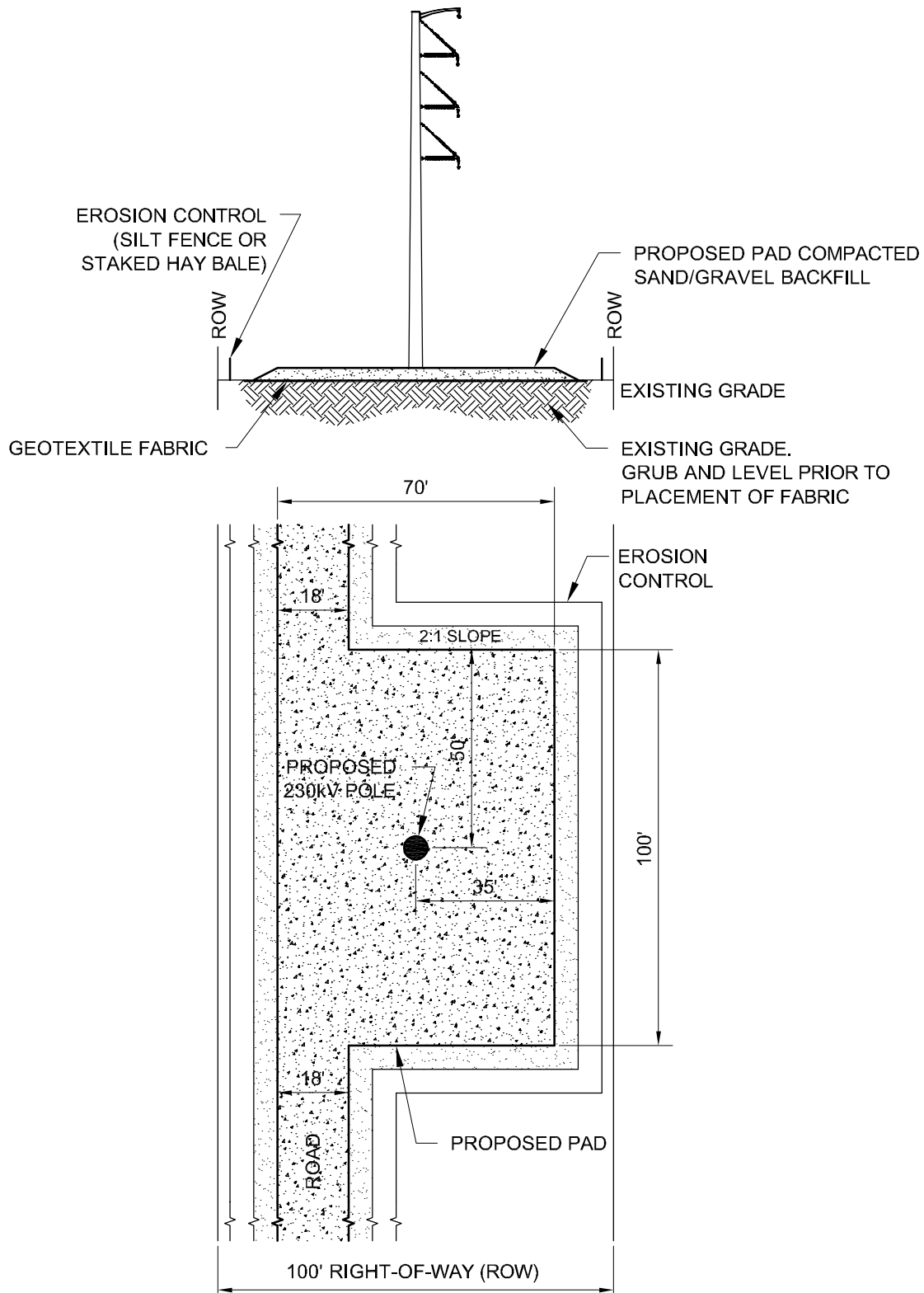
NOTES:

1. TOP OF ROAD & PAD SET UP TO 2 FEET ABOVE SEASONAL HIGH WATER LINE.
2. ADD CULVERTS AS REQUIRED TO MAINTAIN FLOW. A MINIMUM OF 2 FEET OF COVER IS REQUIRED OVER CULVERTS.

Progress Energy Florida
**Levy Nuclear Plant
Units 1 and 2
Site Certification Application**

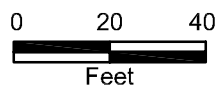
Typical Access Road

FIGURE 9-A6.2-12 Rev 0



NOTES:

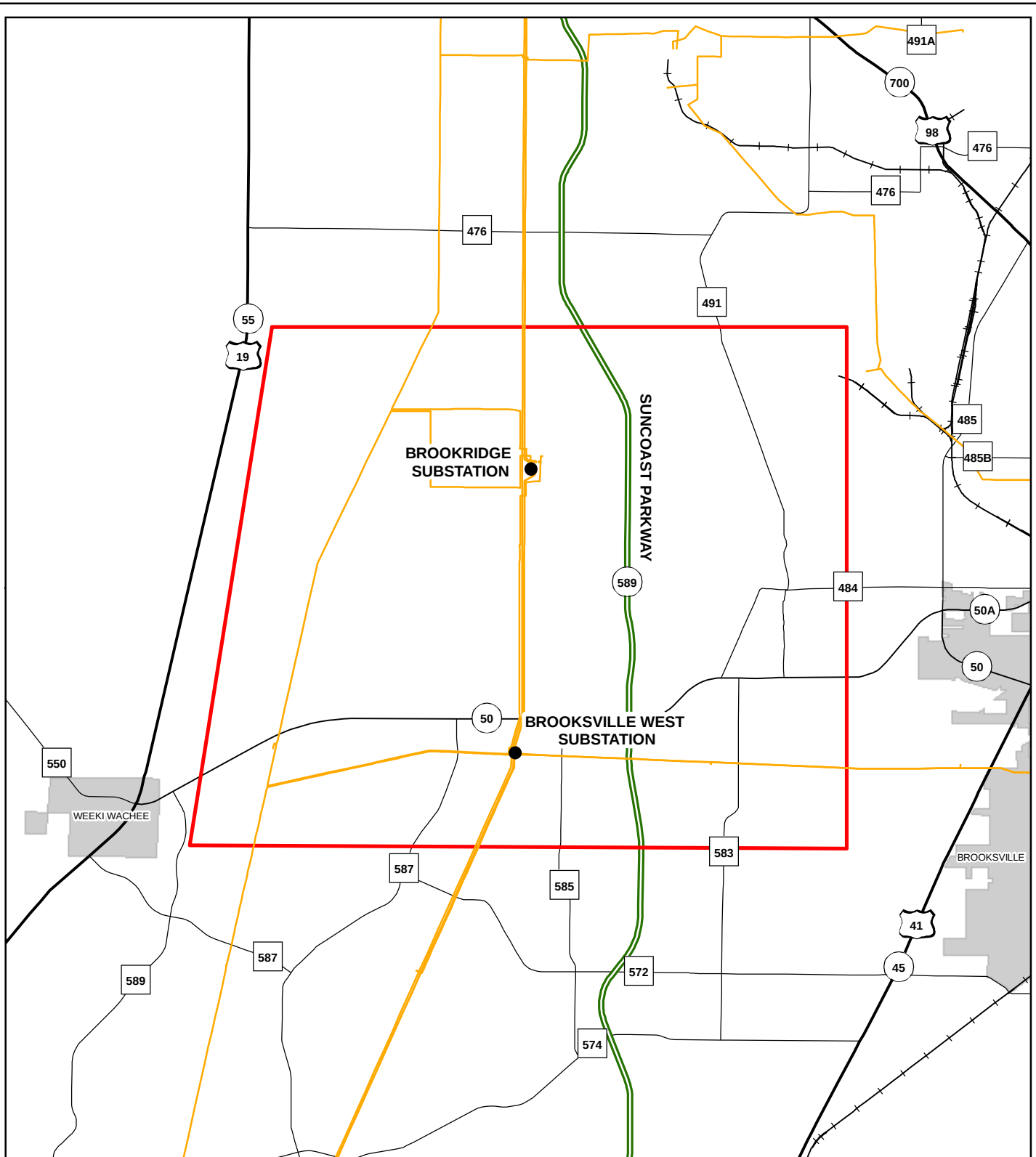
1. TOP OF ROAD & PAD SET UP TO 2 FEET ABOVE SEASONAL HIGH WATER LINE.
2. ADD CULVERTS AS REQUIRED TO MAINTAIN FLOW. A MINIMUM OF 2 FEET OF COVER IS REQUIRED OVER CULVERTS.



