



## **Southern Corkscrew Regional Ecosystem Watershed Wetland Restoration Project**

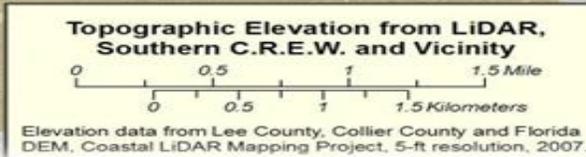
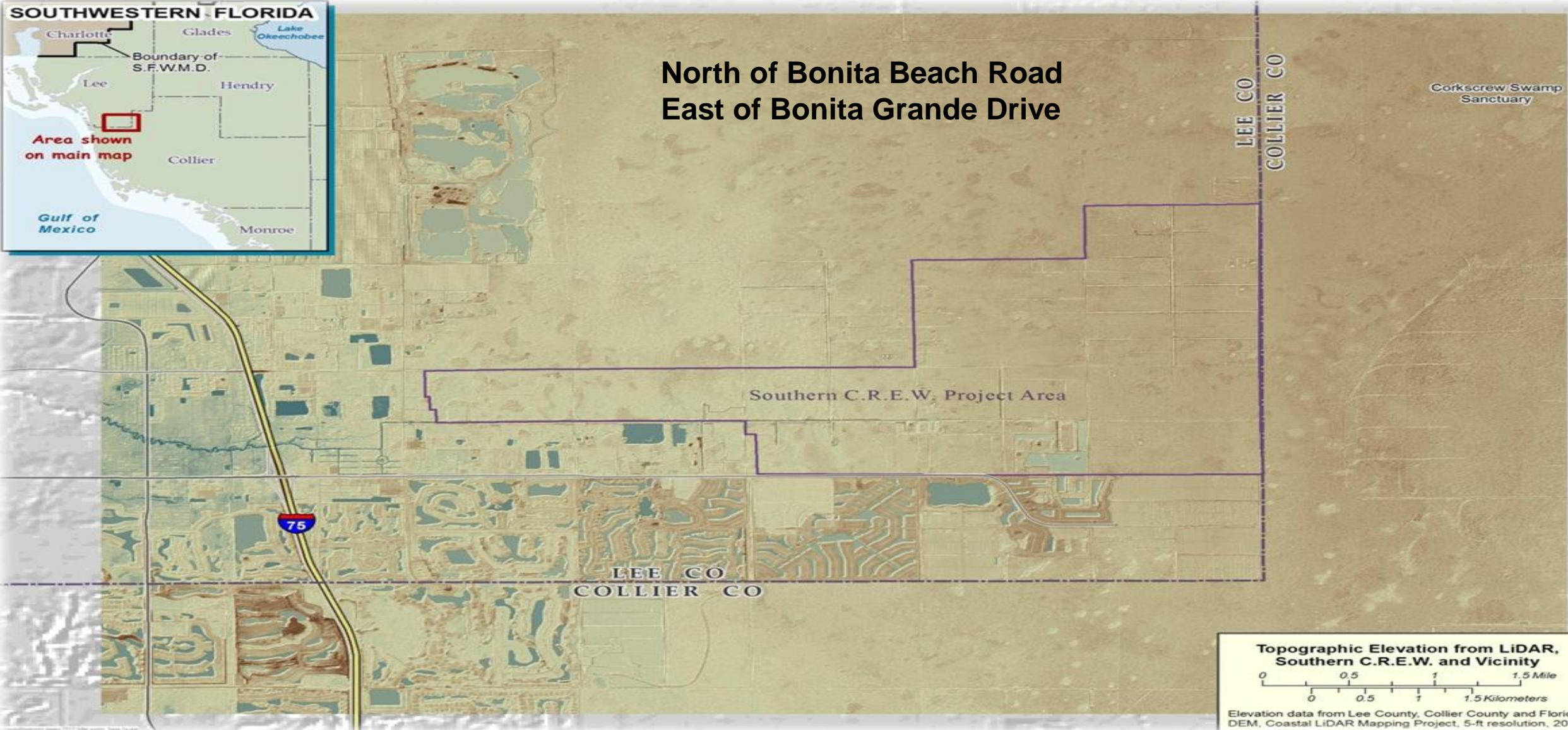
**Janet Starnes, Principal Project Manager  
South Florida Water Management District**



