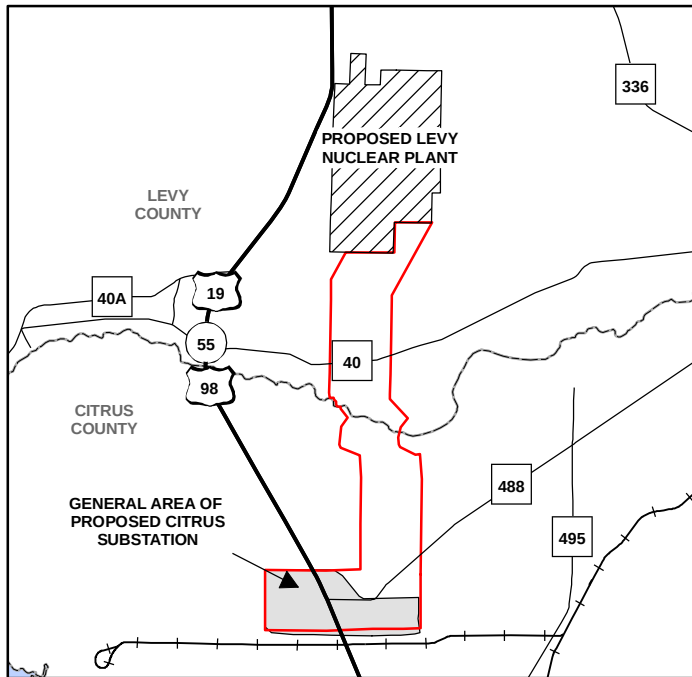
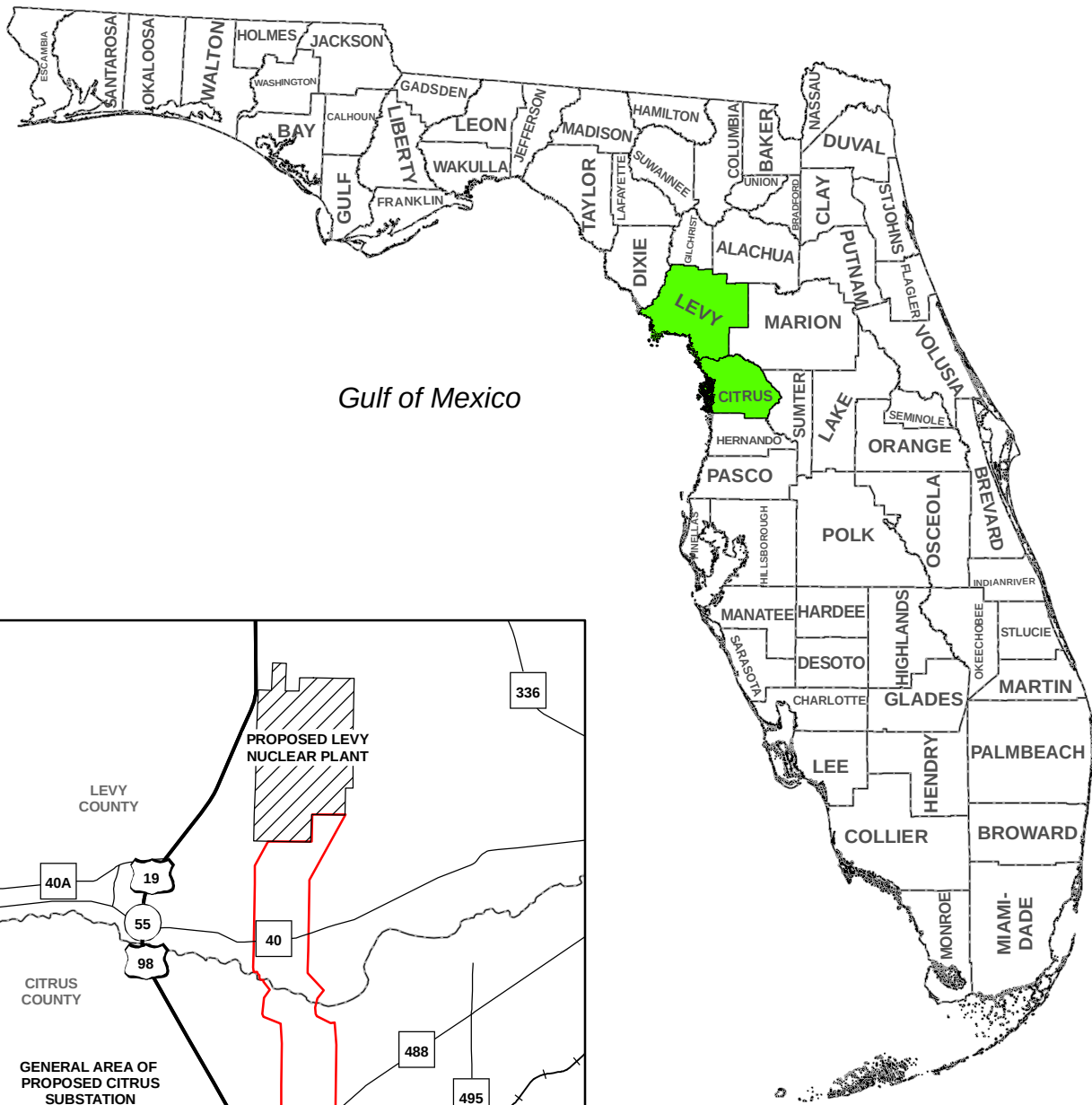


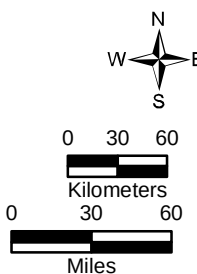


LEGEND

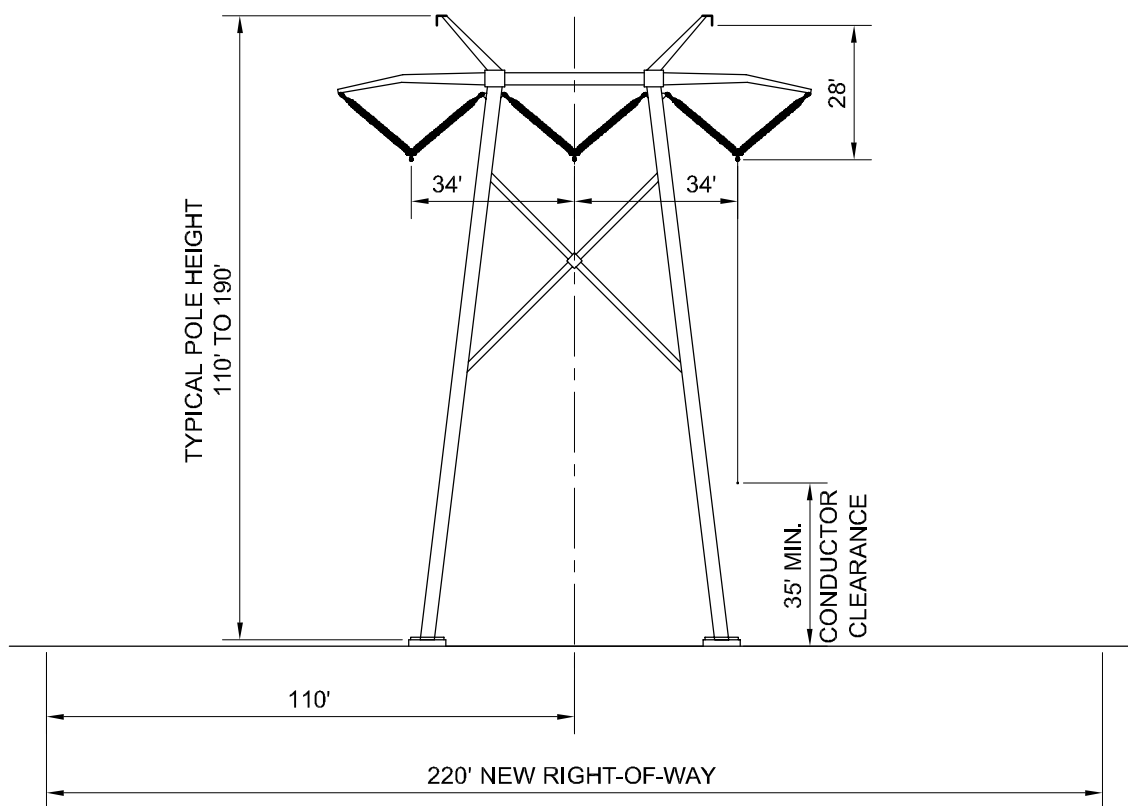
- US Road
- State Road
- County Road
- Railroad
- Corridor Boundary
- Proposed Levy Nuclear Plant
- General Area of Proposed Citrus Substation
- Florida County Boundaries

Sources

Corridors & General Area of Proposed Citrus Substation -
 Golder Associates Inc. & Progress Energy Florida, 2008
 Proposed Levy Nuclear Plant - Progress Energy Florida, 2008
 All Roads - Florida Department of Transportation, 2008
 Railroads - Florida Department of Environmental Protection, 1992
 Florida County Boundaries - US Census Bureau, 2003

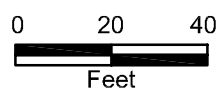


Progress Energy Florida Levy Nuclear Plant Units 1 and 2 Site Certification Application	
LPC Corridor Location FIGURE 9-A1.0-1	
Rev 0	



NOTE:

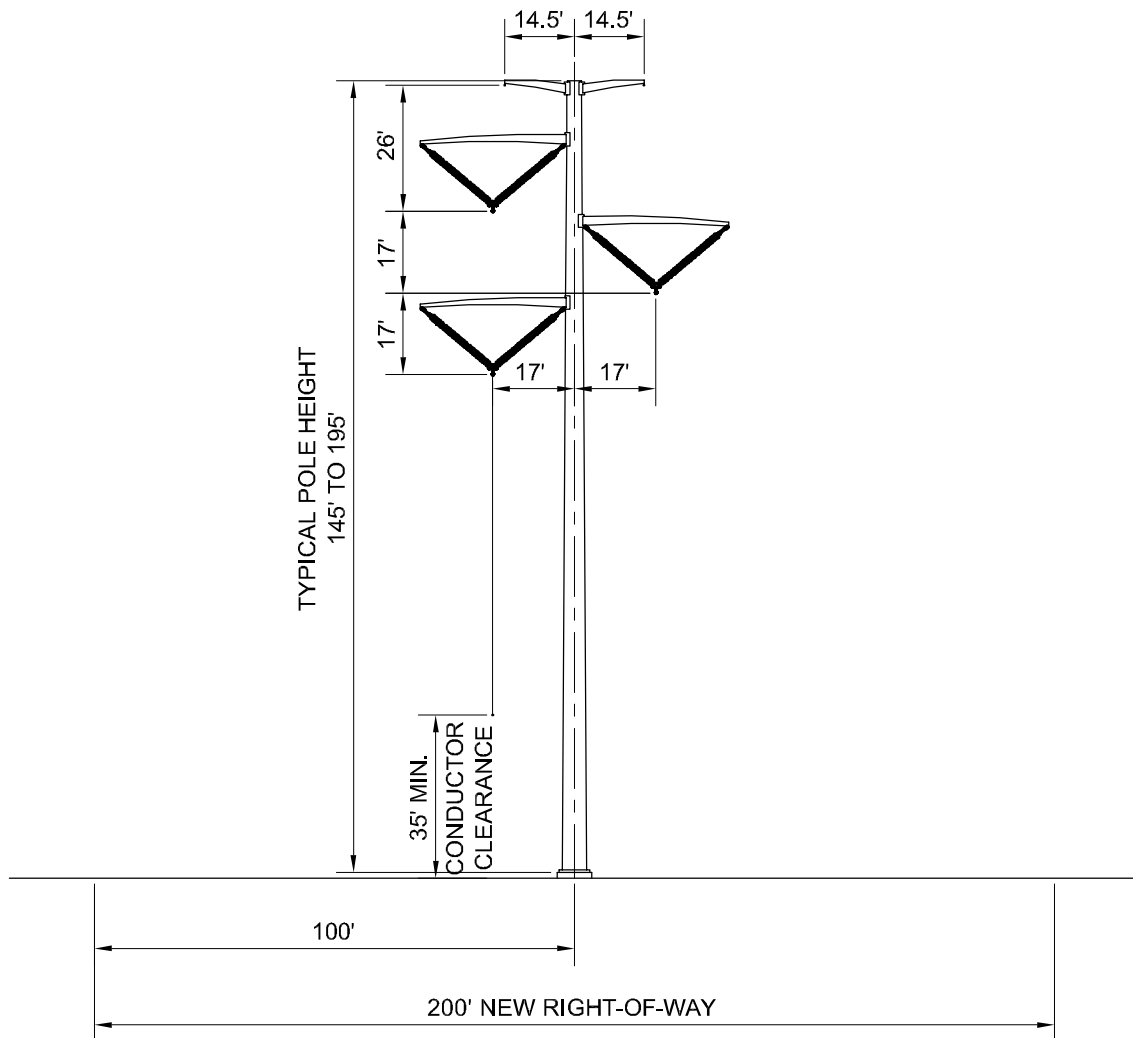
1. TYPICAL PIER FOUNDATION TO BE 5' TO 8' IN DIAMETER.



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

Typical Tangent Steel
H-Frame Structure
on New Right-of-Way
FIGURE 9-A1.2-1

Rev 0



NOTE:

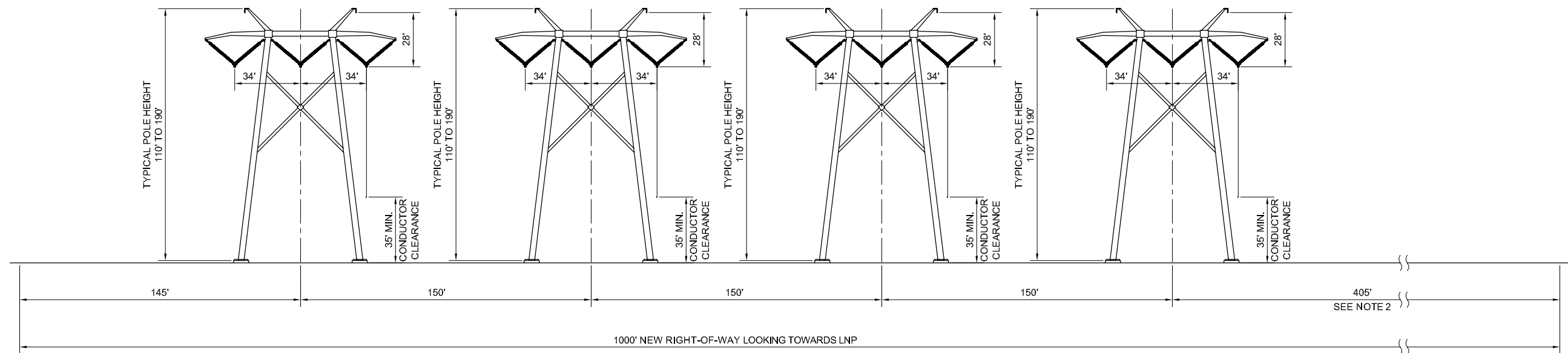
1. TYPICAL PIER FOUNDATION TO BE 8' TO 11' IN DIAMETER.

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

Typical Tangent Steel
Monopole Structure
on New Right-of-Way

FIGURE 9-A1.2-2

Rev 0



NOTE:

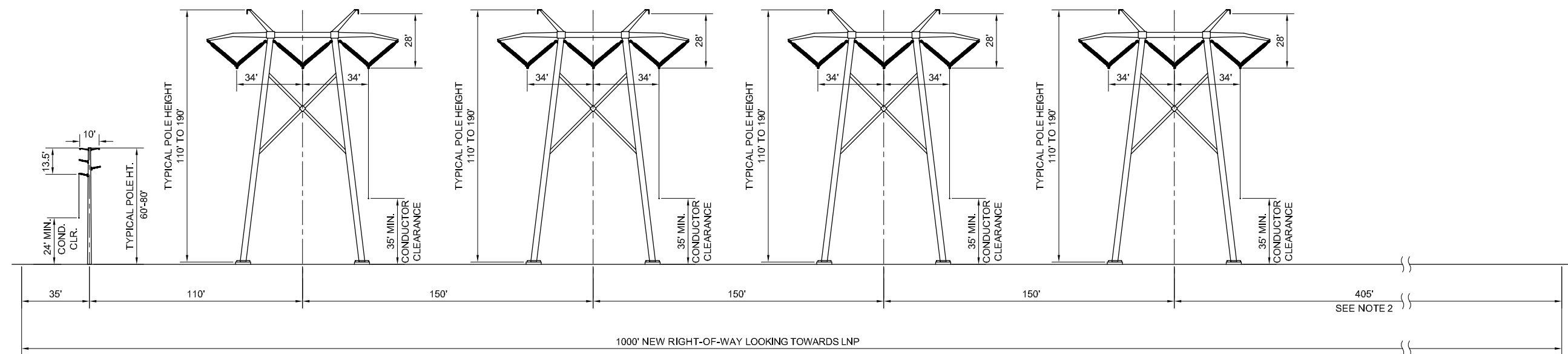
1. TYPICAL PIER FOUNDATION TO BE 5' TO 8' IN DIAMETER.
2. PROVISIONS FOR FUTURE TRANSMISSION LINES.