Progress Energy Florida
**Levy Nuclear Plant
 Units 1 and 2
 Site Certification Application**

Typical Access Road and
 Structure Pad

FIGURE 9-A6.2-13 Rev 0



LEGEND

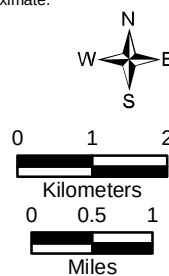
- Substations
- Existing Progress Energy Florida Transmission Lines
- Interstate
- Toll Road
- US Road
- State Road
- County Road
- Railroad
- StudyArea
- Municipalities
- Florida County Boundaries

Note

Please note that the municipal boundaries are approximate.

Sources

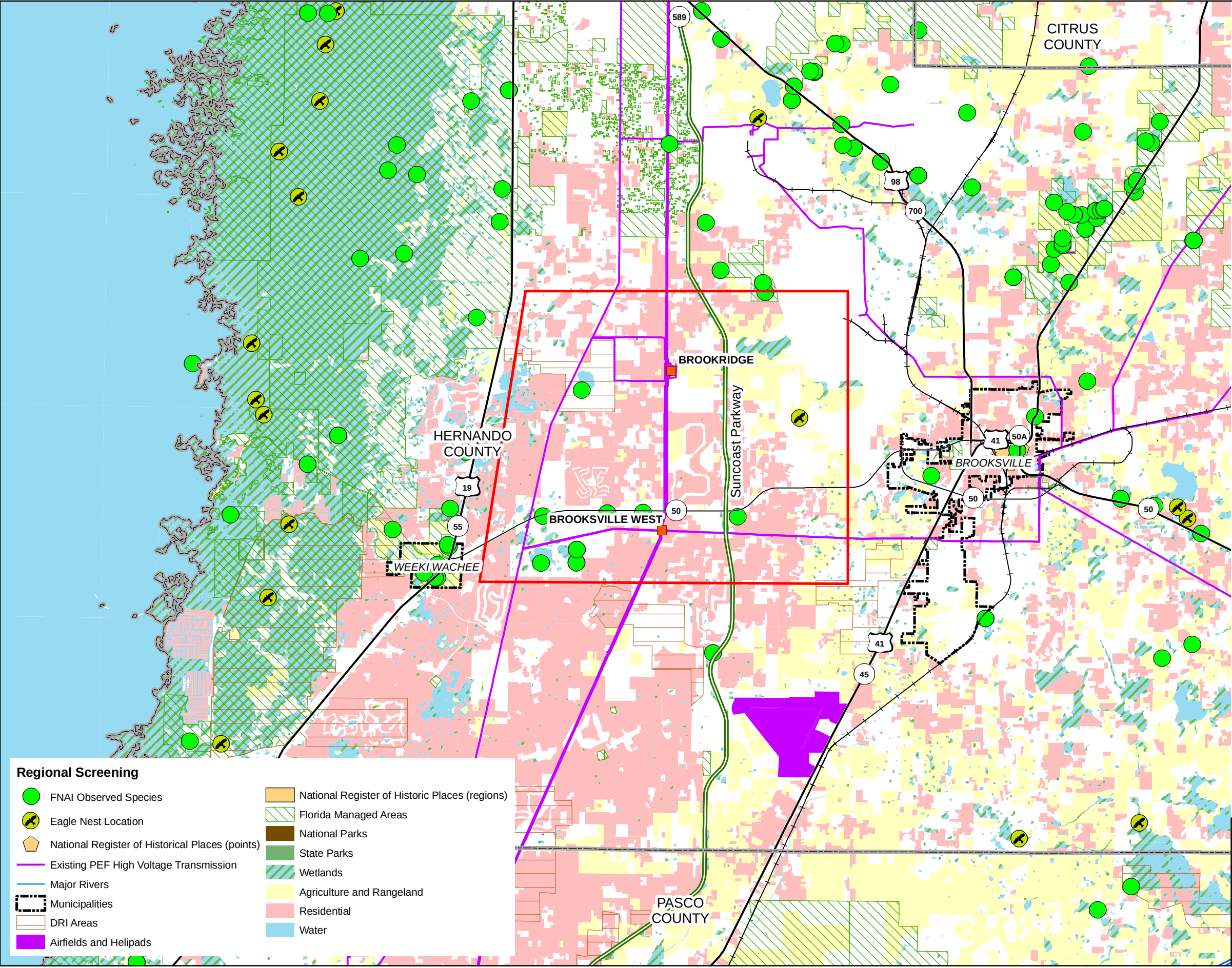
Substations, Existing Progress Energy Florida Transmission Lines - Progress Energy Florida, 2008
 Study Area - Golder Associates Inc. & Progress Energy Florida, 2008
 All Roads - Florida Department of Transportation, 2008
 Railroads - Florida Department of Environmental Protection, 1992
 Municipalities - University of Florida Geoplan Center, 2005 with Golder update, 2008



Progress Energy Florida Levy Nuclear Plant Units 1 and 2 Site Certification Application

BBW
 Study Area
 FIGURE 9-A6.3-1

Rev 0



LEGEND

- Substations
- Interstate
- Toll Roads
- US Roads
- State Roads
- Railroad
- Study area
- County boundary