# Project Location



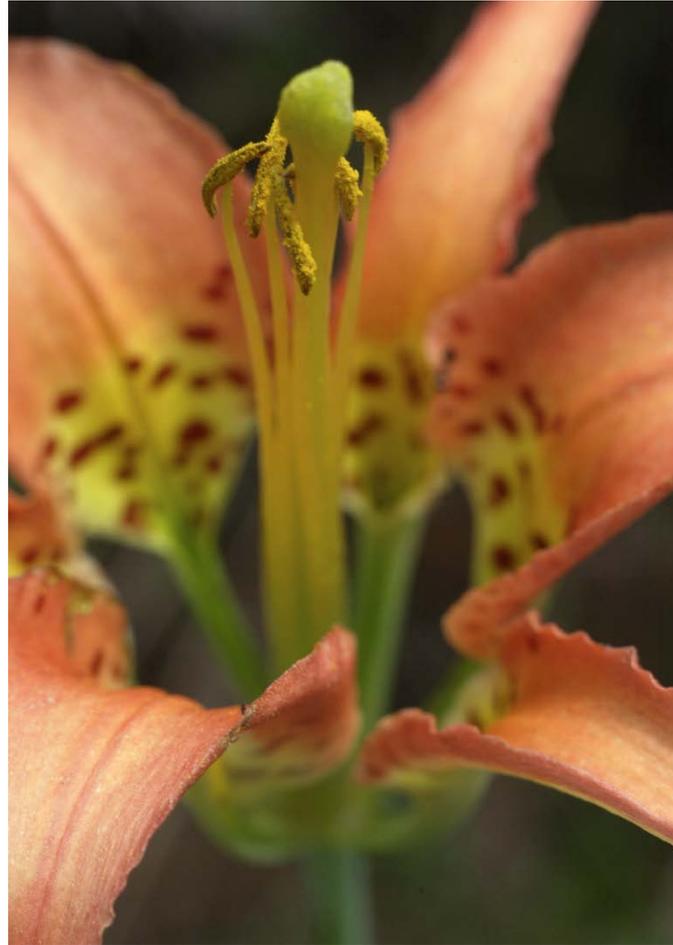
North of Bonita Beach Road  
East of Bonita Grande Drive





# Project Goals and Objectives

- **Restore and improve hydrology** and ecology without significant adverse impacts outside the project boundary
- No significant increase or decrease in peak discharges or flow depths in the **Imperial River**
- **Increase hydroperiod** within project boundary
- **Improve habitat**



