

# **Southern CREW Critical Project**

**Workshop Briefing to the Governing Board**

**June 11, 2008**

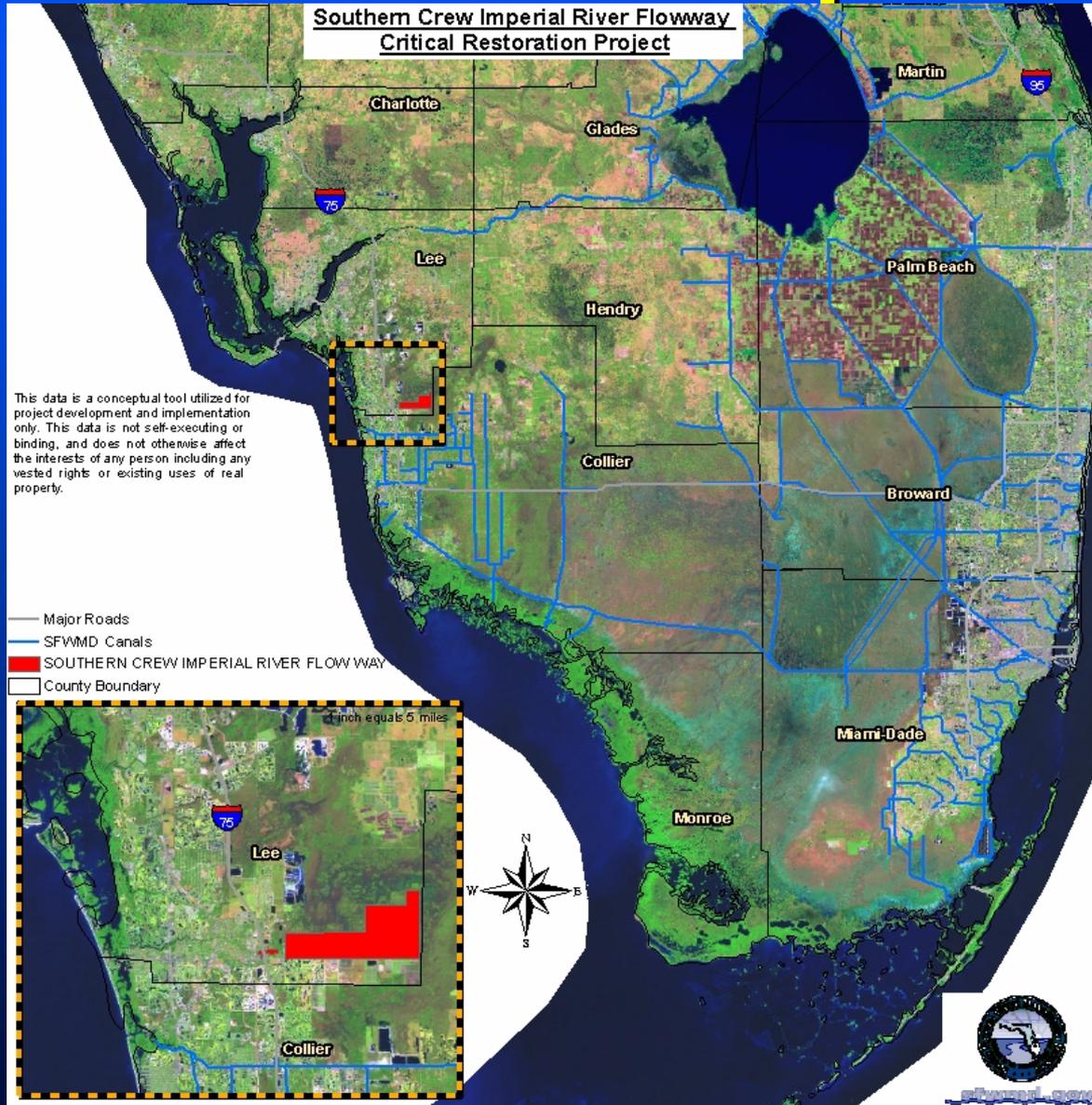
**Dewey Worth, Dir. Southern Everglades Restoration  
Planning Division**