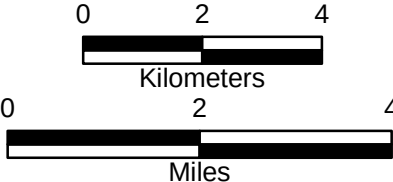


Note

1. Please note that municipality boundaries are approximate

Sources

Substations, Proposed Levy Nuclear Power Plant, and Existing Transmission: Progress Energy Florida, 2008
Florida County Boundaries: US Census Bureau, 2003
Roads: Florida Department of Transportation, 2008
Study Area & General Areas of Proposed Substations: Golder Associates Inc. & Progress Energy Florida, 2008
Railroads: Florida Geographic Data Library, 1992
National Register of Historic Places: National Park Service, 2007
Airfields, Rivers, Florida Managed Areas, DRIs, and National/State Parks: Florida Geographic Data Library, 2007
FNAI Observed Species: Florida Natural Areas Inventory, 2008
Eagle Nest Locations: FNAI, FFWCC, and Golder observation; 2007
Municipalities: University of Florida GeoPlan Center, 2005 with Golder update 2008
Florida Land Use, Cover & Forms Classification System: SWFWMD 2005, SJRWMD 2004



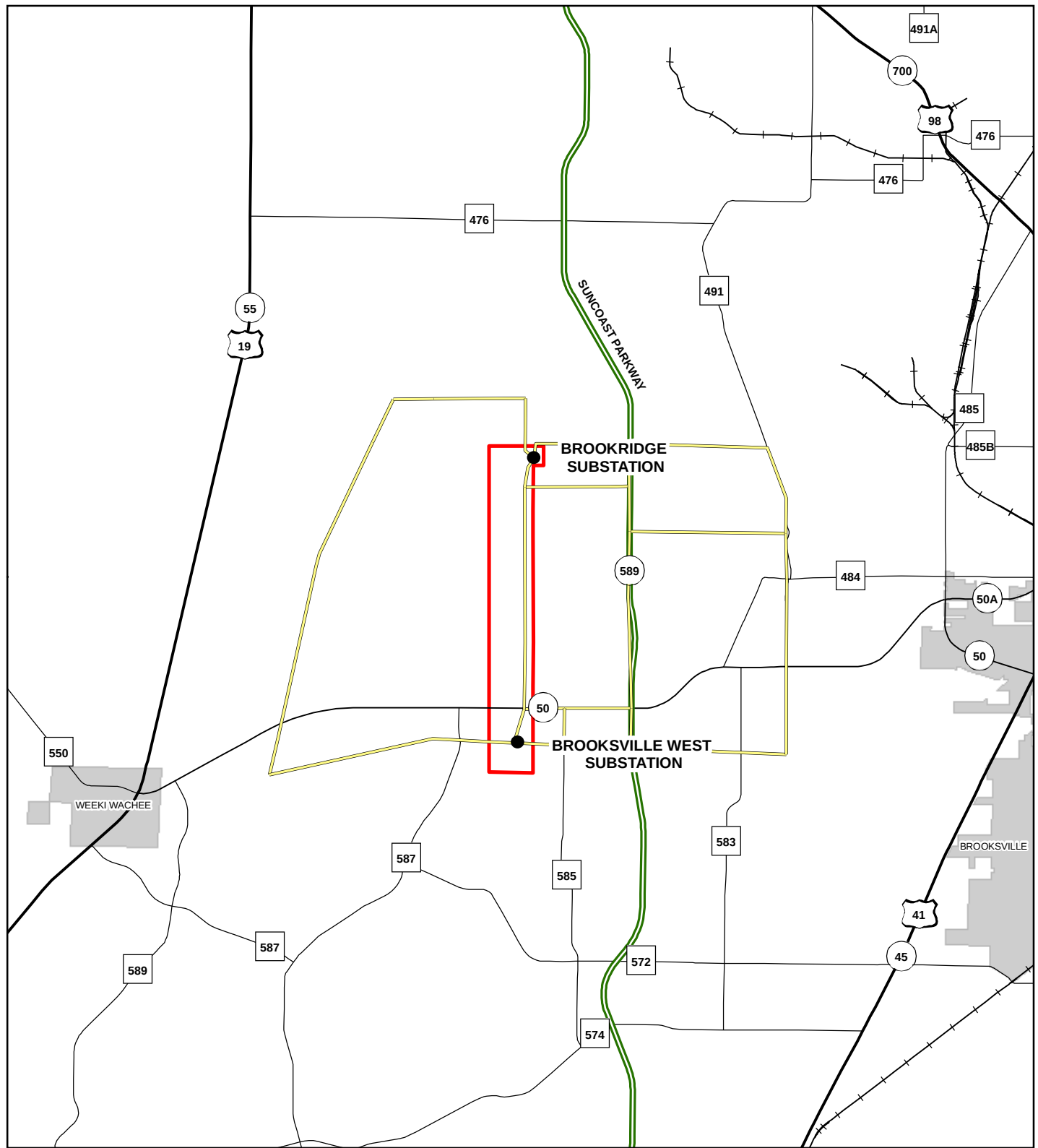
Progress Energy Florida

**Levy Nuclear Plant
Units 1 and 2
Site Certification Application**

BBW
Regional Screening
FIGURE 9-A6.3-2

Rev 0

Rev 0

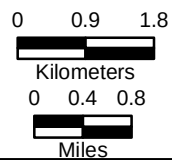


LEGEND

- Substations
- Candidate Corridors
- Approximate Centerline
- Interstate
- Toll Road
- US Road
- State Road
- County Road
- Railroad
- Corridor Boundary
- Municipalities
- Florida County Boundaries

Note

Please note that the municipal boundaries are approximate.