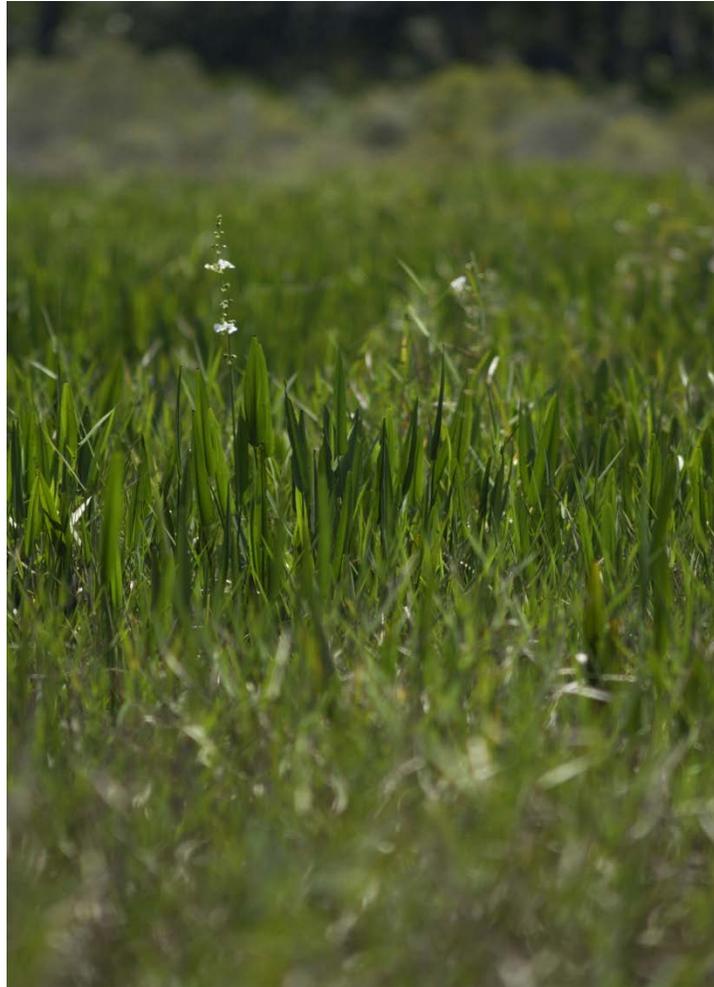
Pine lily





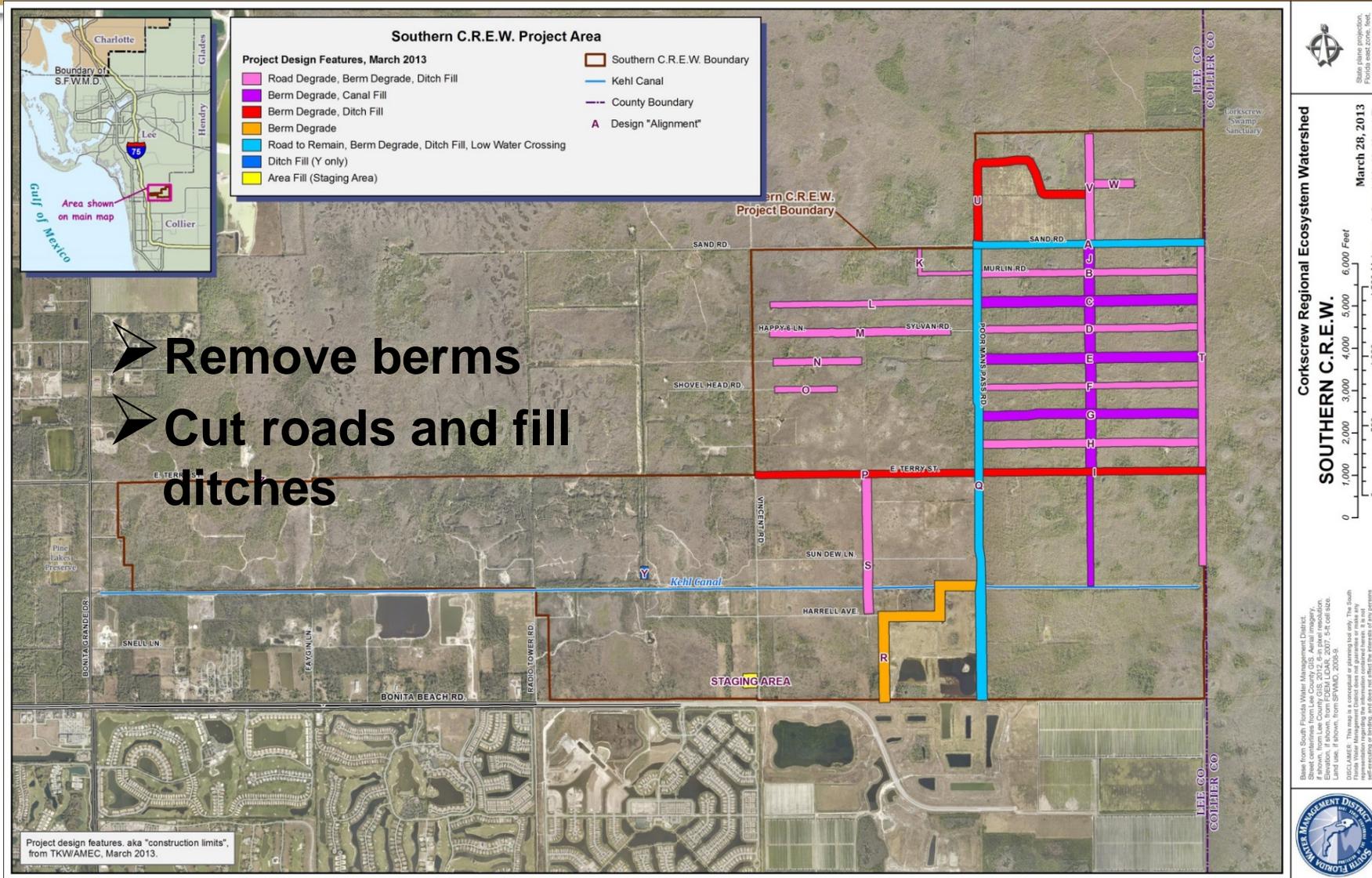
# Project Summary

- Restores the hydrology and ecology of 4,150 acres
  - Creates 256 acres of wetlands from uplands
  - Improves the hydrology of 1,520 acres
- Degrade approximately 10 miles of roads
- Remove existing spoil piles
- Fill drainage ditches and canals
- Degrade berms within the project area
- Exotic vegetation removal





# Final Design



➤ Remove berms  
➤ Cut roads and fill ditches

Project design features, aka "construction limits", from TKWAMEC, March 2013.