**Everglades Restoration Resource Area**

# Reason for Briefing

- **Project Overview**
- **Funding Options**
- **Finalize Project Footprint**
- **Begin Permitting Process**

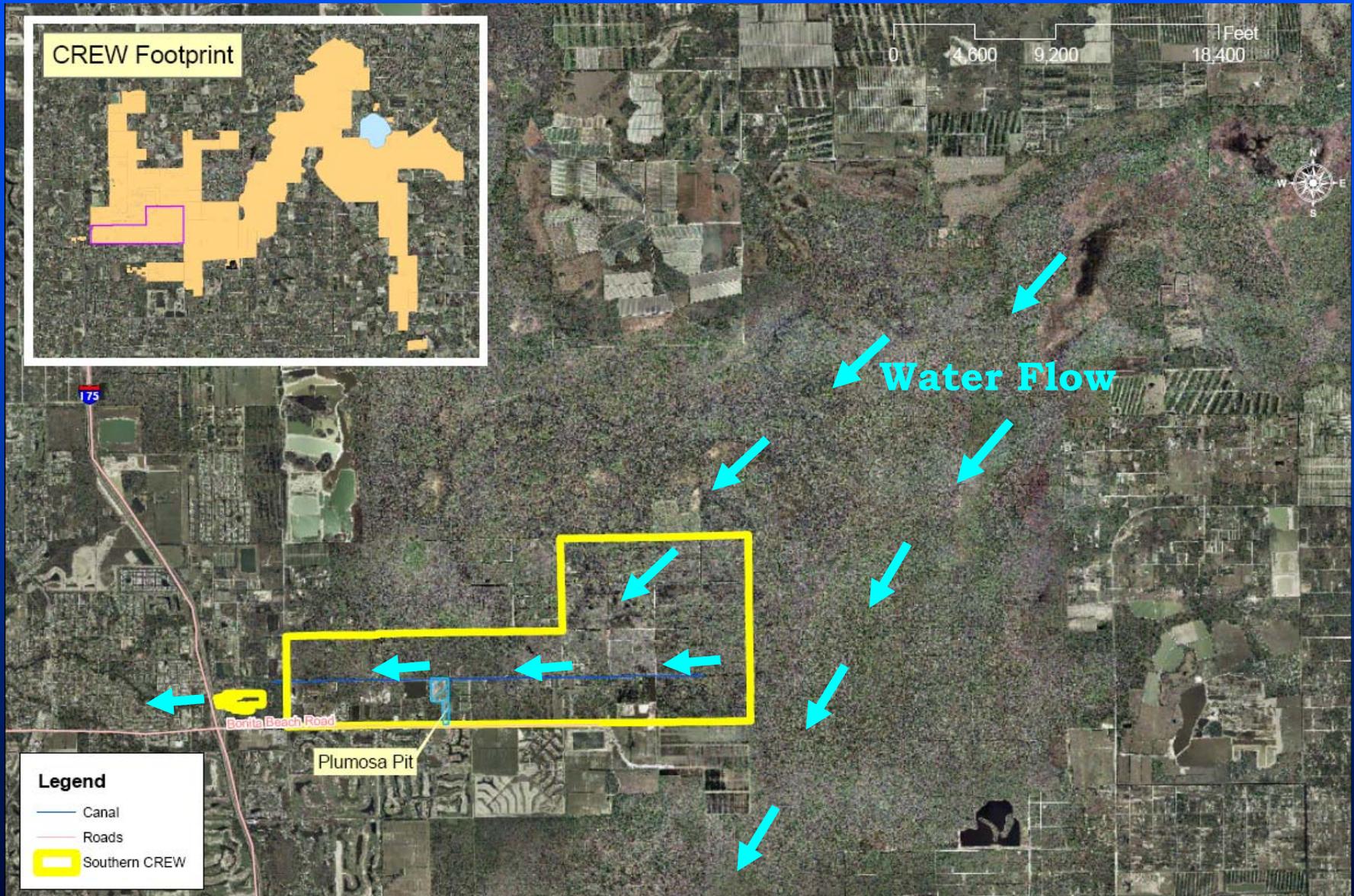
# Location Map



# **Southern Crew Critical Project**

- **Established due to local flooding impacts (1995) and rapid conversion of habitat to development**
- **1999 Environmental Assessment Released – evaluated alternatives and recommended current plan**
  - **Up to 4,670 ac land acquisition**
  - **Removal of buildings, roads and ditches obstructing sheet flow**
  - **Imperial River flow Improvements (channel clearing)**