0 30 60
Feet

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

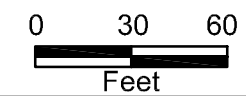
Typical Tangent Steel H-Frame Structure
on New Multi-Circuit Right-of-Way North of CR 40
FIGURE 9-A1.2-3

Rev 0



NOTE:

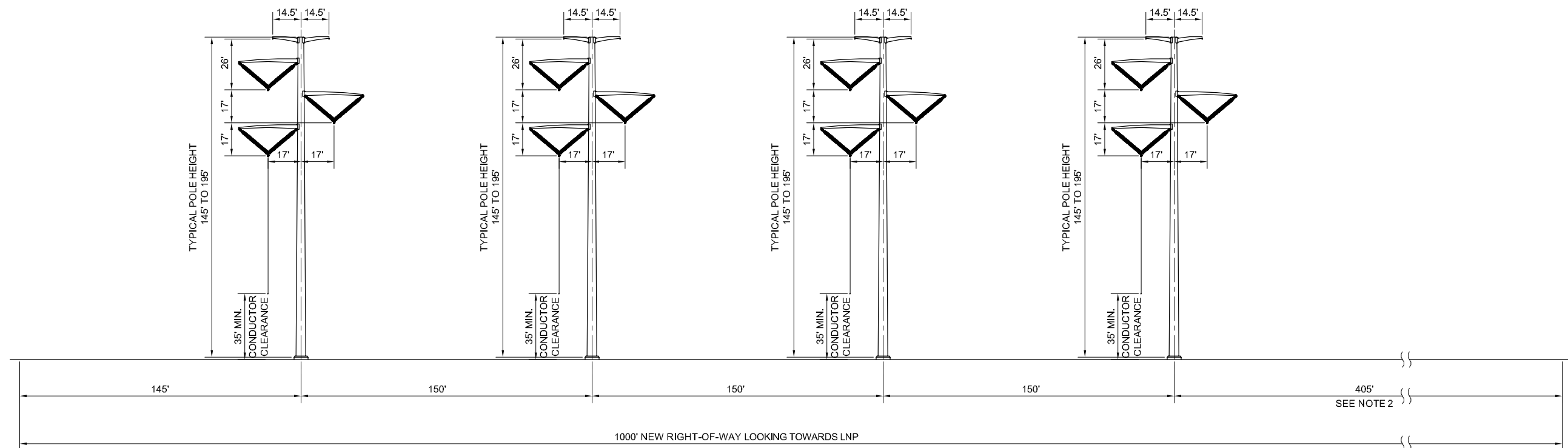
1. TYPICAL PIER FOUNDATION TO BE 5' TO 8' IN DIAMETER.
2. PROVISIONS FOR FUTURE TRANSMISSION LINES.



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

Typical Tangent Steel H-Frame Structure on New
Multi-Circuit Right-of-Way North of CR 40 with 69kV Line
FIGURE 9-A1.2-4

Rev 0



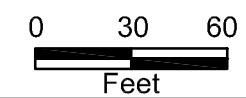
NOTE:

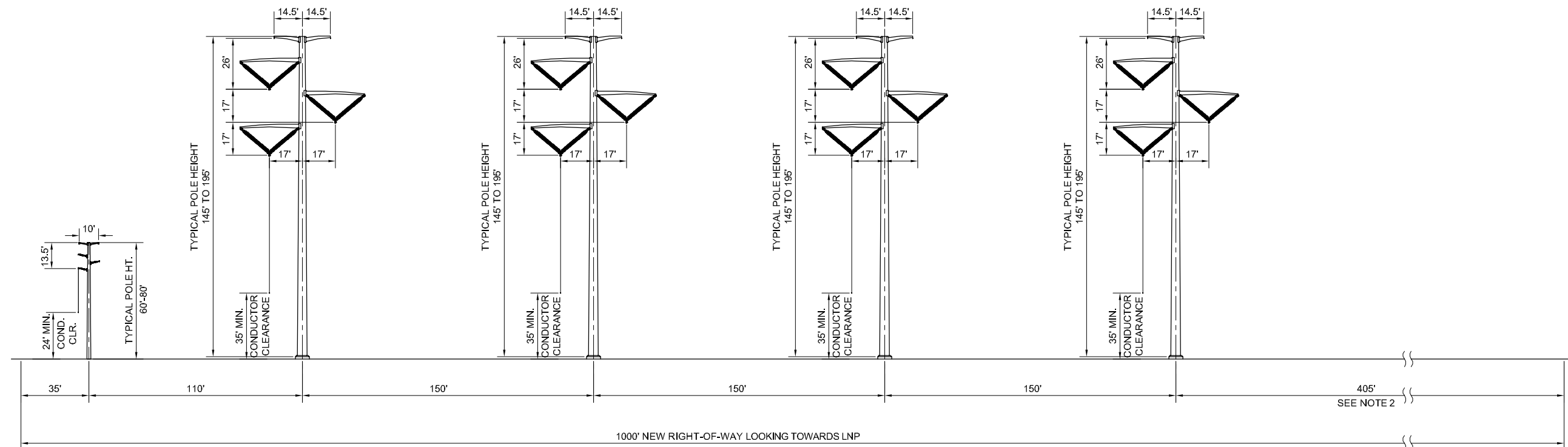
1. TYPICAL PIER FOUNDATION TO BE 8' TO 11' IN DIAMETER.
2. PROVISIONS FOR FUTURE TRANSMISSION LINES.

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

Typical Tangent Steel Monopole Structure
on New Multi-Circuit Right-of-Way North of CR 40
FIGURE 9-A1.2-5

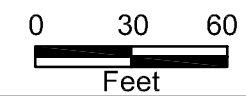
Rev 0





NOTE:

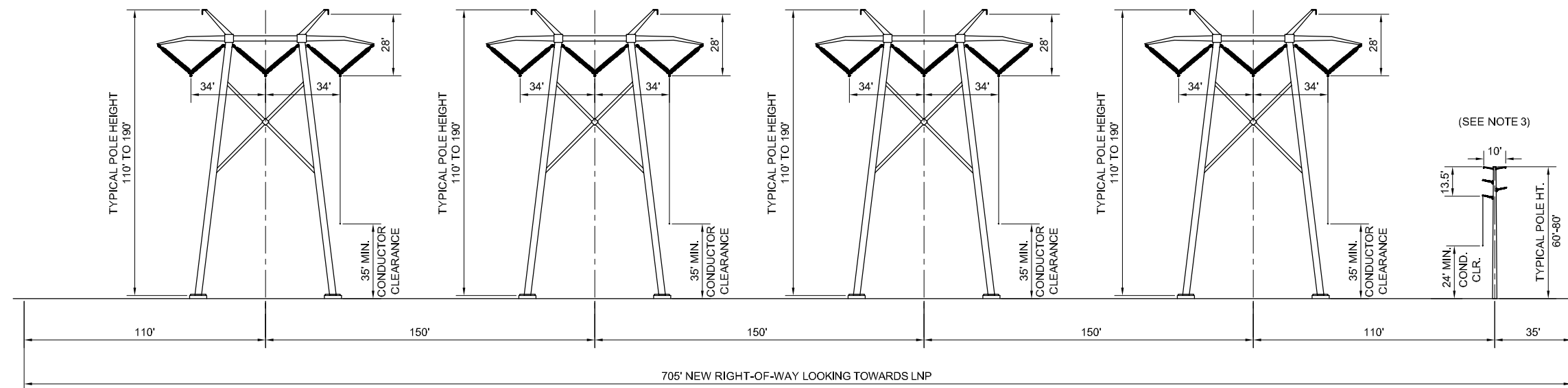
1. TYPICAL PIER FOUNDATION TO BE 8' TO 11' IN DIAMETER.
2. PROVISIONS FOR FUTURE TRANSMISSION LINES.



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

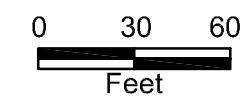
Typical Tangent Steel Monopole Structure on New
 Multi-Circuit Right-of-Way North of CR 40 with 69kV Line
 FIGURE 9-A1.2-6

Rev 0



NOTE:

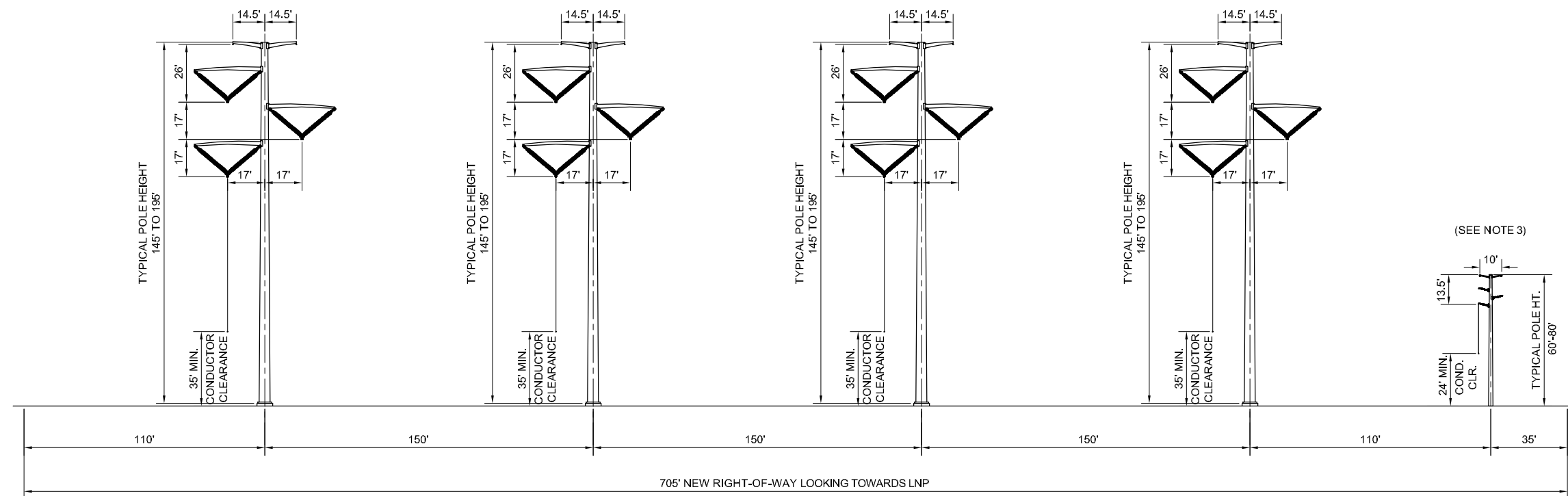
1. TYPICAL PIER FOUNDATION TO BE 5' TO 8' IN DIAMETER.
2. THIS CROSS-SECTION COVERS FROM SR 40 TO A POINT SOUTH OF INGLIS ISLAND.
3. RELOCATED 69kV LINE IS PROPOSED FOR A PORTION OF THIS SEGMENT.



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

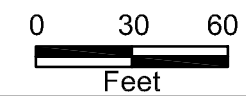
Typical Tangent Steel H-Frame Structure on New
Multi-Circuit Right-of-Way South of CR 40 with 69kV Line
FIGURE 9-A1.2-7

Rev 0



NOTE:

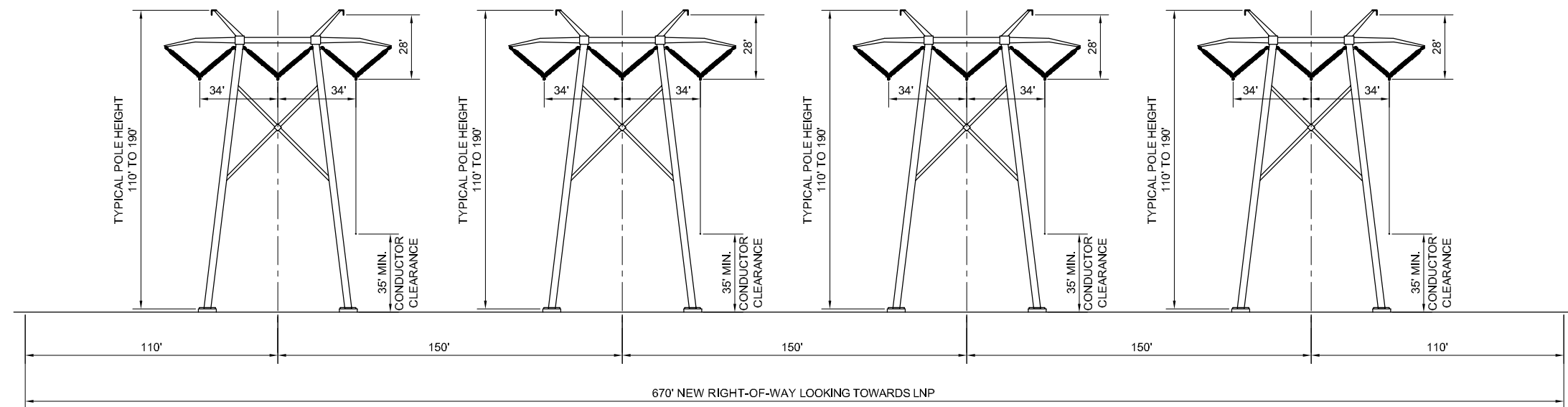
1. TYPICAL PIER FOUNDATION TO BE 8' TO 11' IN DIAMETER.
2. THIS CROSS-SECTION COVERS FROM SR 40 TO A POINT SOUTH OF INGLIS ISLAND.
3. RELOCATED 69kV LINE IS PROPOSED FOR A PORTION OF THIS SEGMENT.



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

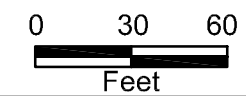
Typical Tangent Steel Monopole Structure on New
Multi-Circuit Right-of-Way South of CR 40 with 69kV Line
FIGURE 9-A1.2-8

Rev 0



NOTE:

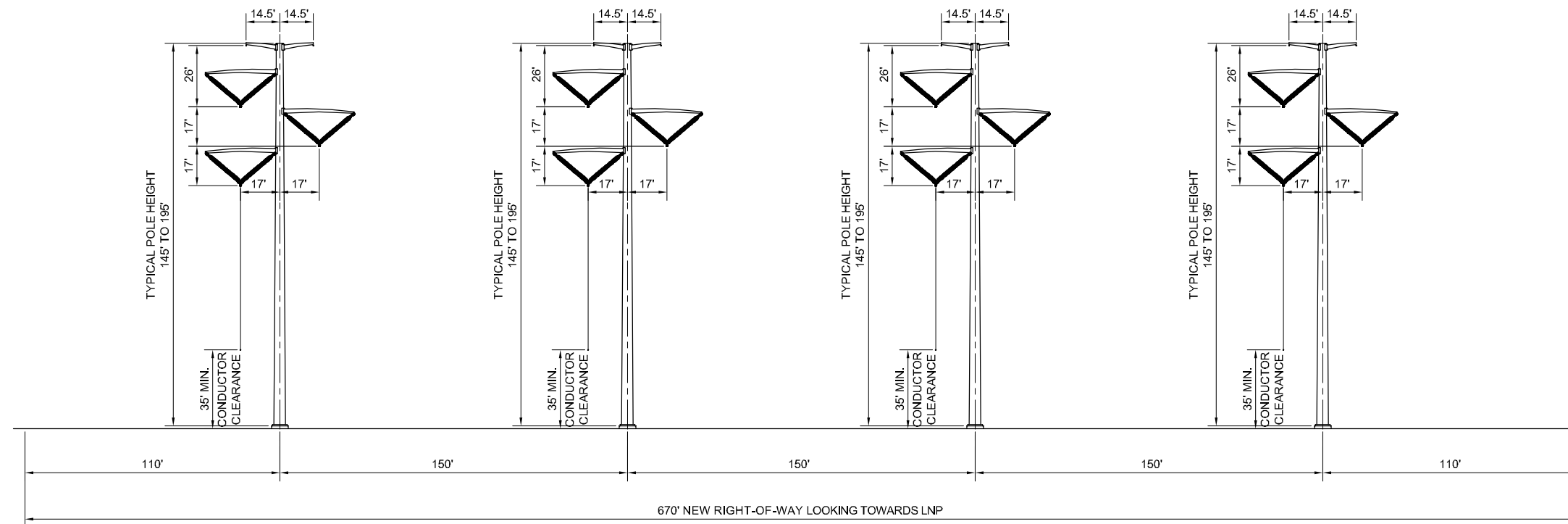
1. TYPICAL PIER FOUNDATION TO BE 5' TO 8' IN DIAMETER.
2. THIS CROSS-SECTION COVERS FROM A POINT SOUTH OF INGLIS ISLAND TO CITRUS SUBSTATION.