# Construction Details

Construction Award: \$2.9 million

- Enviro-Tech Systems

Construction began February 29, 2016

Construction complete May 5, 2018

Access maintained to northern properties

Closed to the public during construction

- FWCC and Contractor posted signage



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# Protected Species Management

- Bonneted Bat
- Fox Squirrel
- Eastern Indigo Snake
- Bald Eagle
- Wood Stork
- Florida Panther
- Caracara
- Gopher Tortoise
- Migratory Birds



Bonneted Bat



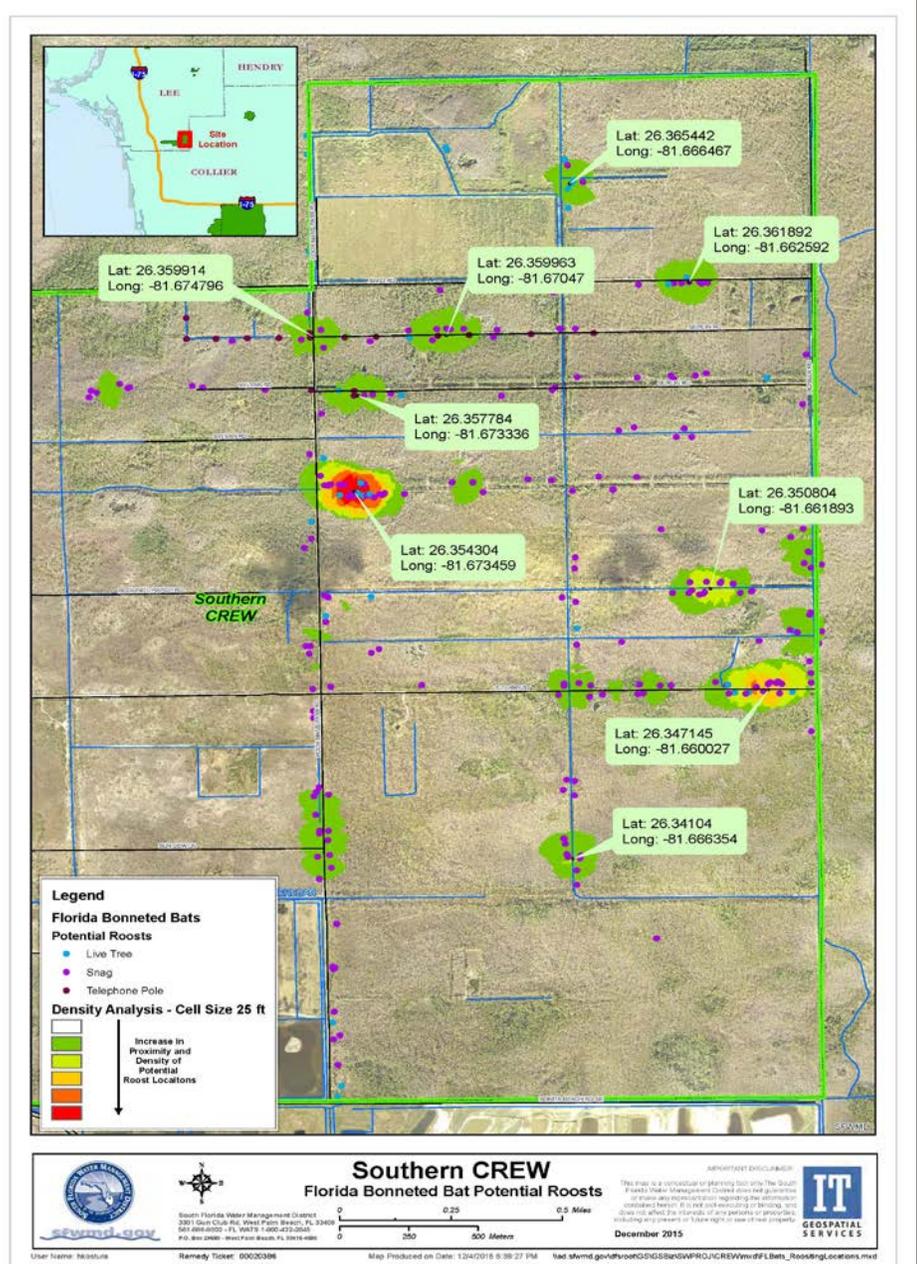
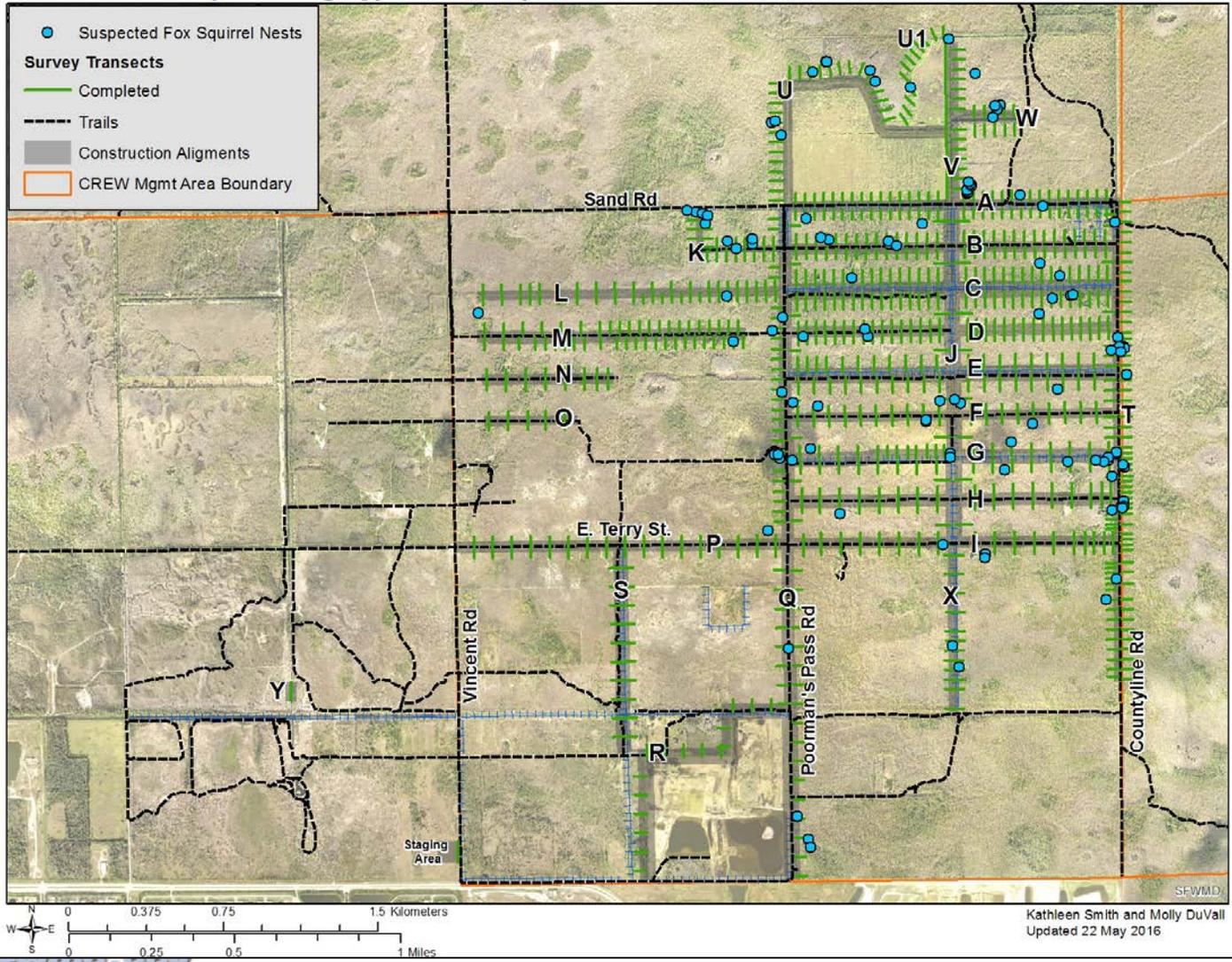
Fox Squirrel





# Protected Species Verification

Suspected Big Cypress Fox Squirrel Nest Locations - Southern Critical CREW





# February/March 2016 Construction Activities



**Very wet conditions**





# May 2016 Construction Activities





# May 2016 Construction Activities





# December 2016 Construction Activities





# January 2017 Construction Activities



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# April 2017 Construction Activities



2017.04.19 09:56



# July 2017 Construction Activities





# February 2018 Construction Activities



2018.02.07 14:14



# Land Management

Property managed as part of CREW Lands