Sources

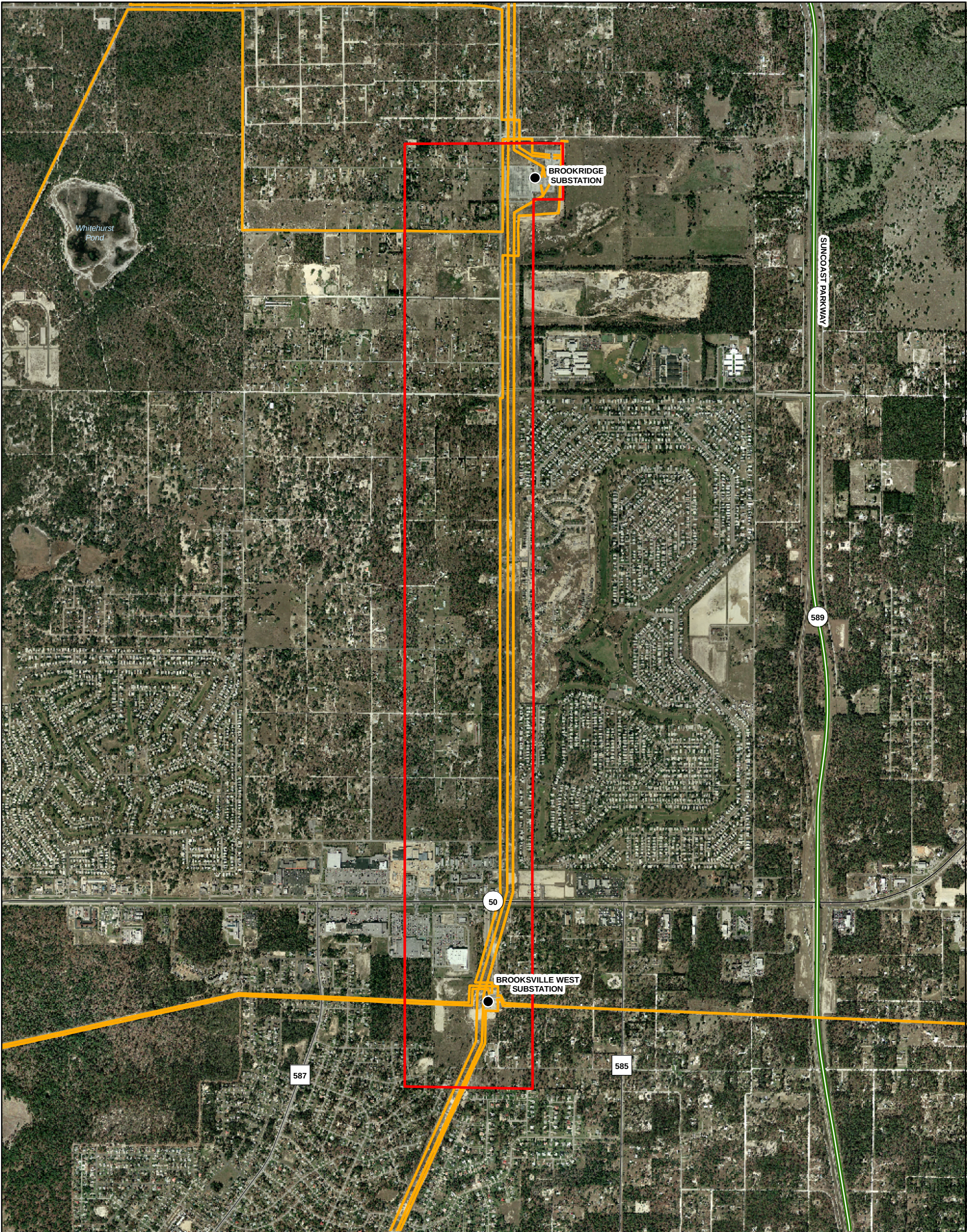
Substations - Progress Energy Florida, 2008
 Candidate Corridors & Corridors - Golder Associates Inc. & Progress Energy Florida, 2008
 All Roads - Florida Department of Transportation, 2008
 Municipalities - University of Florida Geoplan Center, 2005 with Golder update, 2008
 Railroads - Florida Department of Environmental Protection, 1992

Progress Energy Florida

**Levy Nuclear Plant
 Units 1 and 2
 Site Certification Application**

BBW
 Corridor & Candidate Corridors
 FIGURE 9-A6.3-4

Rev 0



LEGEND

- Substations
- Corridor Boundary
- Existing Progress Energy Florida Transmission Lines
- Toll Road
- US Road
- State Road
- County Road
- Florida County Boundaries

Sources

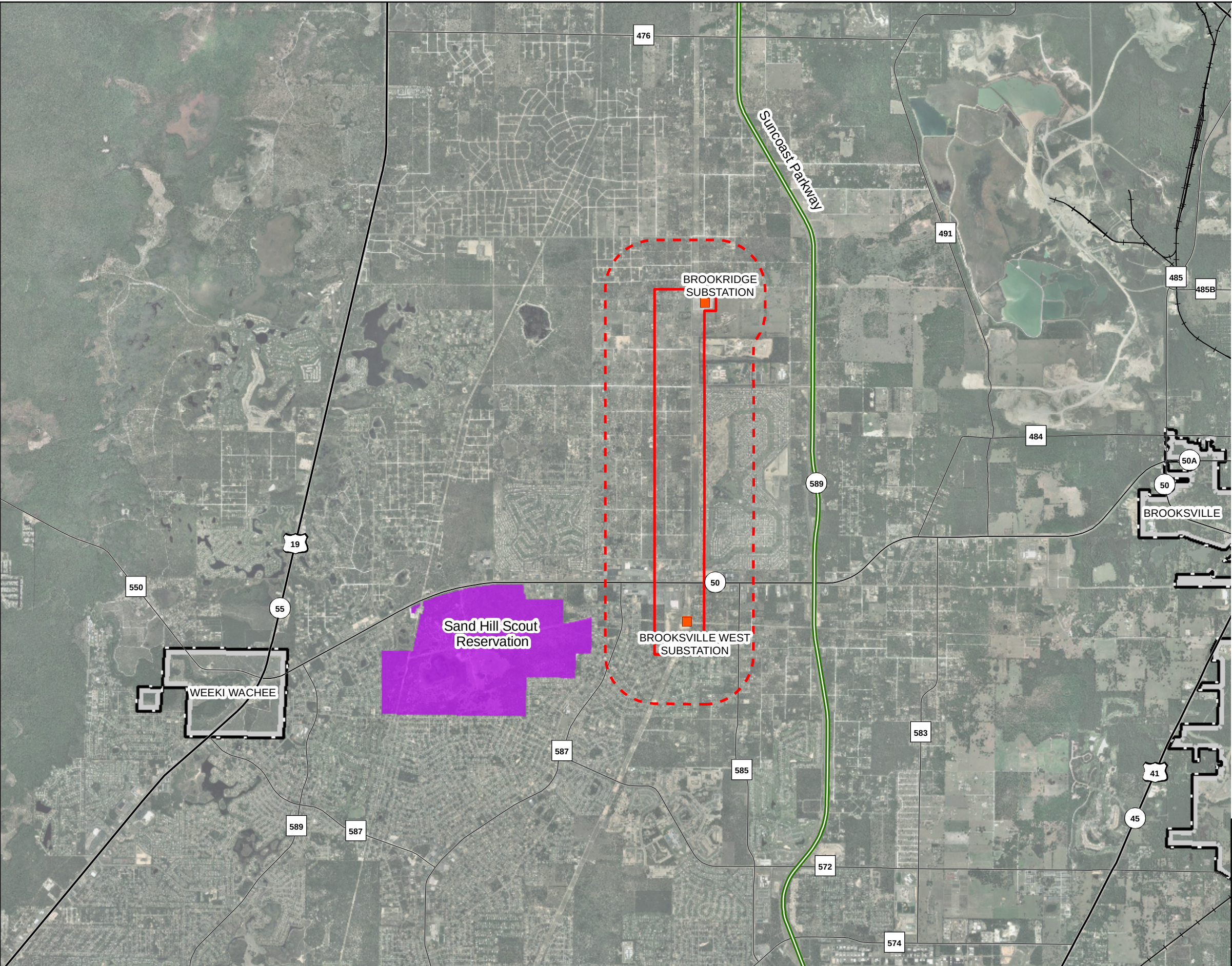
Substations & Existing Progress Energy Florida Transmission Lines - Progress Energy Florida, 2008
Corridors - Golder Associates Inc. & Progress Energy Florida, 2008
Florida County Boundaries - US Census Bureau, 2003
All Roads - Florida Department of Transportation, 2008
Aerial - 2007 Aerials Express

Note

Please note that the municipal boundaries are approximate.