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

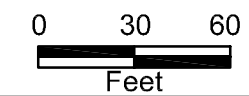
Typical Tangent Steel H-Frame Structure
 on New Multi-Circuit Right-of-Way South of CR 40
 FIGURE 9-A1.2-9

Rev 0



NOTE:

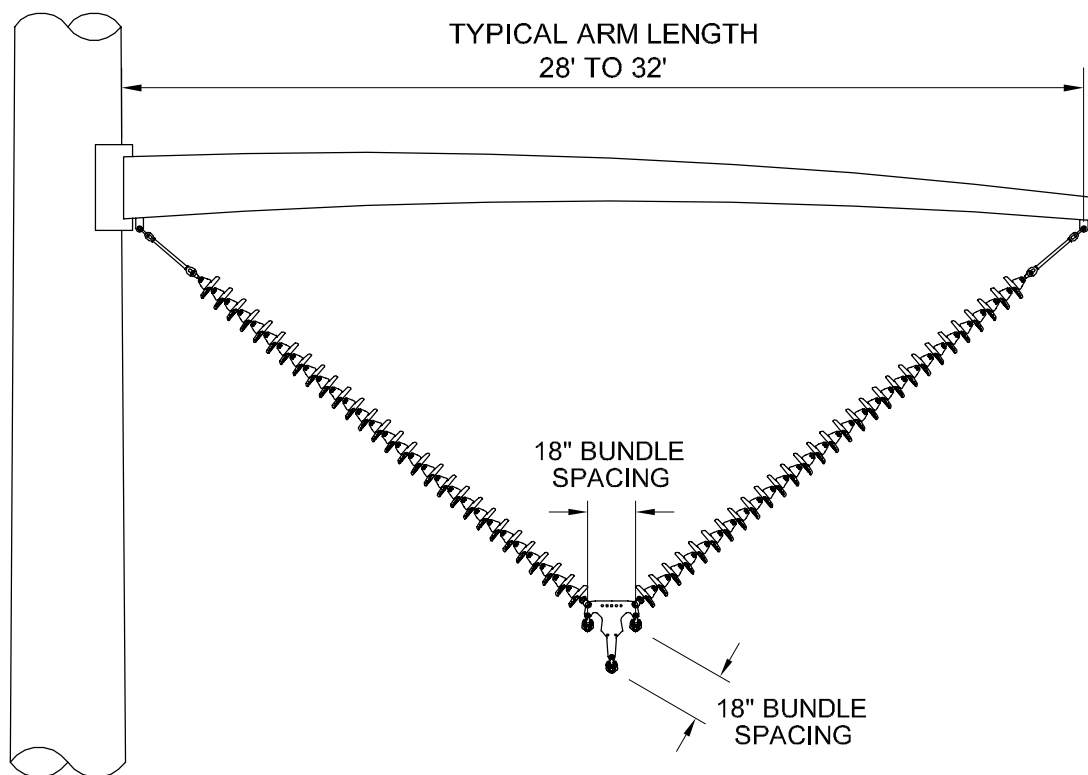
1. TYPICAL PIER FOUNDATION TO BE 8' TO 11' IN DIAMETER.
2. THIS CROSS-SECTION COVERS FROM A POINT SOUTH OF INGLIS ISLAND TO CITRUS SUBSTATION.



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

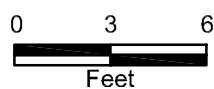
Typical Tangent Steel Monopole Structure
on New Multi-Circuit Right-of-Way South of CR 40
FIGURE 9-A1.2-10

Rev 0



NOTE:

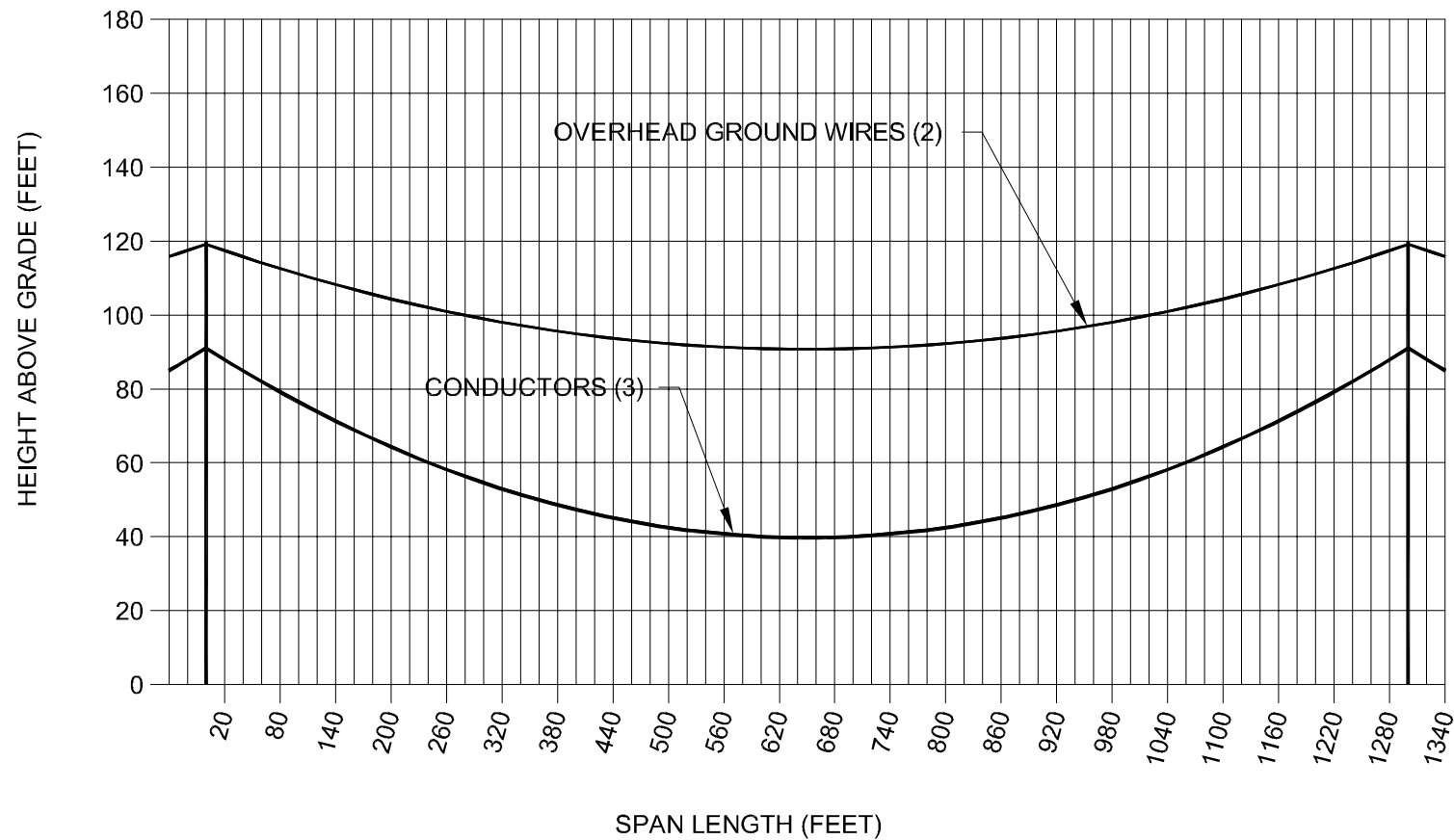
1. TYPICAL INSULATOR ASSEMBLY SHOWN, OTHERS WILL BE REQUIRED BASED ON STRENGTH REQUIREMENTS.



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

Typical 500kV Tangent
 Insulator Assembly

FIGURE 9-A1.2-11 Rev 0



NOTES:

1. THIS PROFILE ASSUMES A SPAN LENGTH OF 1300' AND POLE HEIGHTS 120' 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 284° F (140° C).
3. OVERHEAD GROUND WIRE SHOWN AT MAXIMUM CONDUCTOR DESIGN TEMPERATURE OF 120° F (49° C).

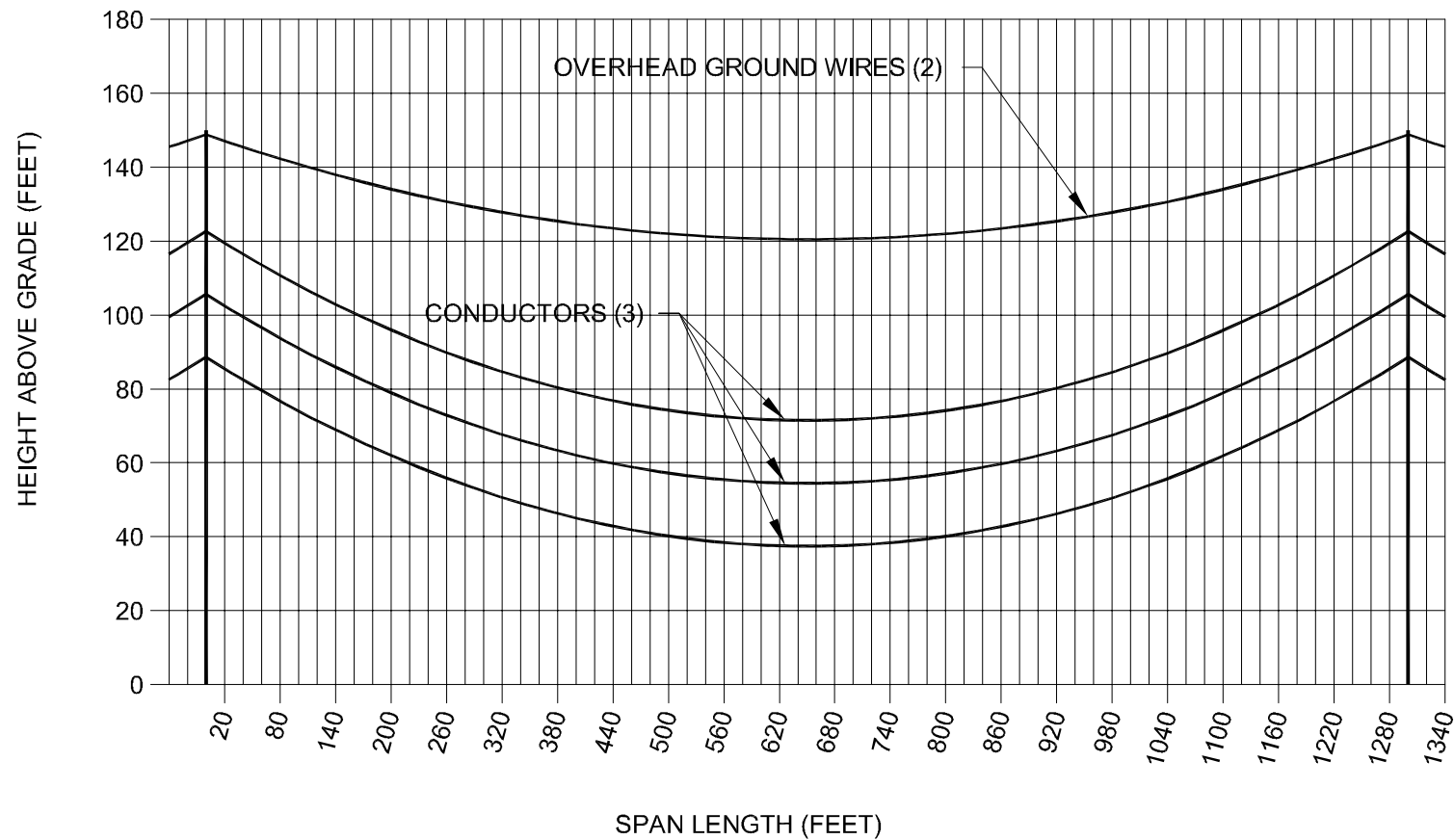
0 25 50
Vertical Feet

0 100 200
Horizontal Feet

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

Conductor Profile
for Typical Tangent Steel
H-Frame Structure
FIGURE 9-A1.2-12

Rev 0



NOTES:

1. THIS PROFILE ASSUMES A SPAN LENGTH OF 1300' AND POLE HEIGHTS 150' 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 284° F (140° C).
3. OVERHEAD GROUND WIRE SHOWN AT MAXIMUM CONDUCTOR DESIGN TEMPERATURE OF 120° F (49° C).

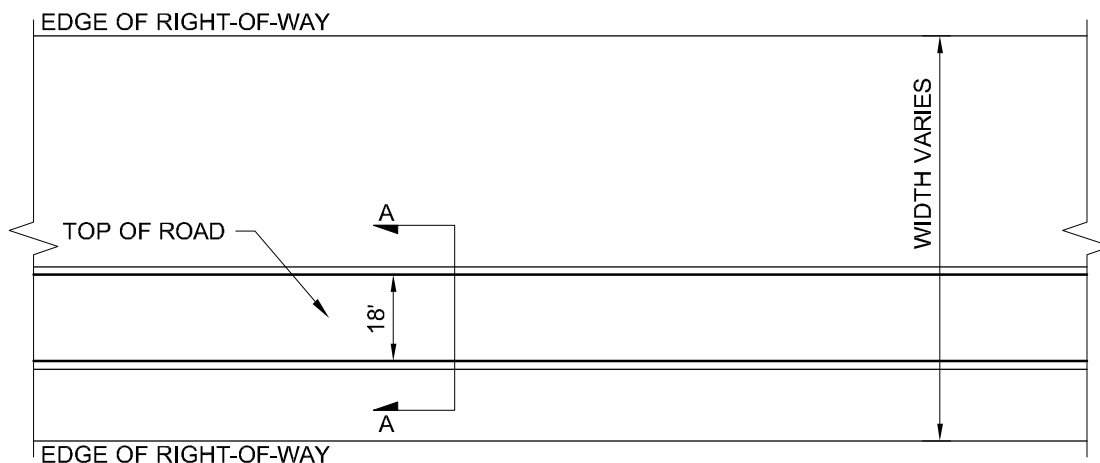
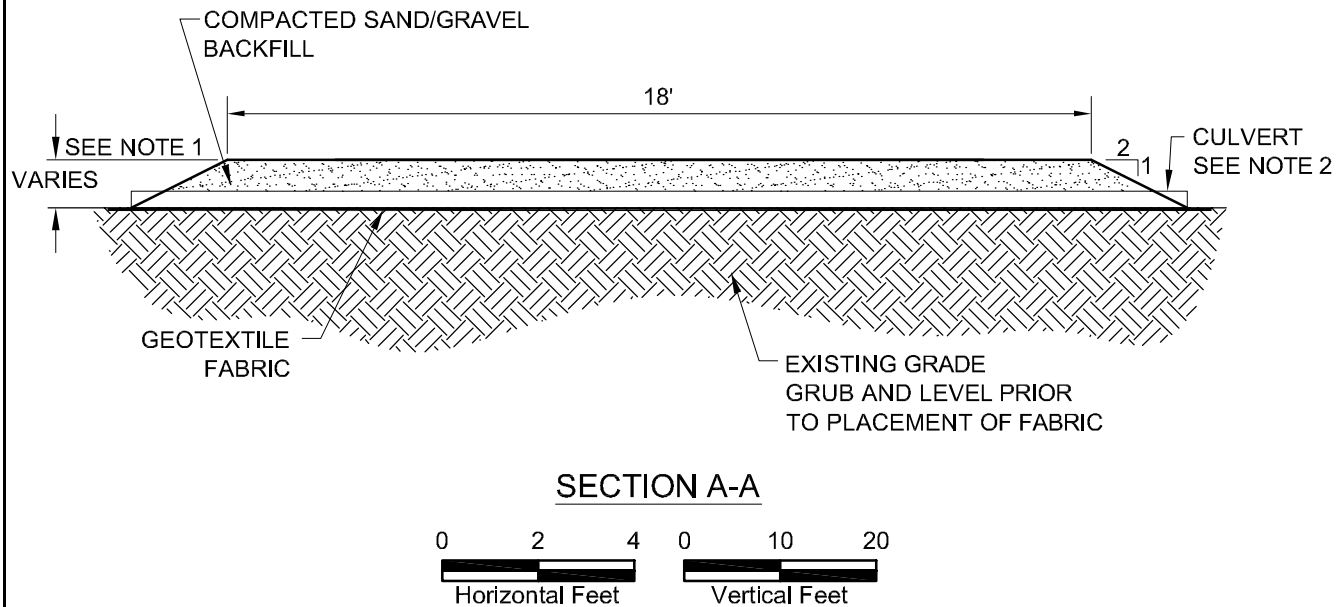
0 25 50
Vertical Feet