Progress Energy Florida
**Levy Nuclear Plant
Units 1 and 2
Site Certification Application**

BBW
Corridor
FIGURE 9-A6.3-5



LEGEND

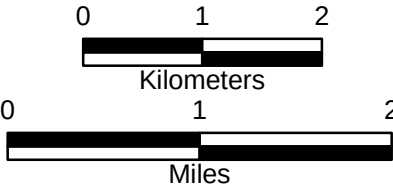
- Substations
- Interstate
- Toll Roads
- US Roads
- State Roads
- County Roads
- Railroad
- Corridor Boundary
- Corridor 0.5-mile Buffer
- Sand Hill Scout Reservation
- Municipalities

Note

1. Please note that the municipality boundaries are approximate.

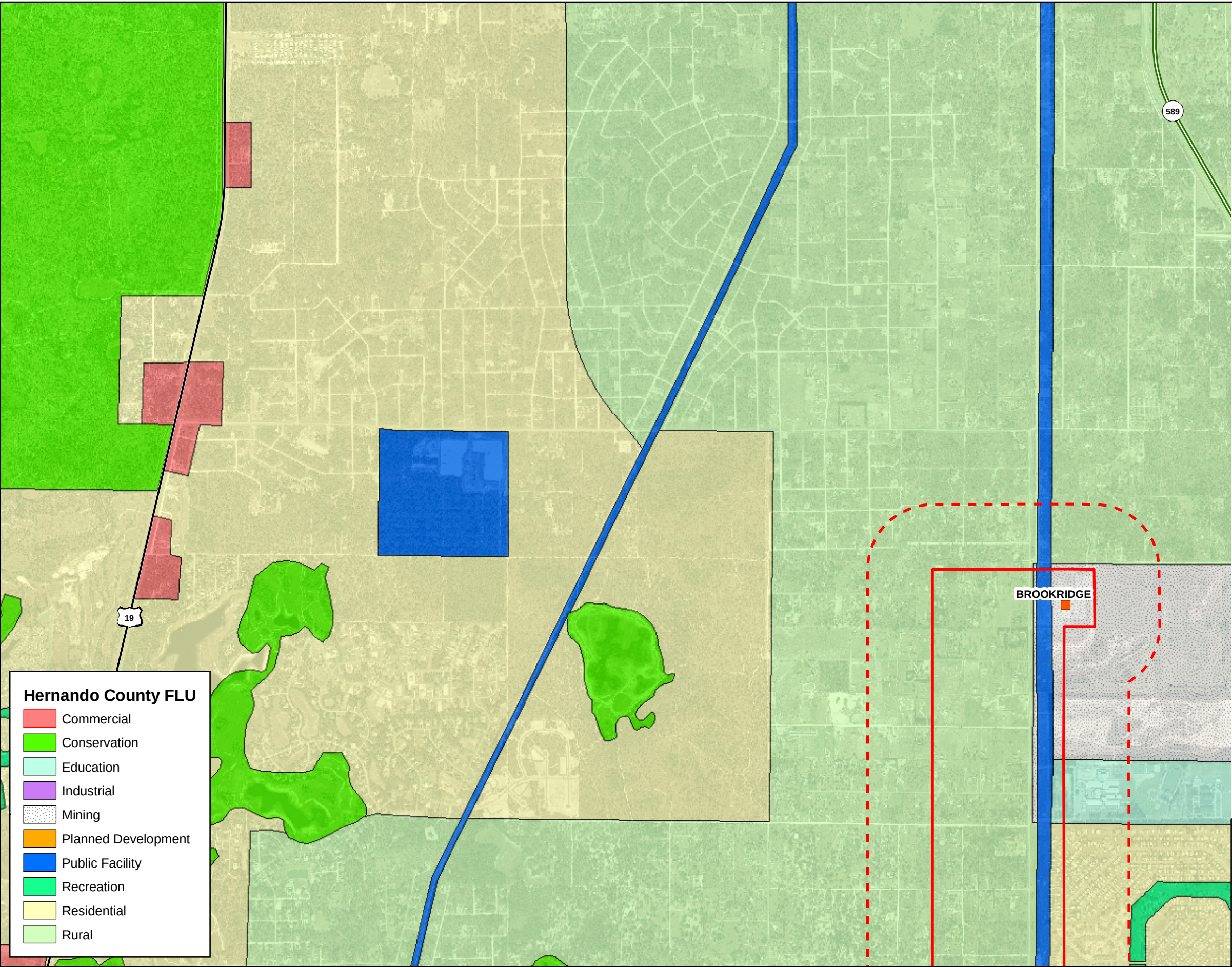
Sources

Substations: Progress Energy Florida, 2008
Roads: Florida Department of Transportation, 2008
Corridors: Golder Associates Inc. & Progress Energy Florida, 2008
Railroads: Florida Geographic Data Library, 1992
Florida Managed Areas and Parks: Florida Geographic Data Library, 2007
Municipalities: University of Florida GeoPlan Center, 2005 with Golder update 2008
Sand Hill Scout Reservation: Hernando County Property Appraiser parcel data, 2007



Progress Energy Florida
**Levy Nuclear Plant
Units 1 and 2
Site Certification Application**

BBW
Governmental Jurisdictions
FIGURE 9-A6.3-6



Hernando County FLU

- Commercial
- Conservation
- Education
- Industrial
- Mining
- Planned Development
- Public Facility
- Recreation
- Residential
- Rural

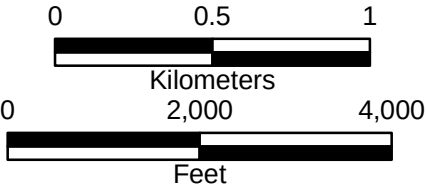
LEGEND

- Substations
- Interstate
- Toll Roads
- US Roads
- State Roads
- County Roads
- Railroad
- Corridor Boundary
- Corridor Boundary 0.25-mile Buffer

MAP KEY

Sources

Substations: Progress Energy Florida, 2007
 Future Land Use: Hernando County Planning Department, 2008
 Aerials: Aerials Express, 2007
 Roads: Florida Department of Transportation, 2007
 Corridors & General Areas of Proposed Substations: Golder Associates Inc. & Progress Energy Florida, 2008
 Railroads: Florida Geographic Data Library, 1992