0 100 200
Horizontal Feet

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

Conductor Profile
for Typical Tangent Steel
Monopole Structure
FIGURE 9-A1.2-13

Rev 0



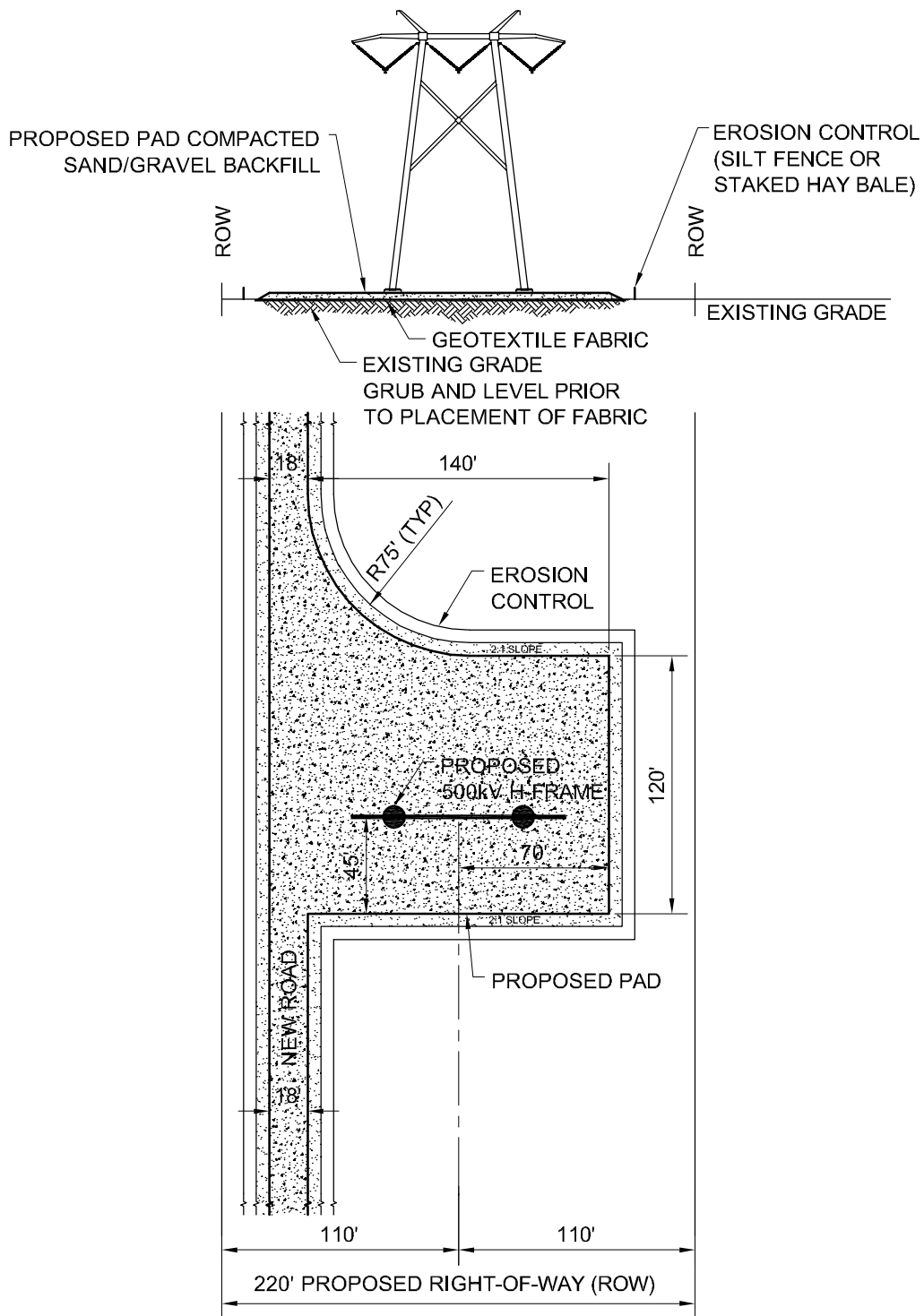
NOTES:

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**

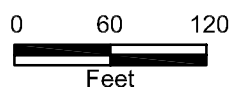
Typical Access Road

FIGURE 9-A1.2-14 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.



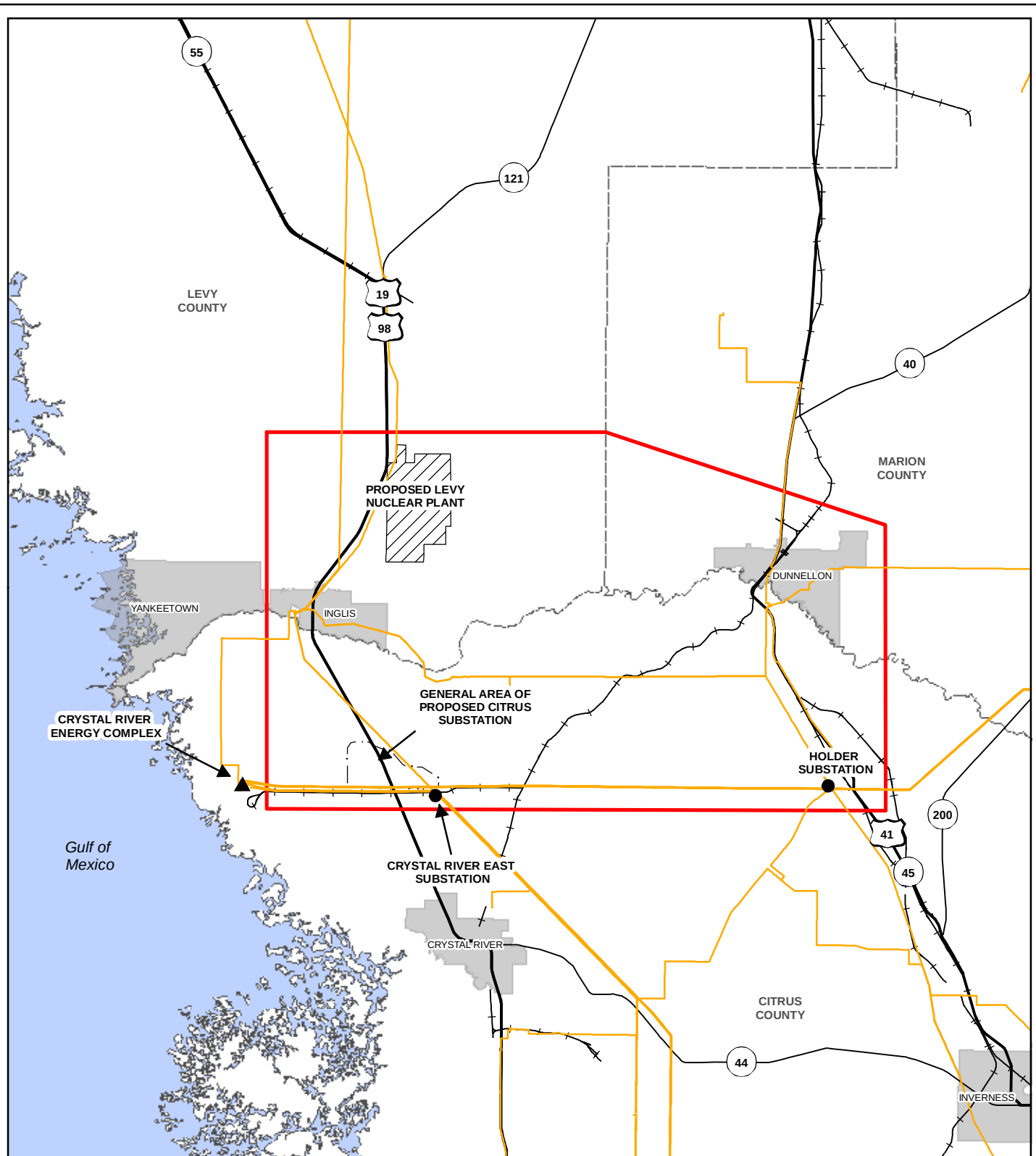
Progress Energy Florida

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

Typical Access Road
and Structure Pad

FIGURE 9-A1.2-15

Rev 0



LEGEND

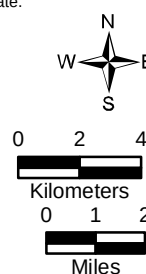
- ▲ Plant
- Substation
- Existing Progress Energy Florida Transmission Lines
- US Road
- State Road
- Railroad
- Study Area
- General Area of Proposed Citrus Substation
- Proposed Levy Nuclear Plant
- Municipalities
- Florida County Boundaries

Note

Please note that the municipal boundaries are approximate.

Sources

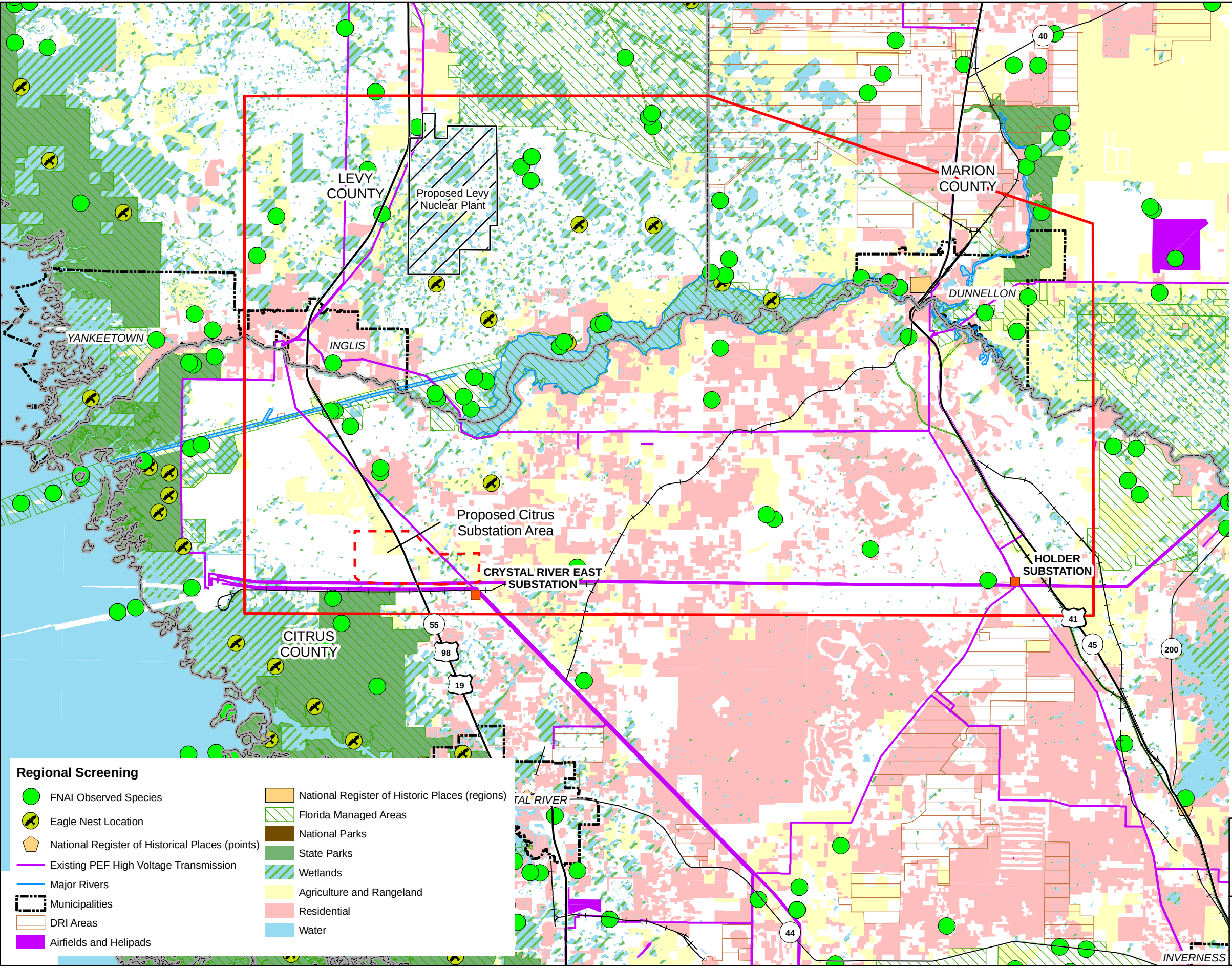
Substations, Existing Progress Energy Florida Transmission Lines & Proposed Levy Nuclear Plant - Progress Energy Florida, 2008
 Study Area & General Area of Proposed Citrus Substation - Golder Associates Inc. & Progress Energy Florida, 2008
 All Roads - Florida Department of Transportation, 2008
 Railroads - Florida Department of Environmental Protection, 1992
 Municipalities - University of Florida Geoplan Center, 2005 with Golder update, 2008
 Florida County Boundaries - US Census Bureau, 2003



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

LPC
 Study Area
 FIGURE 9-A1.3-1

Rev 0



LEGEND

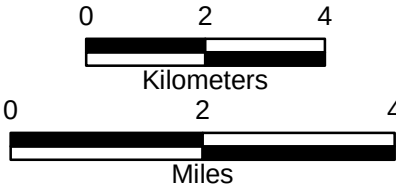
- Substations
- Interstate
- Toll Roads
- US Roads
- State Roads
- Railroad
- Study Area
- General Area of Proposed Citrus Substation
- Proposed Levy Nuclear Plant
- County Boundary

Note

1. Please note that the municipality boundaries are approximate.

Sources

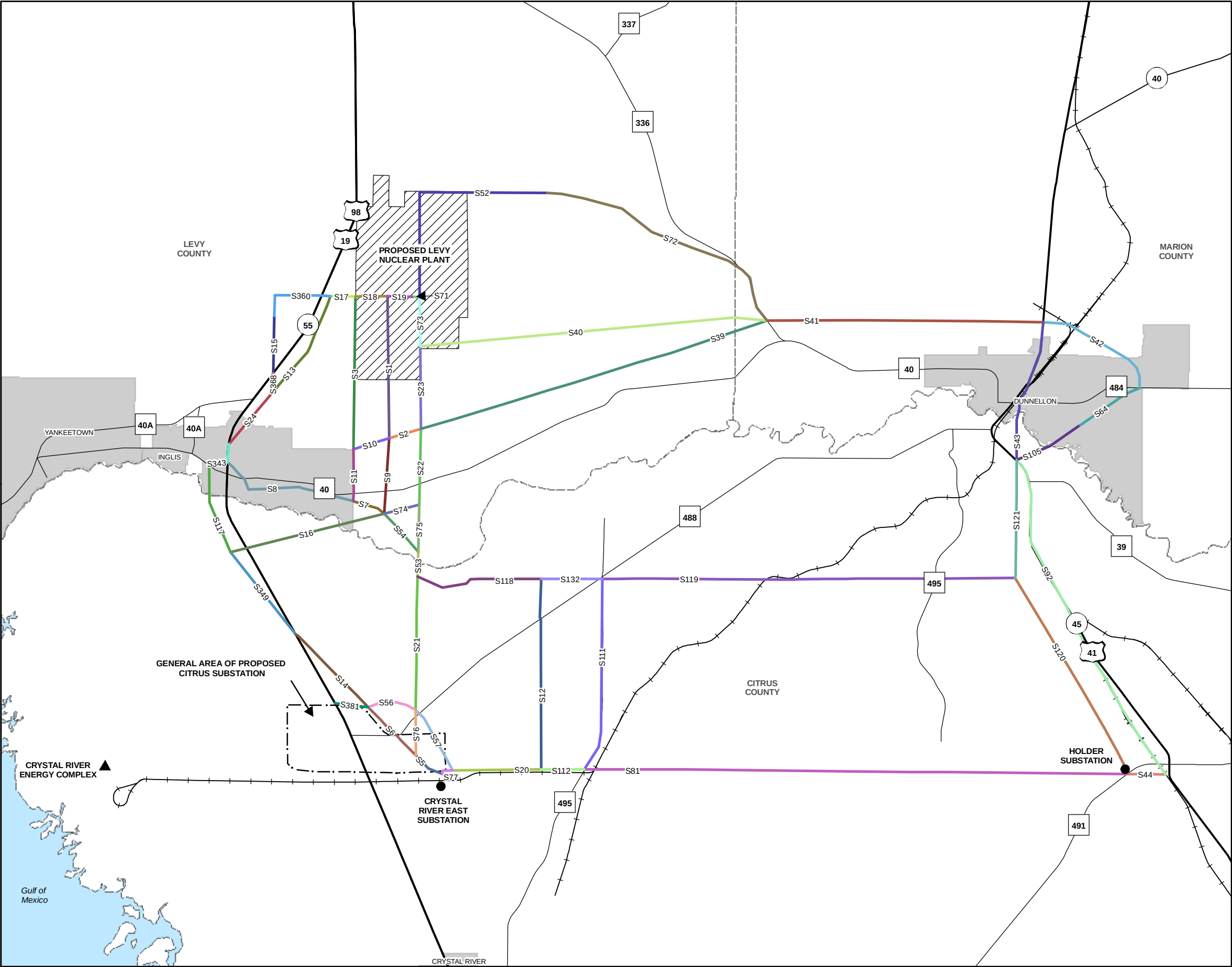
Substations, Proposed Levy Nuclear Power Plant, and Existing Transmission: Progress Energy Florida, 2008
Florida County Boundaries: US Census Bureau, 2003
Roads: Florida Department of Transportation, 2008
Study Area & General Areas of Proposed Substations: Golder Associates Inc. & Progress Energy Florida, 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**

LPC
Regional Screening
FIGURE 9-A1.3-2

Rev 0



LEGEND

- ▲ Plant
- Substation
- US Road
- State Road
- County Road
- +— Railroad
- - - General Area of Proposed Citrus Substation
- ▨ Proposed Levy Nuclear Plant
- Municipalities
- - - Florida County Boundaries

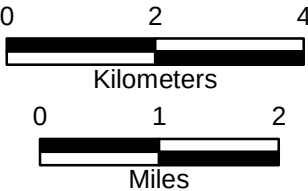
Note

Please note that the municipal boundaries are approximate.