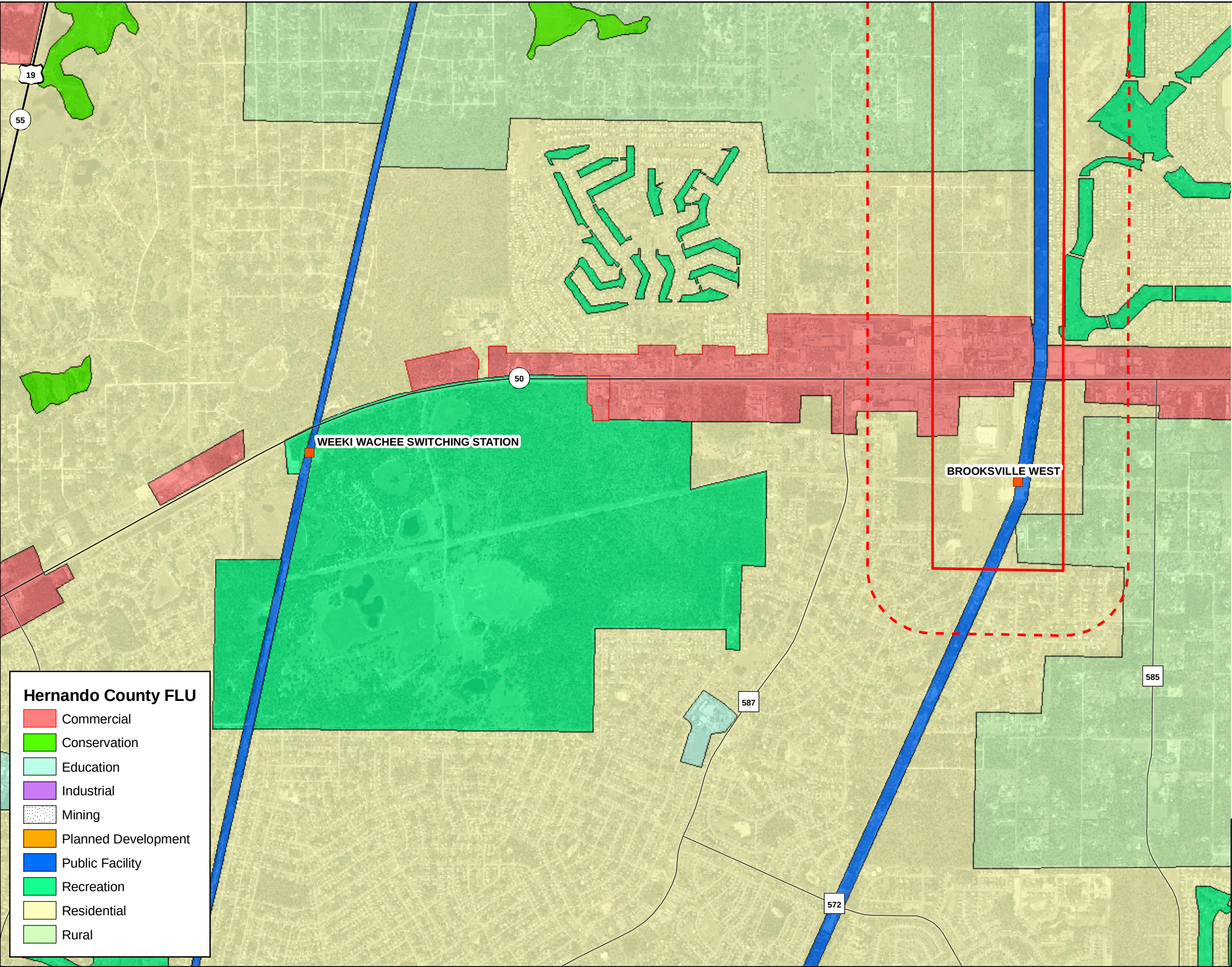


Progress Energy Florida

**Levy Nuclear Plant
Units 1 and 2
Site Certification Application**

BBW
Future Land Use
FIGURE 9-A6.3-7
1 OF 2

Rev 0

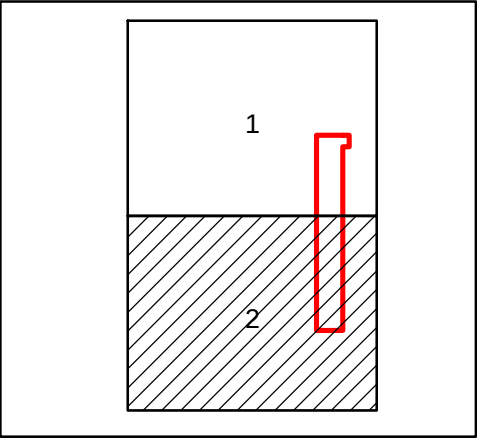


LEGEND

- Substations
- Interstate
- Toll Roads
- US Roads
- State Roads
- County Roads
- Railroad
- Corridor Boundary
- Corridor Boundary 0.25-mile Buffer

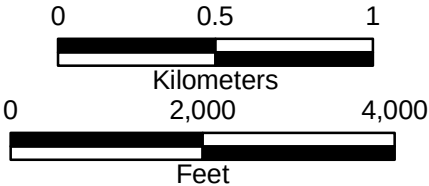


MAP KEY



Sources

Substations: Progress Energy Florida, 2007
Future Land Use: Hernando County Planning Department, 2008
Aerials: Aerials Express, 2007
Roads: Florida Department of Transportation, 2007
Corridors & General Areas of Proposed Substations: Golder Associates Inc. & Progress Energy Florida, 2008
Railroads: Florida Geographic Data Library, 1992



Progress Energy Florida
**Levy Nuclear Plant
Units 1 and 2
Site Certification Application**