Candidate corridor segments represent approximate centerlines of candidate corridors of up to a mile wide.

Sources

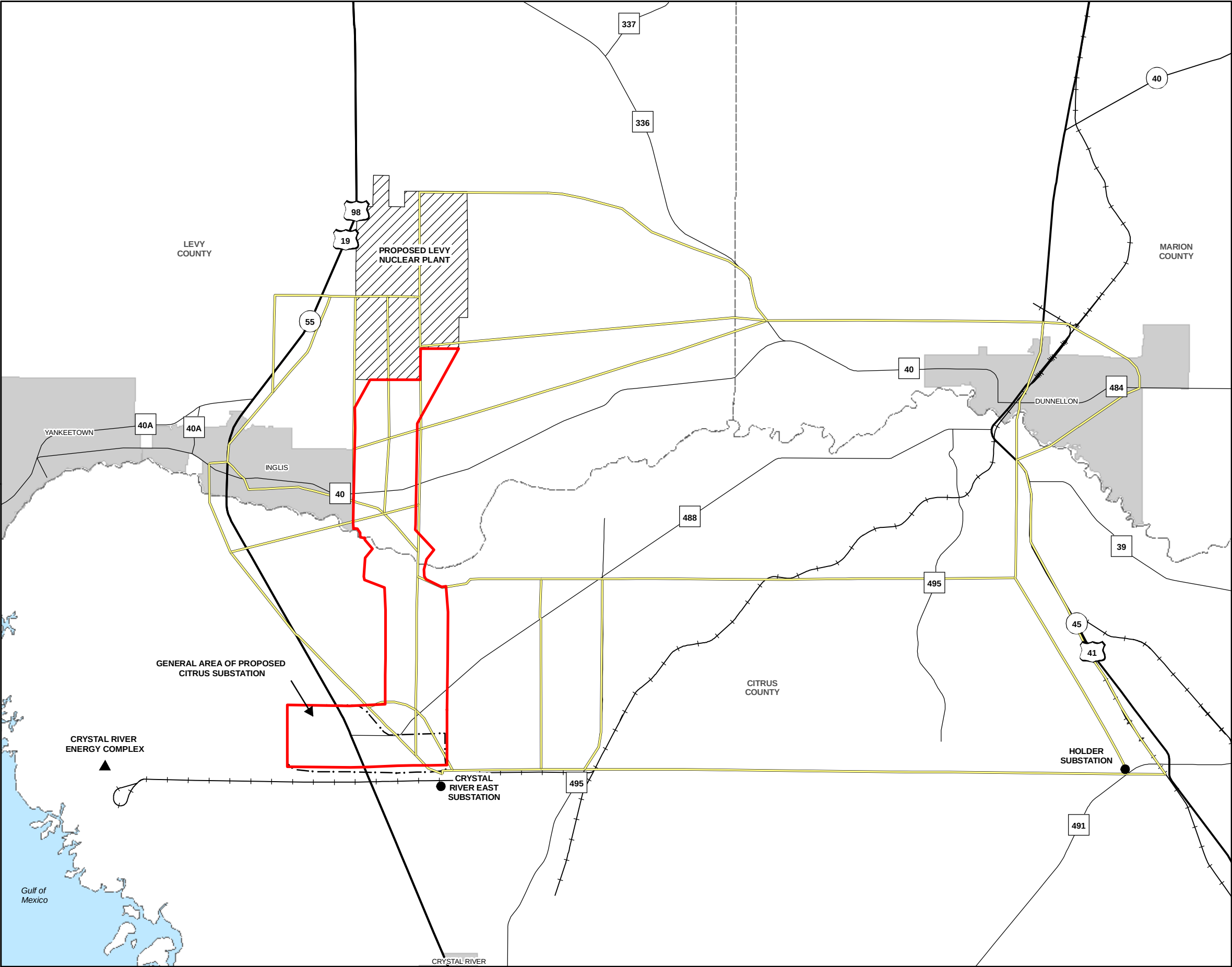
Proposed Levy Nuclear Plant & Substations - Progress Energy Florida, 2008
Candidate Corridor Segments & General Area of Proposed Citrus Substation - Golder Associates Inc. & Progress Energy Florida, 2008
All Roads - Florida Department of Transportation, 2008
Municipalities - University of Florida Geoplan Center, 2005 with Golder update, 2008
Railroads - Florida Department of Environmental Protection, 1992
6. Florida County Boundaries - US Census Bureau, 2003



Progress Energy Florida

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

LPC
Candidate Corridor Segments
FIGURE 9-A1.3-3



LEGEND

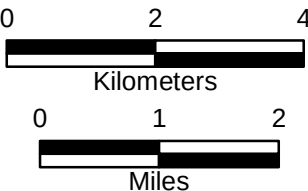
- ▲ Plant
- Substation
- Candidate Corridors
- Approximate Centerline
- US Road
- State Road
- County Road
- + + Railroad
- ▭ Corridor Boundary
- - - General Area of Proposed Citrus Substation
- ▨ Proposed Levy Nuclear Plant
- Municipalities
- - - Florida County Boundaries

Note

Please note that the municipal boundaries are approximate.

Sources

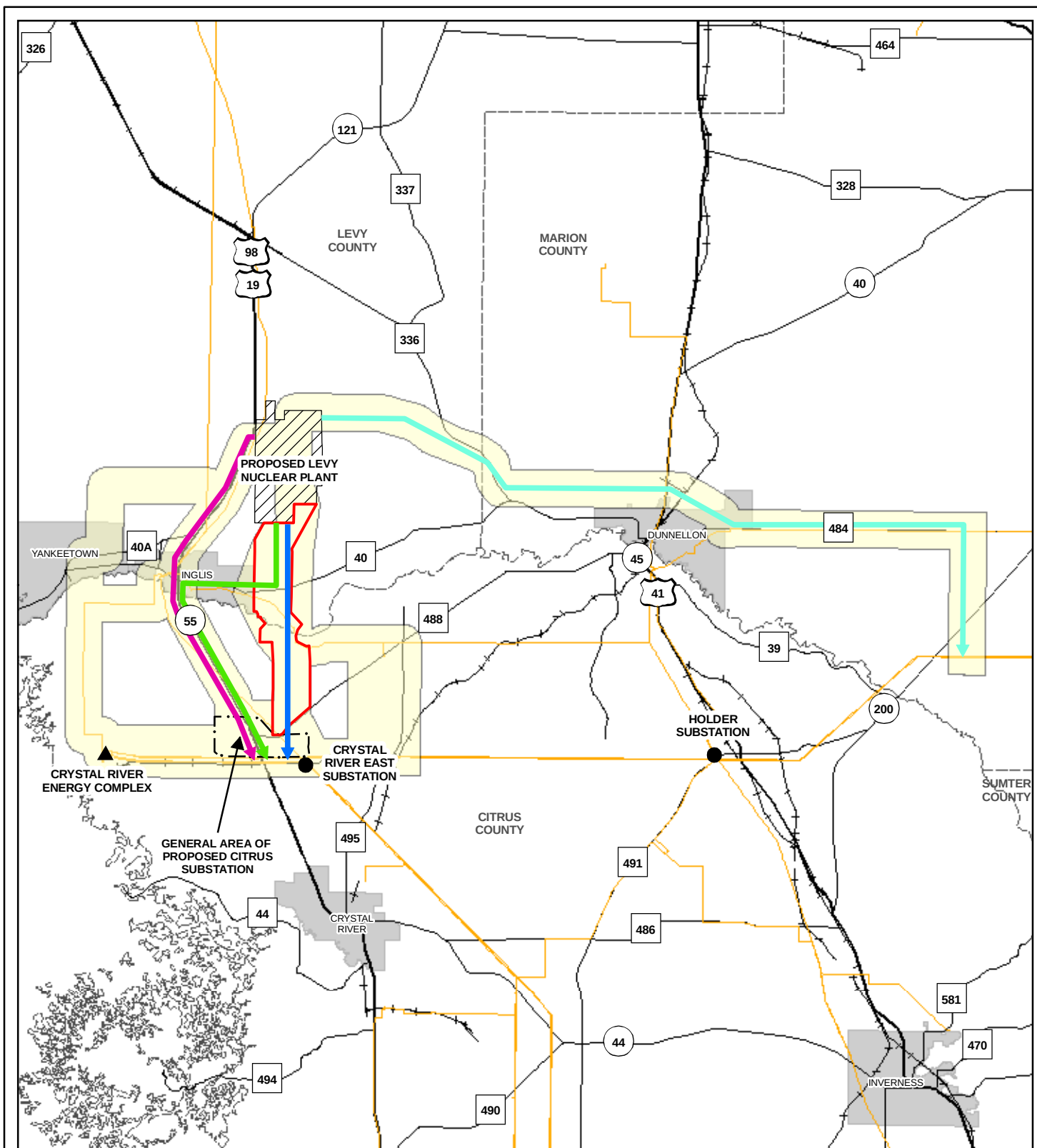
Proposed Levy Nuclear Plant & Substations - Progress Energy Florida, 2008
Candidate Corridors, Corridor & General Area of Proposed Citrus Substation - Golder Associates Inc. & Progress Energy Florida, 2008
All Roads - Florida Department of Transportation, 2008
Municipalities - University of Florida Geoplan Center, 2005 with Golder update, 2008
Railroads - Florida Department of Environmental Protection, 1992
Florida County Boundaries - US Census Bureau, 2003



Progress Energy Florida

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

LPC
Corridor & Candidate Corridors
FIGURE 9-A1.3-4



LEGEND

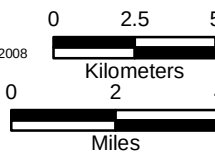
- ▲ Plant
- Substation
- Existing Progress Energy Florida Transmission Lines
- US Road
- State Road
- County Road
- Railroad
- Levy/Citrus Common Corridor
- Opportunity Areas
- General Areas of Proposed Substations
- Proposed Levy Nuclear Plant
- Municipalities
- Florida County Boundaries
- Candidate Corridor Groups
 - East
 - South
 - West #1
 - West #2

Sources

Substations, Existing High Voltage Transmission Lines & Proposed Levy Nuclear Plant - Progress Energy Florida, 2008
 Common Corridor, Opportunity Areas, Candidate Corridor Groups & General Areas of Proposed Substations - Golder Associates Inc. & Progress Energy Florida, 2008
 Florida County Boundaries - US Census Bureau, 2003
 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

Note

Please note that the municipal boundaries are approximate.

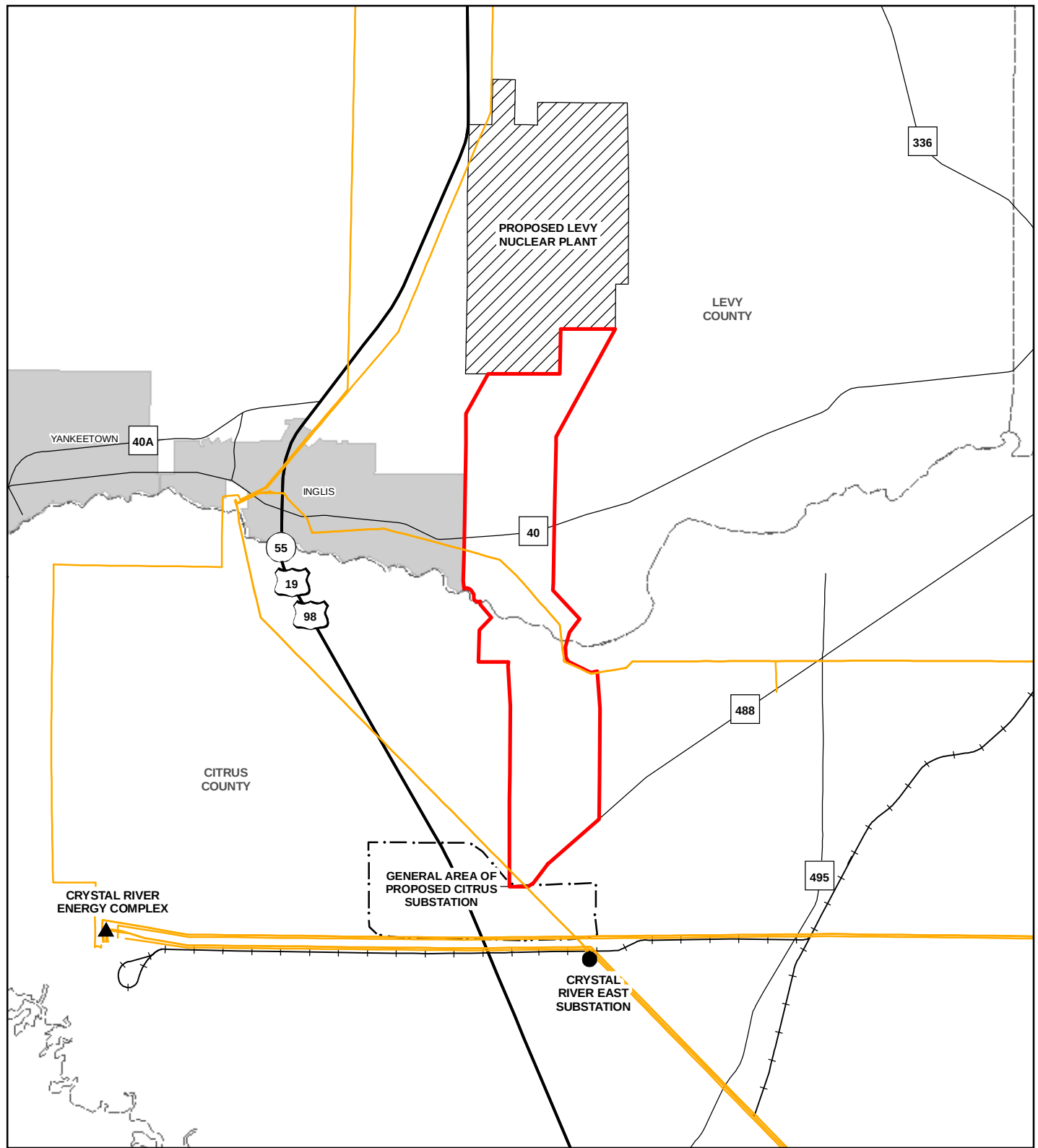


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Levy Nuclear Plant Units 1 and 2 Site Certification Application

LPC
Common Corridor Context
FIGURE 9-A1.3-5

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LEGEND

- ▲ Plant
- Substation
- Existing Progress Energy Florida Transmission Lines
- US Road
- State Road
- County Road
- Railroad
- Levy/Citrus Common Corridor
- General Area of Proposed Citrus Substation
- Proposed Levy Nuclear Plant
- Municipalities
- Florida County Boundaries

Sources

Substations, Proposed Levy Nuclear Plant - Progress Energy Florida, 2008
 Levy/Citrus Common Corridor & General Areas of Proposed Substations - Golder Associates Inc. & Progress Energy Florida, 2008
 Florida County Boundaries - US Census Bureau, 2003
 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

Note

Please note that the municipal boundaries are approximate.



0 0.6 1.2

Kilometers

0 0.6 1.2

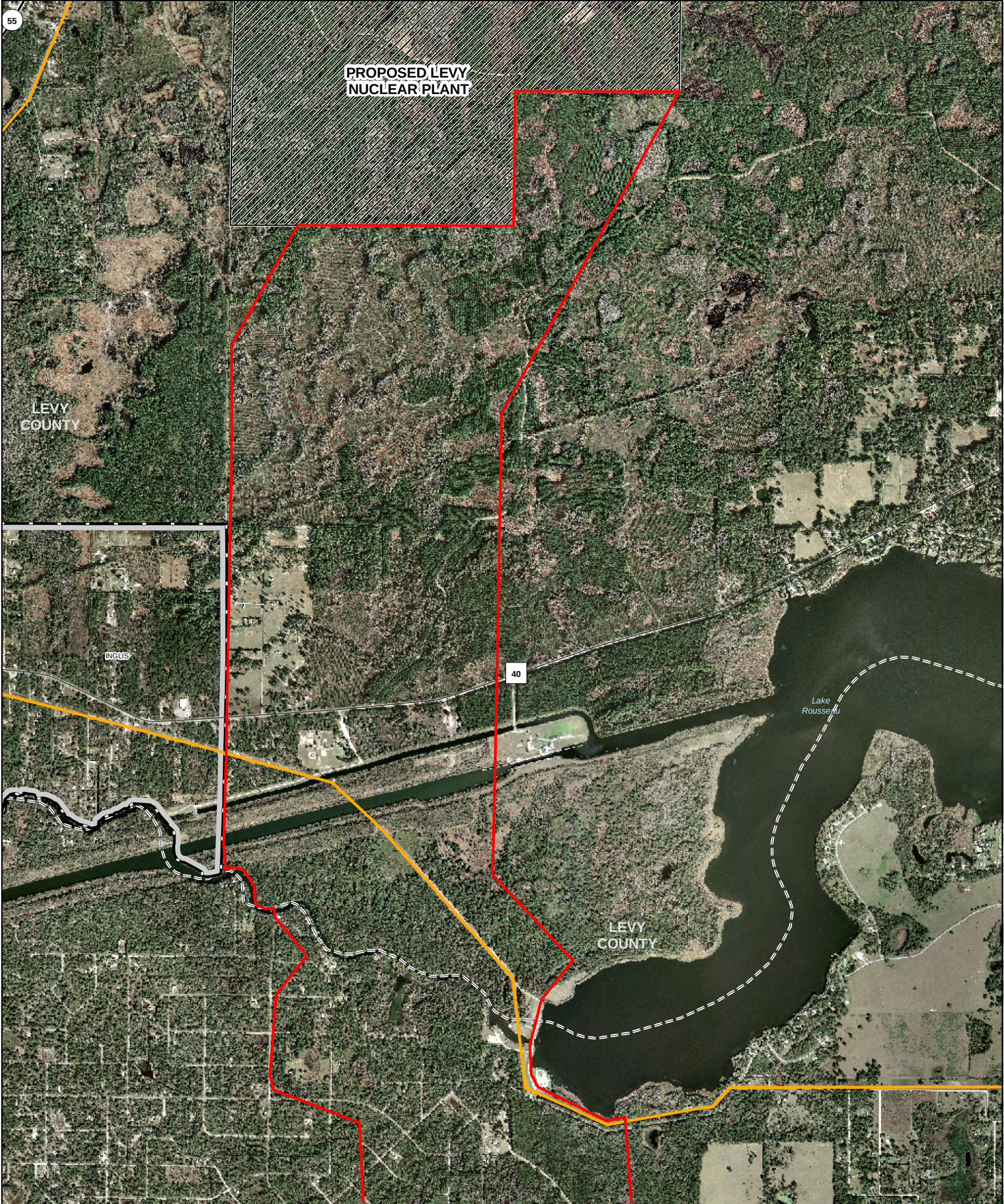
Miles

Progress Energy Florida

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

LPC
Levy/Citrus Common Corridor
FIGURE 9-A1.3-6

Rev 0



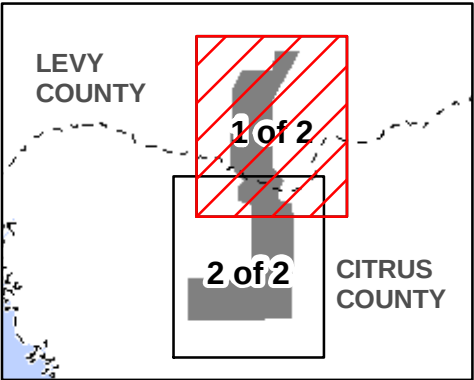
LEGEND

- Substation
- Existing Progress Energy Florida Transmission Lines
- US Road
- State Road
- County Road
- Railroad
- Corridor Boundary
- General Area of Proposed Citrus Substation
- Proposed Levy Nuclear Plant
- Municipalities
- Florida County Boundaries

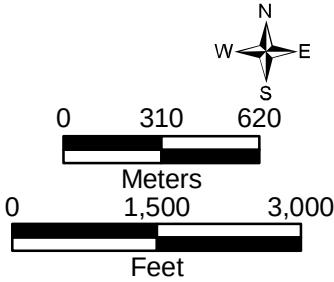
Sources

Proposed Levy Nuclear Plant, Substations & Existing Progress Energy Florida Transmission Lines - Progress Energy Florida, 2008
Corridors & General Area of Proposed Citrus Substation - Golder Associates Inc. & Progress Energy Florida, 2008
Florida County Boundaries - US Census Bureau, 2003
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
Aerial - Aerials Express 2007

MAP KEY



Note
Please note that the municipal boundaries are approximate.

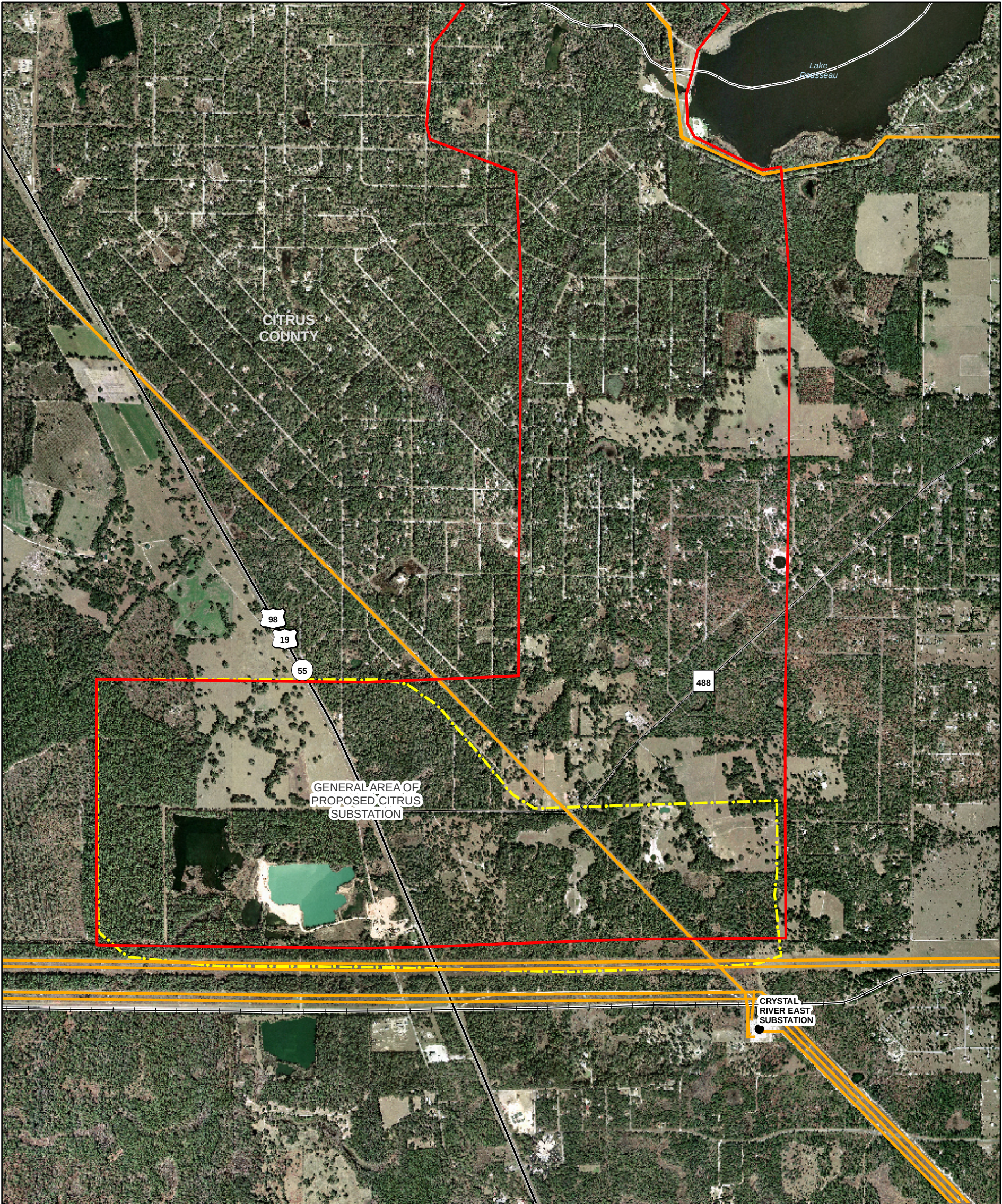


Progress Energy Florida

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

LPC
Corridor - Sectional Maps
FIGURE A1.3-7
1 of 2

Rev 0



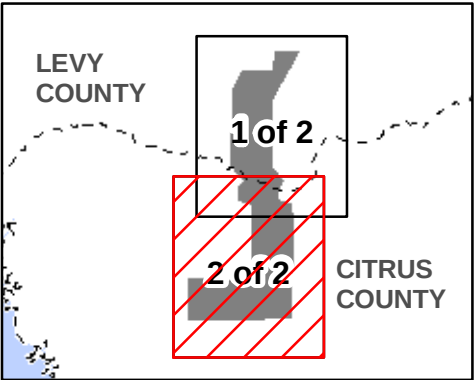
LEGEND

- Substation
- Existing Progress Energy Florida Transmission Lines
- US Road
- State Road
- County Road
- Railroad
- Corridor Boundary
- General Area of Proposed Citrus Substation
- Proposed Levy Nuclear Plant
- Municipalities
- Florida County Boundaries

Sources

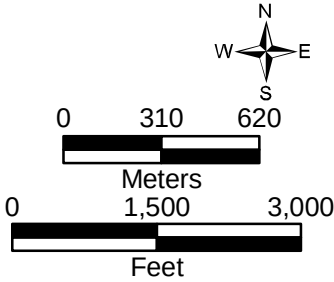
Proposed Levy Nuclear Plant, Substations & Existing Progress Energy Florida Transmission Lines - Progress Energy Florida, 2008
Corridors & General Area of Proposed Citrus Substation - Golder Associates Inc. & Progress Energy Florida, 2008
Florida County Boundaries - US Census Bureau, 2003
All Roads - Florida Department of Transportation, 2008
Municipalities - University of Florida Geoplan Center, 2005 with Golder update, 2008
Railroads - Florida Department of Environmental Protection, 1992
Aerial - Aerials Express 2007

MAP KEY

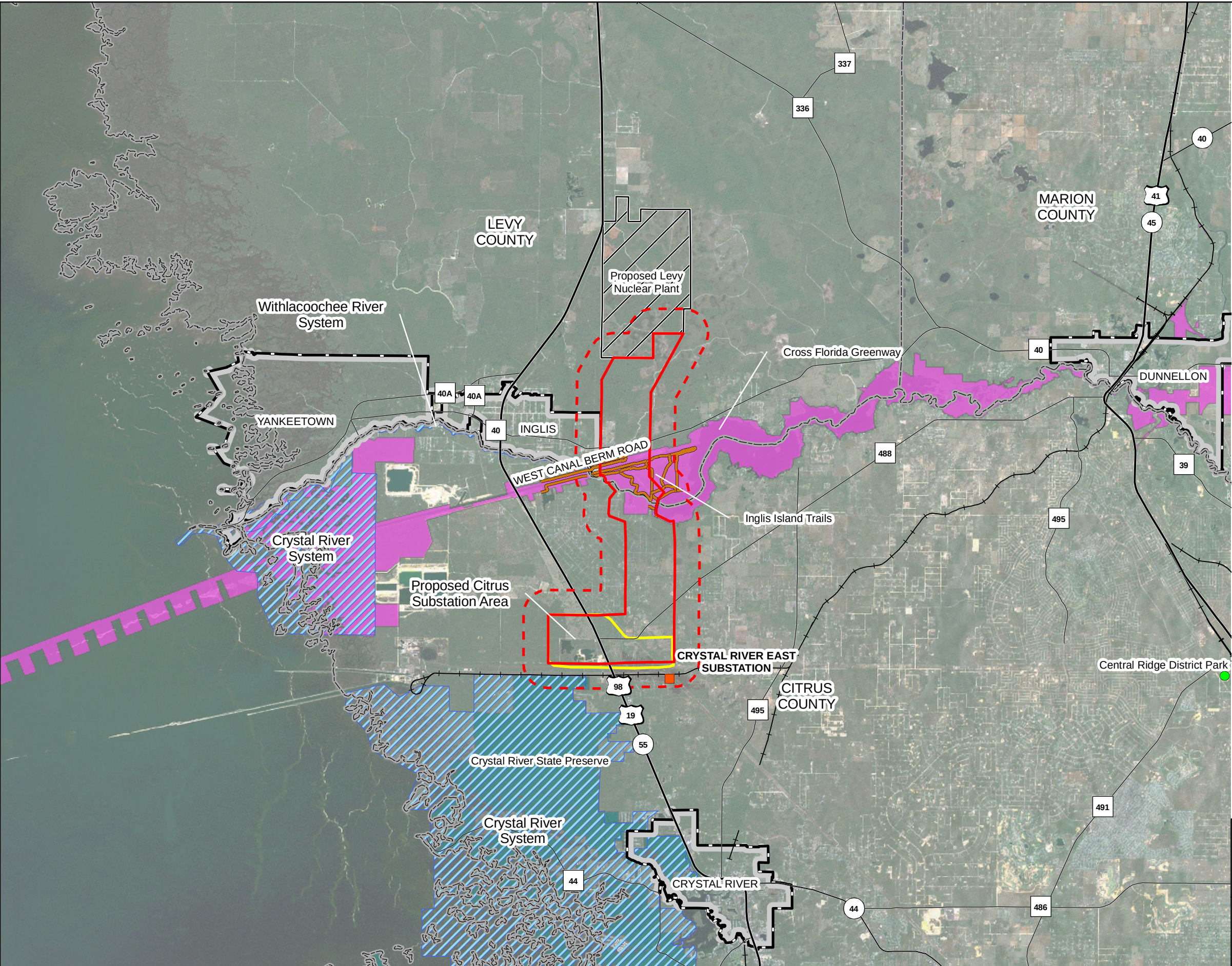


Note

Please note that the municipal boundaries are approximate.



Progress Energy Florida
Levy Nuclear Plant Units 1 and 2 Site Certification Application
LPC Corridor - Sectional Maps FIGURE A1.3-7 2 of 2
Rev 0



LEGEND

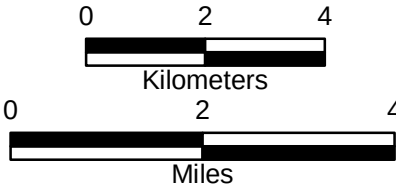
- Substations
- Park Location
- Interstate
- Toll Roads
- US Roads
- State Roads
- County Roads
- Railroad
- Existing Trail
- Corridor Boundary
- Corridor 0.5-mile Buffer
- General Area of Proposed Citrus Substation
- Proposed Levy Nuclear Plant
- County Boundary
- Municipalities
- Outstanding Florida Waters

Note

1. Please note that the municipality boundaries are approximate.

Sources

Substations & Proposed Levy Nuclear Power Plant: Progress Energy Florida, 2008
Florida County Boundaries: US Census Bureau, 2003
Roads: Florida Department of Transportation, 2008
Corridors & General Areas of Proposed Substations: Golder Associates Inc. & Progress Energy Florida, 2008
Railroads: Florida Geographic Data Library, 1992
Florida Managed Areas, Parks, and Existing Trails: Florida Geographic Data Library, 2007
Municipalities: University of Florida GeoPlan Center, 2005 with Golder update, 2008



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

LPC
Governmental Jurisdictions
FIGURE 9-A1.3-8

Citrus County FLU

- Agriculture
- Low Intensity Coastal and Lakes
- Coastal Lakes Commercial
- Conservation
- Central Ridge Residential
- Extractive
- General Commercial
- High Density Residential
- Industrial
- Low Density Residential
- Medium Density Residential
- Mobile Home Park
- Public/Semi-Public, Institutional
- Professional Services/Office
- Rural Activity Center
- Recreation
- Residential Mixed Use
- Rural Residential
- Recreational Vehicle Park
- Transportation, Communication and Utilities

Levy County FLU

- City or Town
- Forestry / Rural Residential
- Low Density Residential
- Natural Reservation
- Public
- Rural Residential