BBW
Future Land Use
FIGURE 9-A6.3-7
2 OF 2

Rev 0

Land Use and Land Cover
FLUCCS Level 3

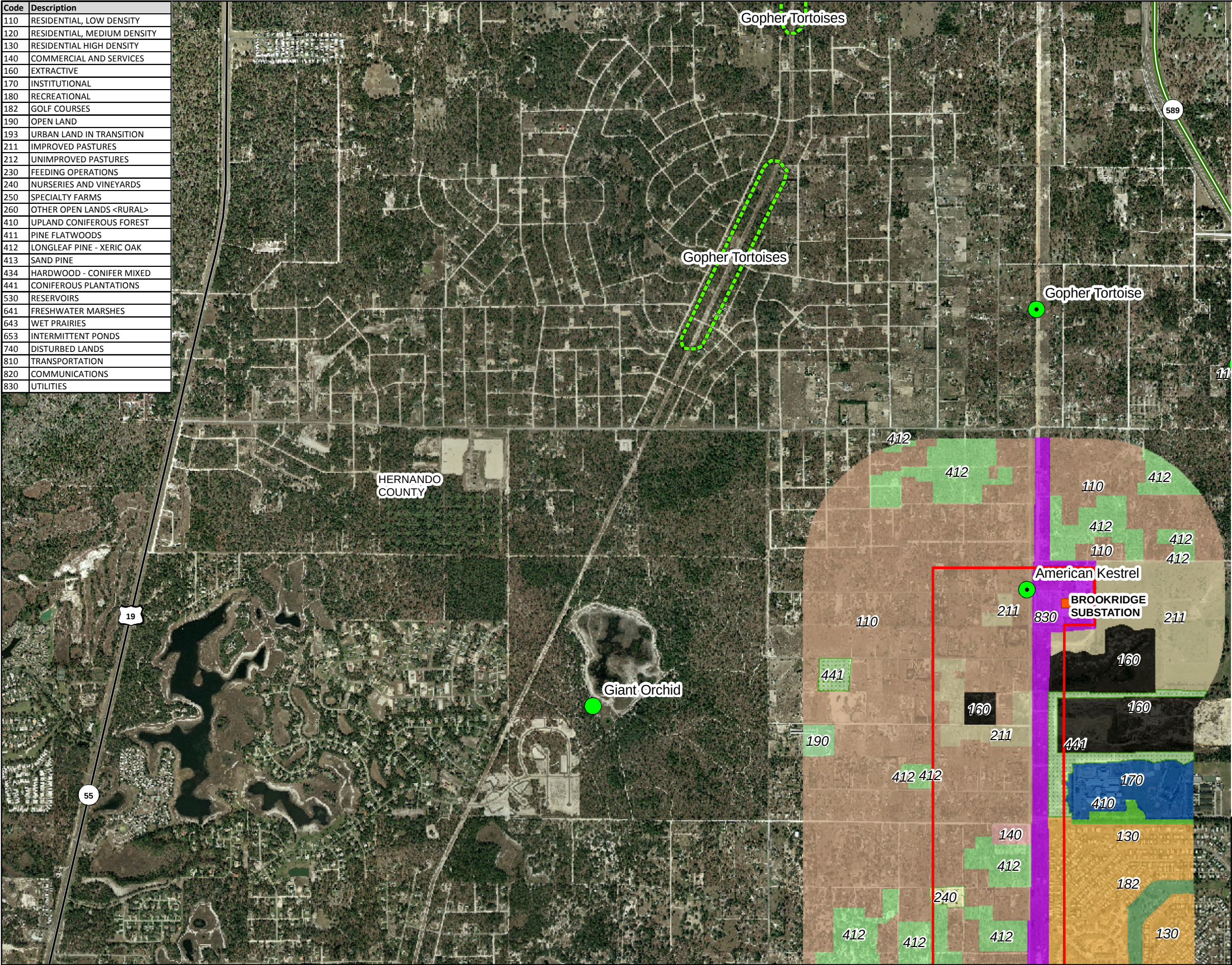
- 110 - Residential, Low Density
- 120 - Residential, Medium Density
- 130 - Residential, High Density
- 139 - High Density Under Construction
- 140 - Commercial
- 147 - Mixed Commercial Services
- 148 - Cemeteries
- 150 - Industrial
- 155 - Other Light Industrial
- 160 - Extractive
- 166 - Holding Pond
- 170 - Institutional
- 180 - Recreational
- 182 - Golf Courses
- 190 - Open Land
- 193 - Urban Land in Transition
- 210 - Cropland and Pastureland
- 211 - Improved Pastures
- 212 - Unimproved Pastures
- 214 - Row Crops
- 215 - Field Crops

- 221 - Citrus Groves
- 222 - Fruit Orchards
- 230 - Feeding Operations
- 240 - Nurseries and Vineyards
- 250 - Specialty Farmes
- 255
- 260 - Other Open Lands (cannot be determined)
- 310 - Herbaceous (Dry Prairie)
- 320 - Shrub and Brushland
- 321 - Palmetto Prairies
- 330 - Mixed Rangeland
- 410 - Upland Coniferous Forests
- 411 - Pine Flatwoods
- 412 - Longleaf Pine - Zeric Oak
- 413 - Sand Pine
- 421 - Xeric Oak
- 424 - Melaleuca
- 427 - Live Oak
- 434 - Hardwood - Conifer Mixed
- 440 - Tree Plantations
- 441 - Coniferous Plantations
- 510 - Streams and Waterways
- 520 - Lakes

- 530 - Reservoirs
- 534 - Reservoirs (less than 10 acres)
- 540 - Bays and Estuaries
- 572 - Gulf of Mexico
- 611 - Bay Swamps
- 615 - Stream and Lake Swamps (Bottomland)
- 617 - Mixed Wetland Hardwoods
- 621 - Cypress
- 630 - Wetland Forested Mixed
- 631 - Wetland Scrub
- 640 - Vegetated Non-Forested Wetlands
- 641 - Freshwater Marshes
- 642 - Saltwater Marshes
- 643 - Wet Prairies
- 653 - Intermittent Ponds
- 740 - Disturbed Lands
- 810 - Transportation
- 814 - Roads and Highways
- 820 - Communications
- 830 - Utilities
- 832 - Electrical Power Transmission Lines
- 833 - Water Supply Plants

Sources
Florida Land Use, Cover & Forms Classification System: SWFWMD 2005, SJRWMD 2004

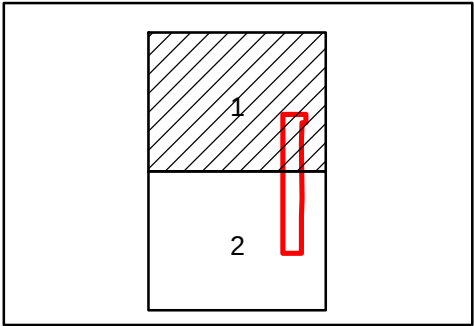
Code	Description
110	RESIDENTIAL, LOW DENSITY
120	RESIDENTIAL, MEDIUM DENSITY
130	RESIDENTIAL HIGH DENSITY
140	COMMERCIAL AND SERVICES
160	EXTRACTIVE
170	INSTITUTIONAL
180	RECREATIONAL
182	GOLF COURSES
190	OPEN LAND
193	URBAN LAND IN TRANSITION
211	IMPROVED PASTURES
212	UNIMPROVED PASTURES
230	FEEDING OPERATIONS
240	NURSERIES AND VINEYARDS
250	SPECIALTY FARMS
260	OTHER OPEN LANDS <RURAL>
410	UPLAND CONIFEROUS FOREST
411	PINE FLATWOODS
412	LONGLEAF PINE - XERIC OAK
413	SAND PINE
434	HARDWOOD - CONIFER MIXED
441	CONIFEROUS PLANTATIONS
530	RESERVOIRS
641	FRESHWATER MARSHES
643	WET PRAIRIES
653	INTERMITTENT PONDS
740	DISTURBED LANDS
810	TRANSPORTATION
820	COMMUNICATIONS
830	UTILITIES



LEGEND

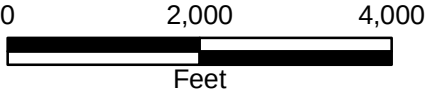
- Substations
- Eagle's Nest
- FNAI Observed Species
- Species Observed by Golder
- Interstate
- Toll Roads
- US Roads
- State Roads
- County Roads
- Railroad
- Corridor Boundary
- County Boundary
- High Density Species Observation by Golder