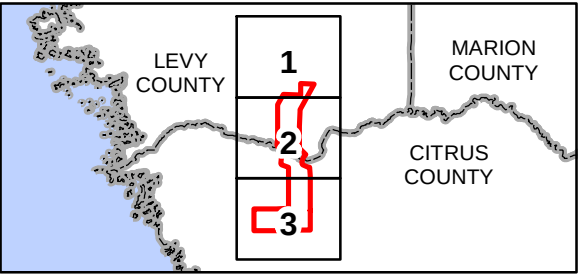
Town of Inglis FLU *

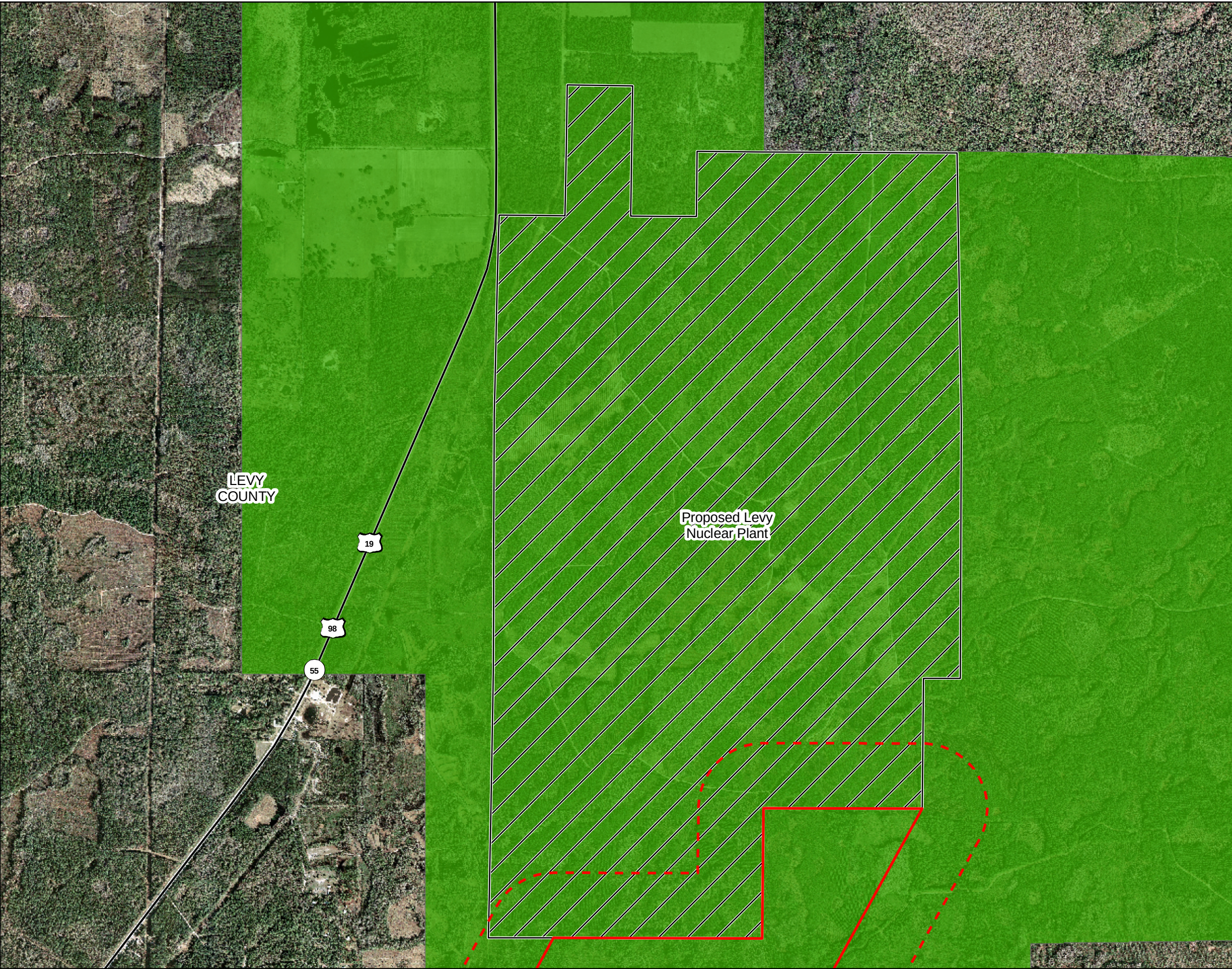
- Commercial
- Conservation
- Educational/Public Buildings & Grounds/Other
- Existing Wellhead Protection Area
- Mobile Home Parks
- Recreational
- Single Family Residential - Low Density (site built or manufactured homes, schools)
- Single Family Residential - Low Density (site built, manufactured homes, schools)
- Timber (Silviculture)
- Utility

Sources

Legend keys - county and municipal future land use data identified from applicable Comprehensive Plans

* Town of Inglis information was obtained from Withlacoochee Regional Planning Council

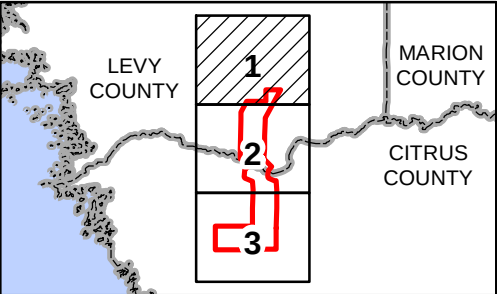




LEGEND

- Substations
- Interstate
- Toll Roads
- US Roads
- State Roads
- County Roads
- Railroad
- Corridor Boundary
- Corridor Boundary 0.25-mile Buffer
- General Area of Proposed Citrus Substation
- Proposed Levy Nuclear Plant
- County Boundary
- Municipalities

MAP KEY

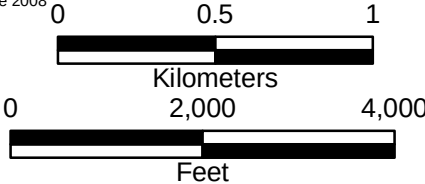


Note

- 1. See Figure 9-A1.3-9A for Future Land Use legend
- 2. Please note that municipality boundaries are approximate

Sources

Substations: Progress Energy Florida, 2007
Future Land Use: Citrus County, Levy County Planning Departments, 2008
The Town of Inglis data was obtained through the Withlacoochee Regional Planning Council, 2008
Aerials: Aerials Express, 2007
Florida County Boundaries: US Census Bureau, 2003
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
Municipalities: University of Florida GeoPlan Center, 2005 with Golder update 2008

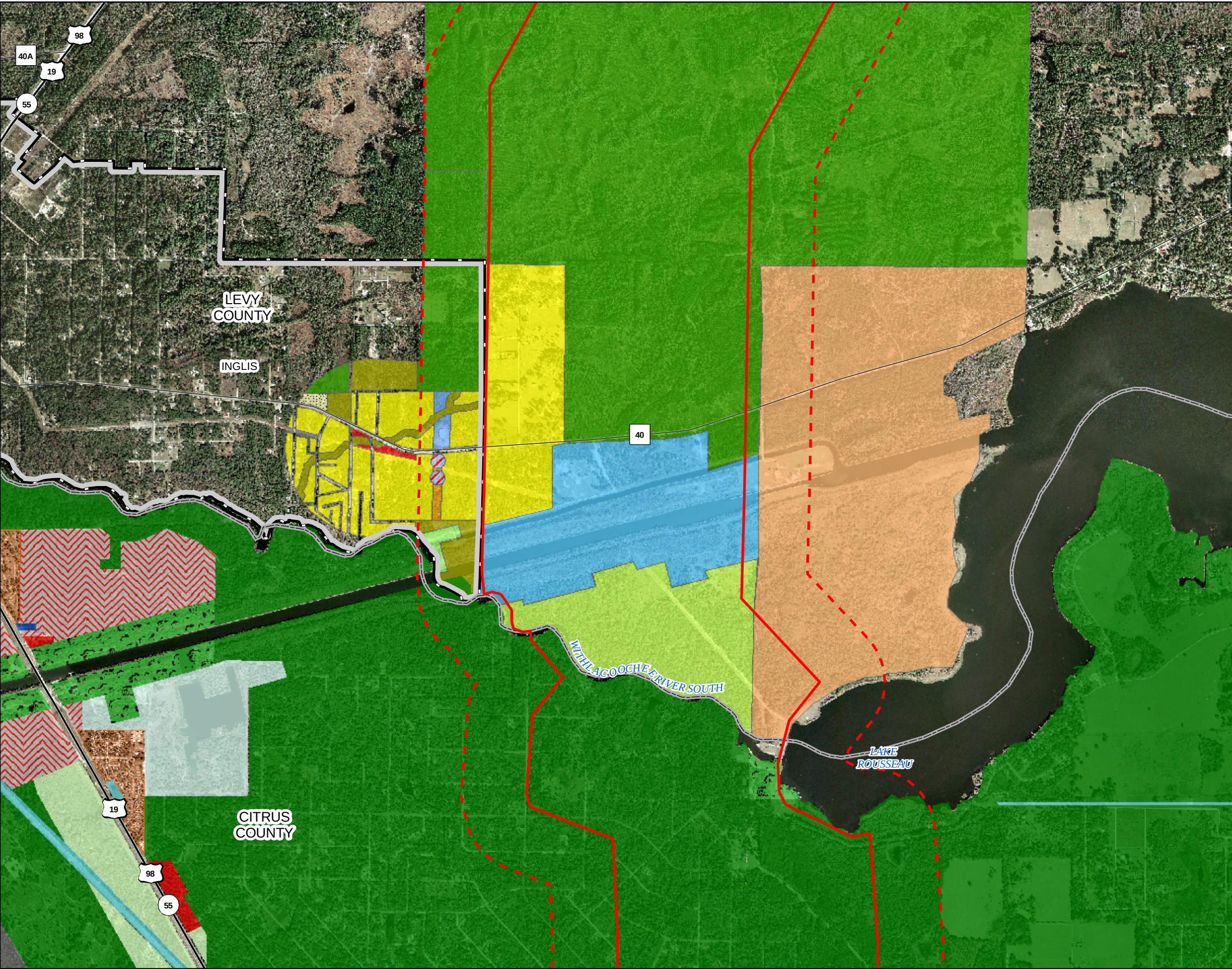


Progress Energy Florida

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

LPC
Future Land Use
FIGURE 9-A1.3-9
1 OF 3

Rev 0

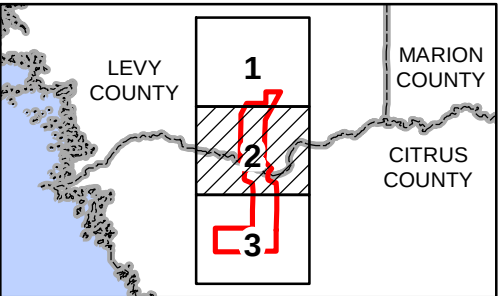


LEGEND

- Substations
- Interstate
- Toll Roads
- US Roads
- State Roads
- County Roads
- Railroad
- Corridor Boundary
- Corridor Boundary 0.25-mile Buffer
- General Area of Proposed Citrus Substation
- Proposed Levy Nuclear Plant
- County Boundary
- Municipalities



MAP KEY

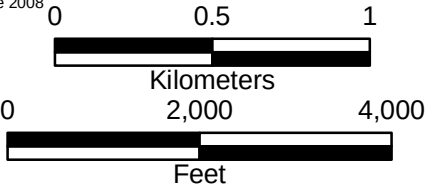


Note

- See Figure 9-A1.3-9A for Future Land Use legend
- Please note that municipality boundaries are approximate

Sources

Substations: Progress Energy Florida, 2007
Future Land Use: Citrus County, Levy County Planning Departments, 2008
The Town of Inglis data was obtained through the Withlacoochee Regional Planning Council, 2008
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Railroads: Florida Geographic Data Library, 1992
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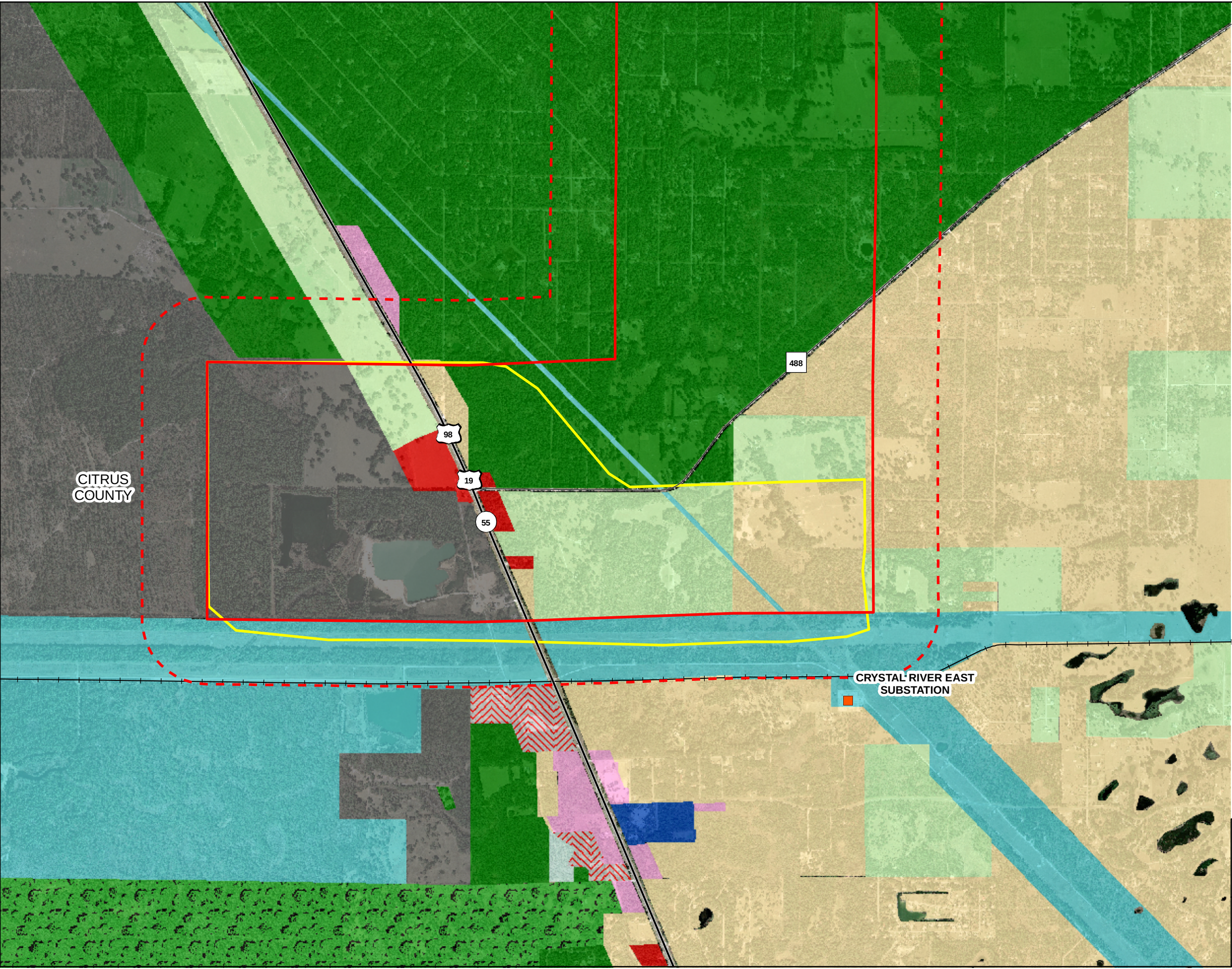


Progress Energy Florida

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

LPC
Future Land Use
FIGURE 9-A1.3-9
2 OF 3

Rev 0

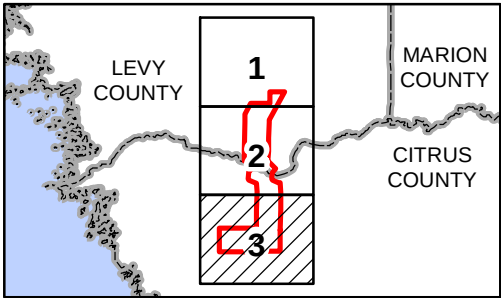


LEGEND

- Substations
- Interstate
- Toll Roads
- US Roads
- State Roads
- County Roads
- Railroad
- Corridor Boundary
- Corridor Boundary 0.25-mile Buffer
- General Area of Proposed Citrus Substation
- Proposed Levy Nuclear Plant
- County Boundary
- Municipalities



MAP KEY

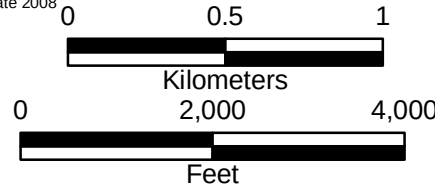


Note

- See Figure 9-A1.3-9A for Future Land Use legend
- Please note that municipality boundaries are approximate

Sources

Substations: Progress Energy Florida, 2007
Future Land Use: Citrus County, Levy County Planning Departments, 2008
The Town of Inglis data was obtained through the Withlacoochee Regional Planning Council, 2008
Aerials: Aerials Express, 2007
Florida County Boundaries: US Census Bureau, 2003
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
Municipalities: University of Florida GeoPlan Center, 2005 with Golder update 2008



Progress Energy Florida

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

LPC
Future Land Use
FIGURE 9-A1.3-9
3 OF 3

Rev 0

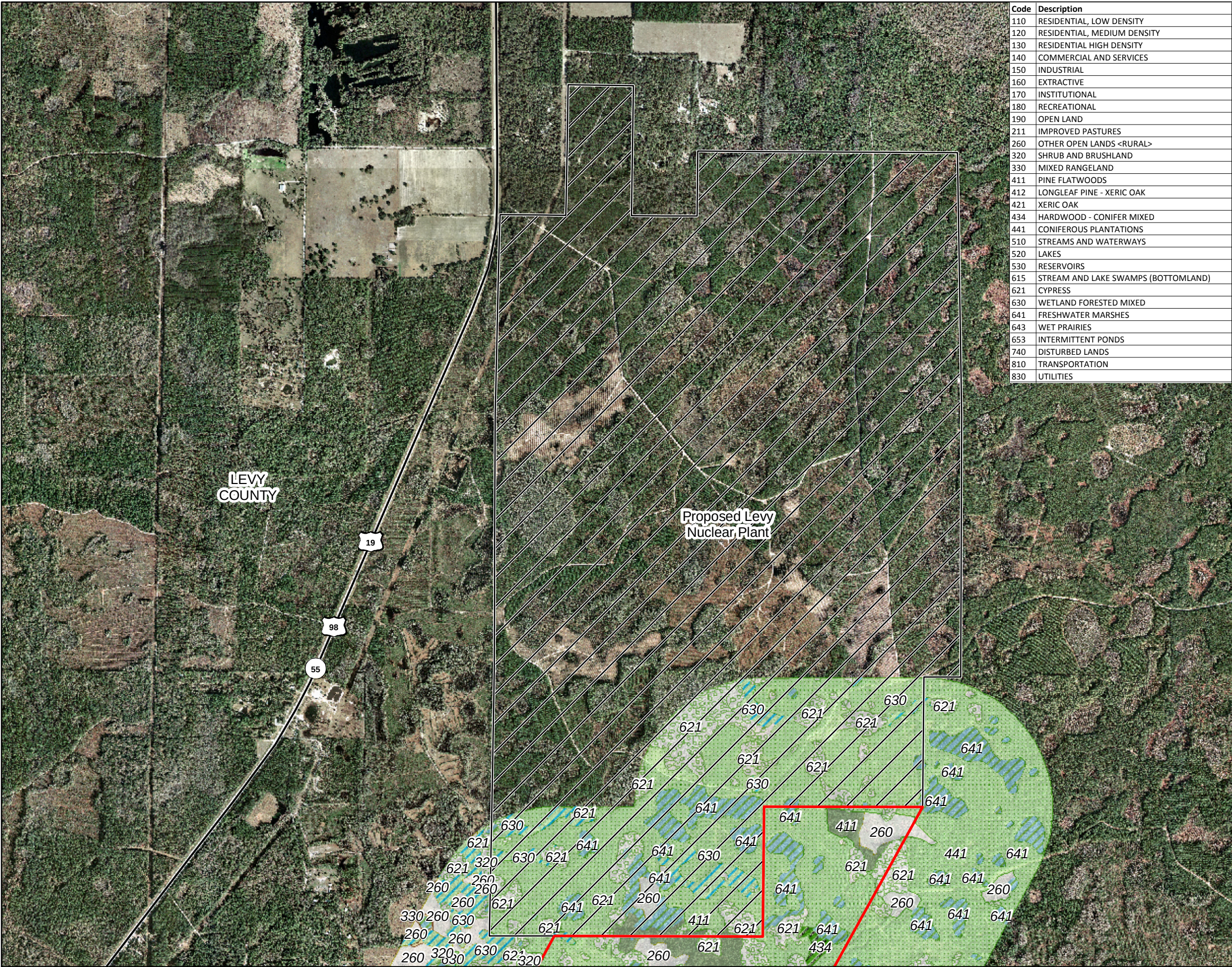
Land Use and Land Cover
FLUCCS Level 3

- 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

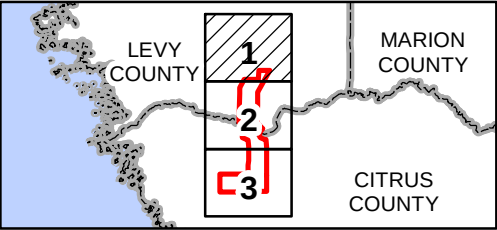


Code	Description
110	RESIDENTIAL, LOW DENSITY
120	RESIDENTIAL, MEDIUM DENSITY
130	RESIDENTIAL HIGH DENSITY
140	COMMERCIAL AND SERVICES
150	INDUSTRIAL
160	EXTRACTIVE
170	INSTITUTIONAL
180	RECREATIONAL
190	OPEN LAND
211	IMPROVED PASTURES
260	OTHER OPEN LANDS <RURAL>
320	SHRUB AND BRUSHLAND
330	MIXED RANGELAND
411	PINE FLATWOODS
412	LONGLEAF PINE - XERIC OAK
421	XERIC OAK
434	HARDWOOD - CONIFER MIXED
441	CONIFEROUS PLANTATIONS
510	STREAMS AND WATERWAYS
520	LAKES
530	RESERVOIRS
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
621	CYPRESS
630	WETLAND FORESTED MIXED
641	FRESHWATER MARSHES
643	WET PRAIRIES
653	INTERMITTENT PONDS
740	DISTURBED LANDS
810	TRANSPORTATION
830	UTILITIES

LEGEND

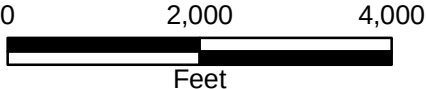
- Substations
- Eagle's Nest
- FNAI Observed Species
- Species Observed by Golder
- Interstate
- Toll Roads
- US Roads
- State Roads
- County Roads
- Railroad
- Corridor Boundary
- General Area of Proposed Citrus Substation
- Proposed Levy Nuclear Plant
- County Boundary
- Municipalities

MAP KEY



Note
1. Please note that municipality boundaries are approximate

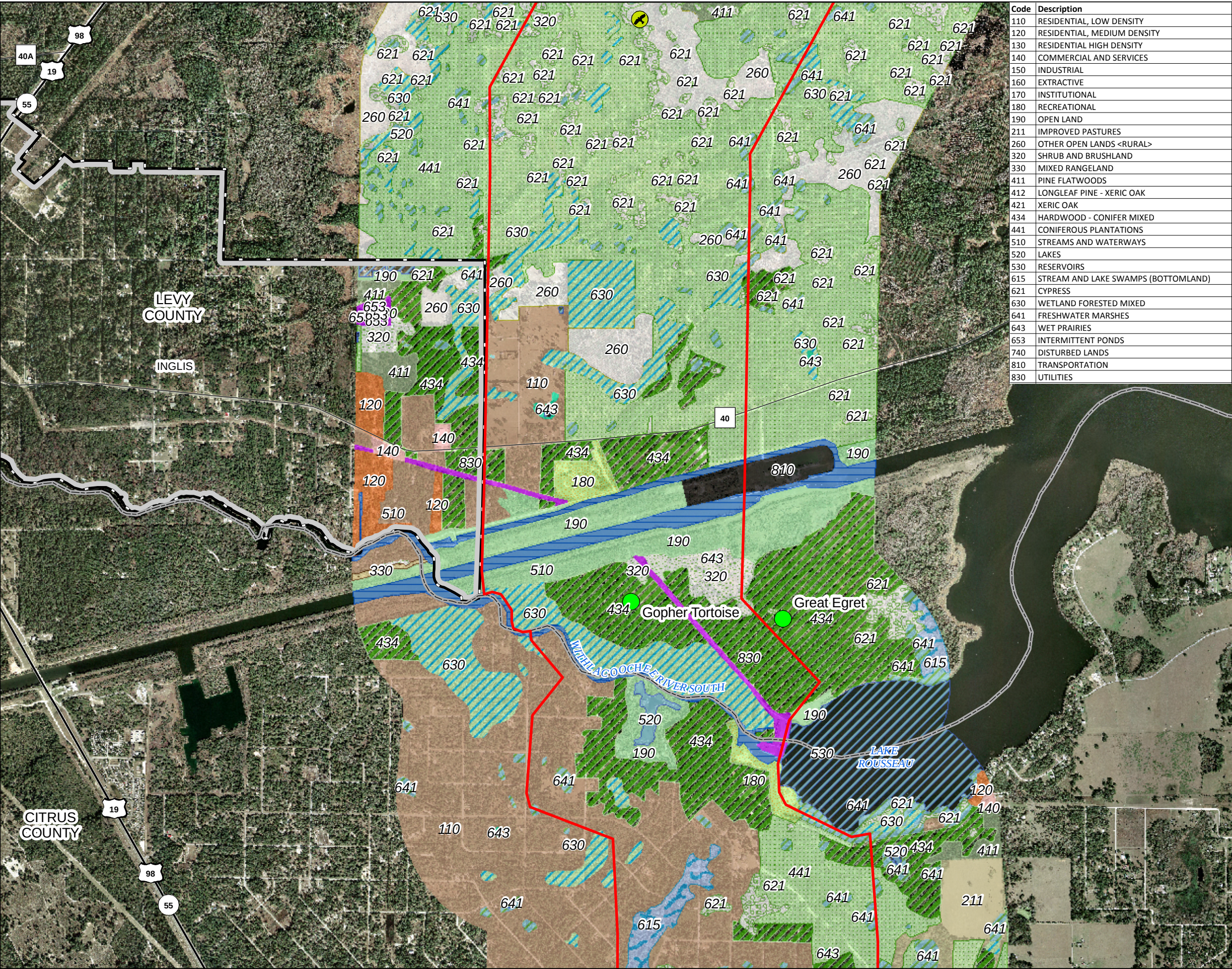
Sources
Substations, Proposed Levy Nuclear Power Plant, and Existing Transmission: Progress Energy Florida, 2008
Florida County Boundaries: US Census Bureau, 2003
Roads: Florida Department of Transportation, 2008
Railroads: Florida Geographic Data Library, 1992
FNAI Observed Species: Florida Natural 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**

LPC
Existing Land Use and Land Cover
FIGURE 9-A1.3-10
1 OF 3

Rev 0

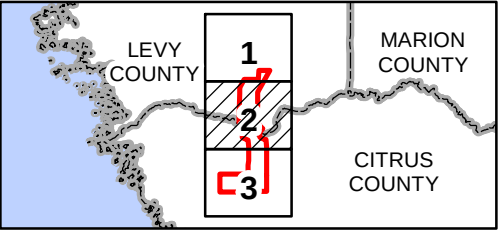


Code	Description
110	RESIDENTIAL, LOW DENSITY
120	RESIDENTIAL, MEDIUM DENSITY
130	RESIDENTIAL HIGH DENSITY
140	COMMERCIAL AND SERVICES
150	INDUSTRIAL
160	EXTRACTIVE
170	INSTITUTIONAL
180	RECREATIONAL
190	OPEN LAND
211	IMPROVED PASTURES
260	OTHER OPEN LANDS <RURAL>
320	SHRUB AND BRUSHLAND
330	MIXED RANGELAND
411	PINE FLATWOODS
412	LONGLEAF PINE - XERIC OAK
421	XERIC OAK
434	HARDWOOD - CONIFER MIXED
441	CONIFEROUS PLANTATIONS
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520	LAKES
530	RESERVOIRS
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
621	CYPRESS
630	WETLAND FORESTED MIXED
641	FRESHWATER MARSHES
643	WET PRAIRIES
653	INTERMITTENT PONDS
740	DISTURBED LANDS
810	TRANSPORTATION
830	UTILITIES

LEGEND

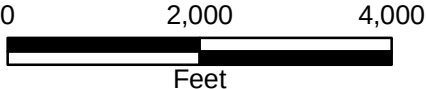
- Substations
- Eagle's Nest
- FNAI Observed Species
- Species Observed by Golder
- Interstate
- Toll Roads
- US Roads
- State Roads
- County Roads
- Railroad
- Corridor Boundary
- General Area of Proposed Citrus Substation
- Proposed Levy Nuclear Plant
- County Boundary
- Municipalities

MAP KEY



Note
1. Please note that municipality boundaries are approximate

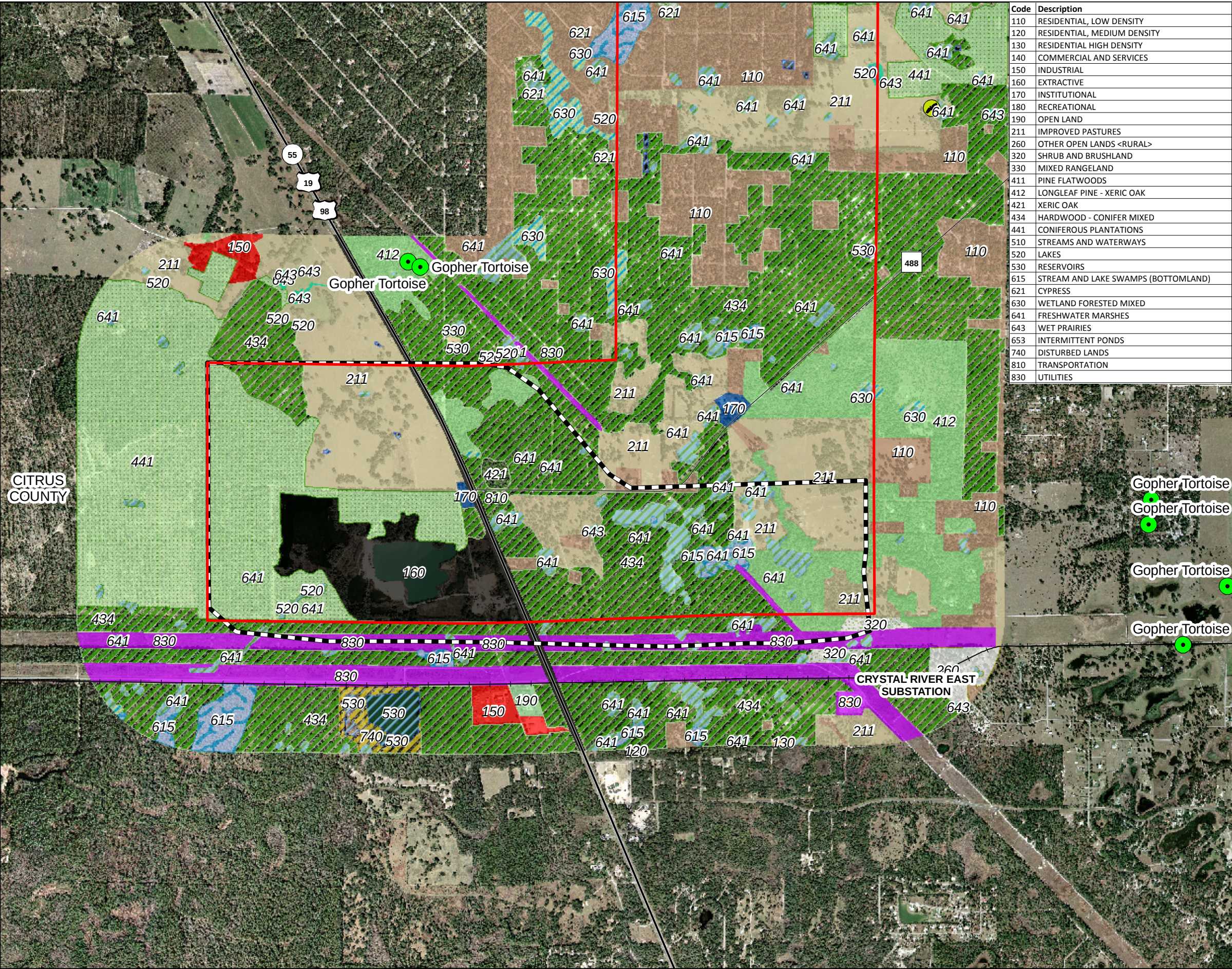
Sources
Substations, Proposed Levy Nuclear Power Plant, and Existing Transmission: Progress Energy Florida, 2008
Florida County Boundaries: US Census Bureau, 2003
Roads: Florida Department of Transportation, 2008
Railroads: Florida Geographic Data Library, 1992
FNAI Observed Species: Florida Natural Areas Inventory, 2008
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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**

LPC
Existing Land Use and Land Cover
FIGURE 9-A1.3-10
2 OF 3

Rev 0

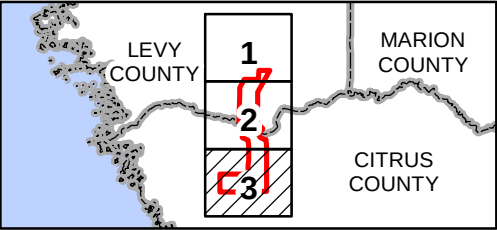


Code	Description
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120	RESIDENTIAL, MEDIUM DENSITY
130	RESIDENTIAL HIGH DENSITY
140	COMMERCIAL AND SERVICES
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160	EXTRACTIVE
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643	WET PRAIRIES
653	INTERMITTENT PONDS
740	DISTURBED LANDS
810	TRANSPORTATION
830	UTILITIES

LEGEND

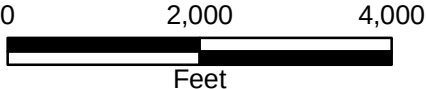
- Substations
- Eagle's Nest
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- Species Observed by Golder
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- US Roads
- State Roads
- County Roads
- Railroad
- Corridor Boundary
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- Proposed Levy Nuclear Plant
- County Boundary
- Municipalities

MAP KEY



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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**

LPC
Existing Land Use and Land Cover
FIGURE 9-A1.3-10
3 OF 3

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