MAP KEY



Sources

Substations and Existing Transmission: Progress Energy Florida, 2008
Roads: Florida Department of Transportation, 2008
Railroads: Florida Geographic Data Library, 1992
FNAI Observed Species: Florida Natural Areas Inventory, 2008
Eagle's Nest Locations: FNAI, FFWCC, and Golder observation; 2007
Municipalities: University of Florida GeoPlan Center, 2005 with Golder update 2008
Florida Land Use, Cover & Forms Classification System: SWFWMD 2005, SJRWMD 2004
Aerials Imagery: Aerials Express, 2007
Corridor Boundary: Golder Associates Inc. & Progress Energy Florida, 2008

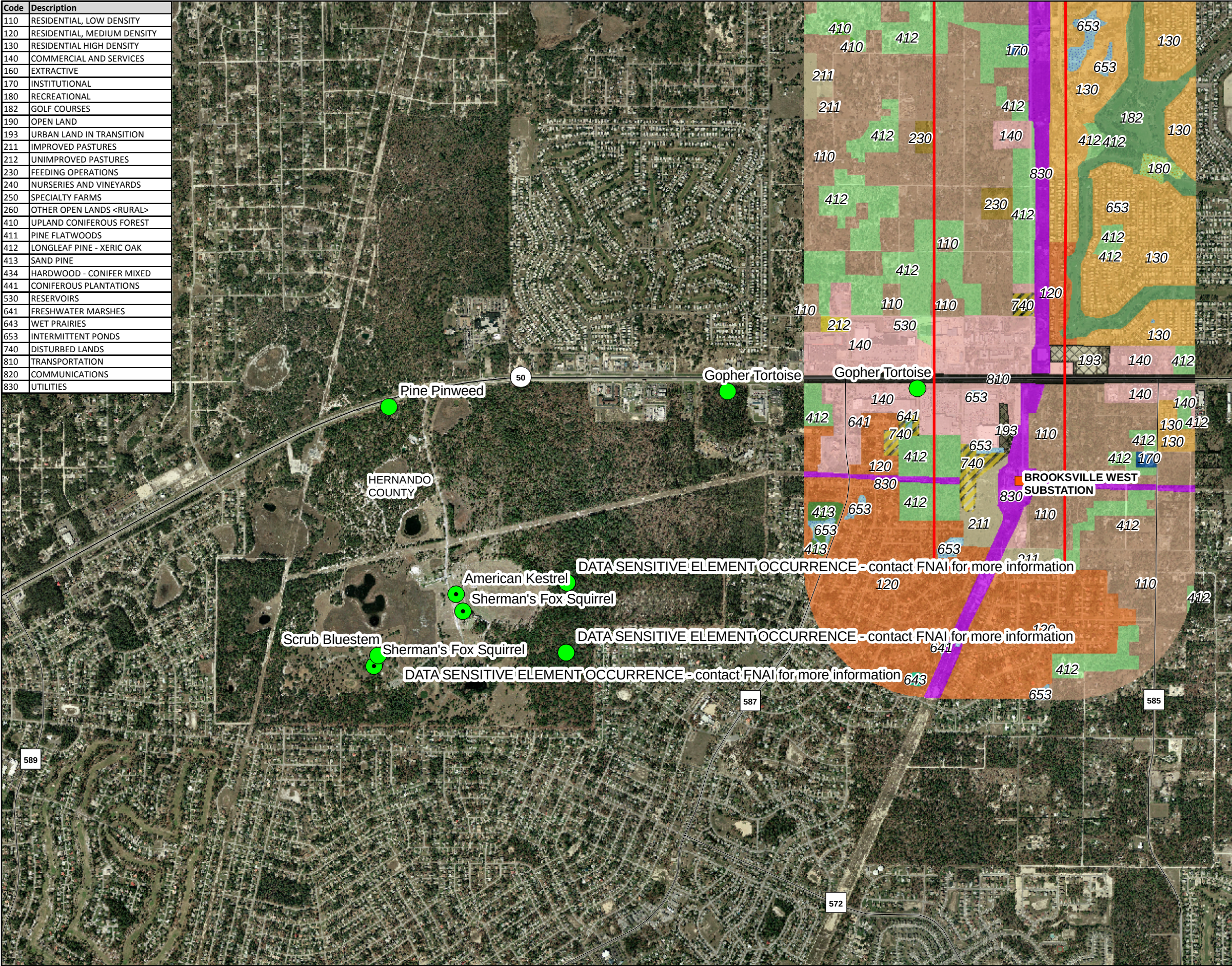


Progress Energy Florida
Levy Nuclear Plant
Units 1 and 2
Site Certification Application

BBW
Existing Land Use and Land Cover
FIGURE 9-A6.3-8
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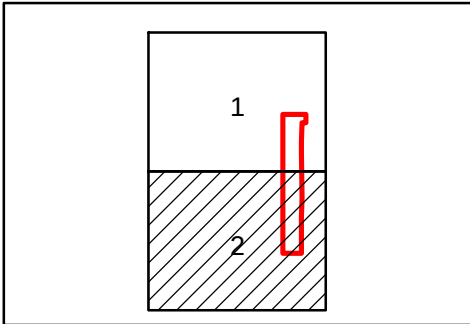
Code	Description
110	RESIDENTIAL, LOW DENSITY
120	RESIDENTIAL, MEDIUM DENSITY
130	RESIDENTIAL HIGH DENSITY
140	COMMERCIAL AND SERVICES
160	EXTRACTIVE
170	INSTITUTIONAL
180	RECREATIONAL
182	GOLF COURSES
190	OPEN LAND
193	URBAN LAND IN TRANSITION
211	IMPROVED PASTURES
212	UNIMPROVED PASTURES
230	FEEDING OPERATIONS
240	NURSERIES AND VINEYARDS
250	SPECIALTY FARMS
260	OTHER OPEN LANDS <RURAL>
410	UPLAND CONIFEROUS FOREST
411	PINE FLATWOODS
412	LONGLEAF PINE - XERIC OAK
413	SAND PINE
434	HARDWOOD - CONIFER MIXED
441	CONIFEROUS PLANTATIONS
530	RESERVOIRS
641	FRESHWATER MARSHES
643	WET PRAIRIES
653	INTERMITTENT PONDS
740	DISTURBED LANDS
810	TRANSPORTATION
820	COMMUNICATIONS
830	UTILITIES



LEGEND

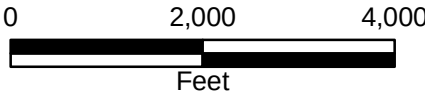
- Substations
- Eagle's Nest
- FNAI Observed Species
- Species Observed by Golder
- Interstate
- Toll Roads
- US Roads
- State Roads
- County Roads
- Railroad
- Corridor Boundary
- County Boundary
- High Density Species Observation by Golder

MAP KEY



Sources

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FIGURE 9-A6.3-8
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