# Overall CREW Watershed



# **Project Completion to Date**

## **Efforts to Restore Historic Wetland Sheetflow**

- **acquired 3,770 acres**
- **removed exotics from 4 square miles**
- **removed 44 homes/trailers**
- **plugged 33 ditches and cut 33 roads**

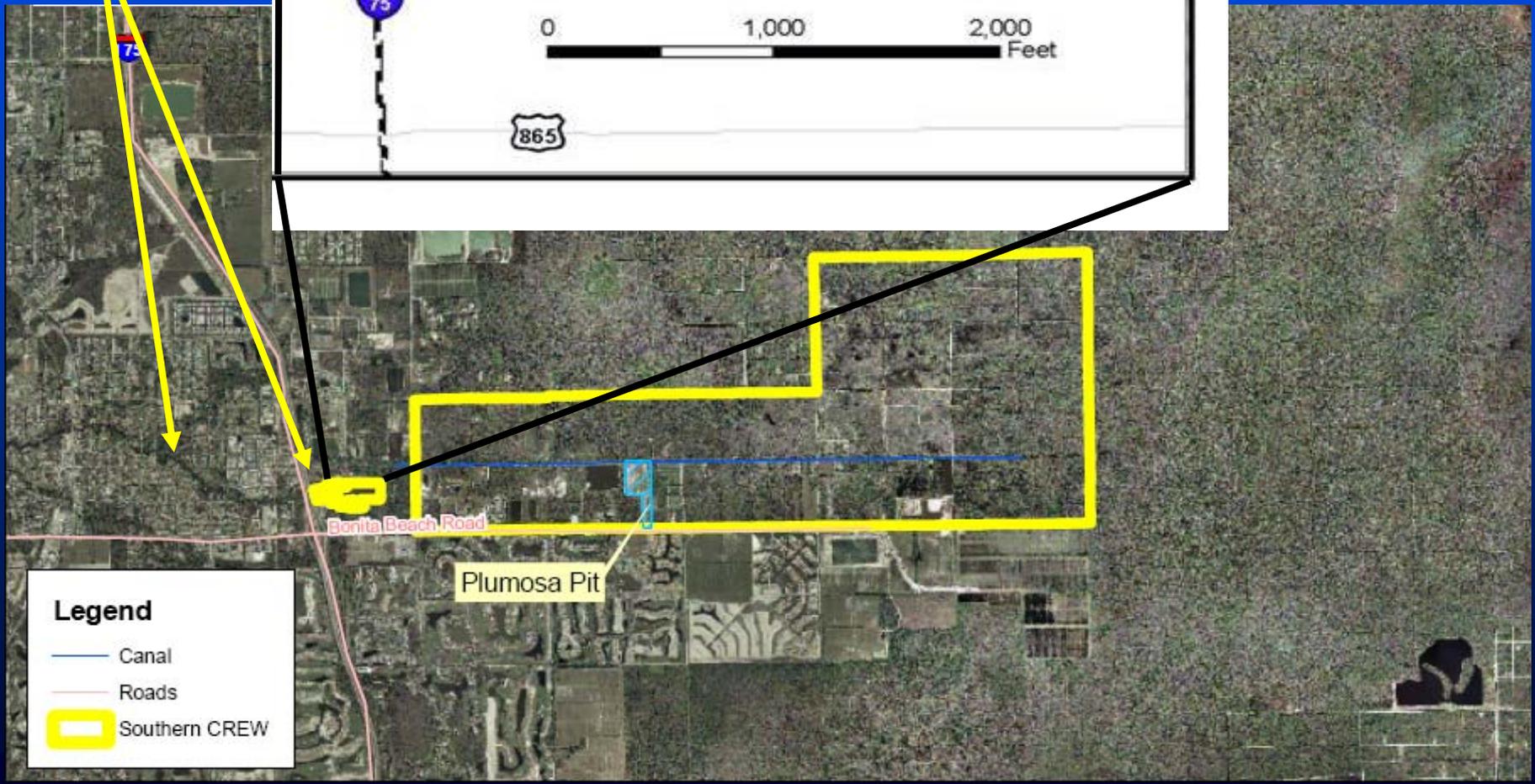
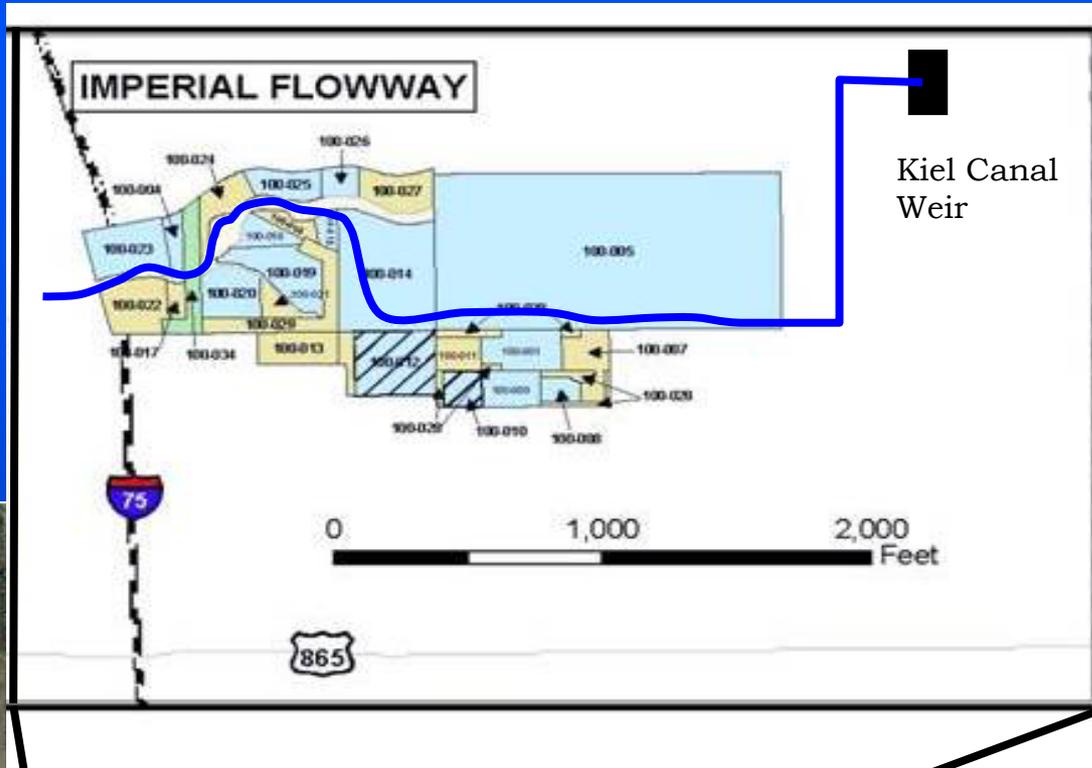
# **Work to be Completed**

- **Hydrologic study to determine water control elevations desirable**
- **Improve overland sheetflow - added road cuts and ditch plugs for remaining lands**
- **Construct flood protection berm**
- **Install culverts where necessary to ensure sheetflow**
- **Revise/add structures to Kehl Canal achieve hydrologic restoration**

# **Project Footprint Clarifications and Revisions**

- **Imperial Flow Way**
- **Lee County Requesting Parcels for CR 951**
- **Removal of South half of Section 32 and 33-  
discussed at past GB**
- **Determine boundary of south half of section 34**

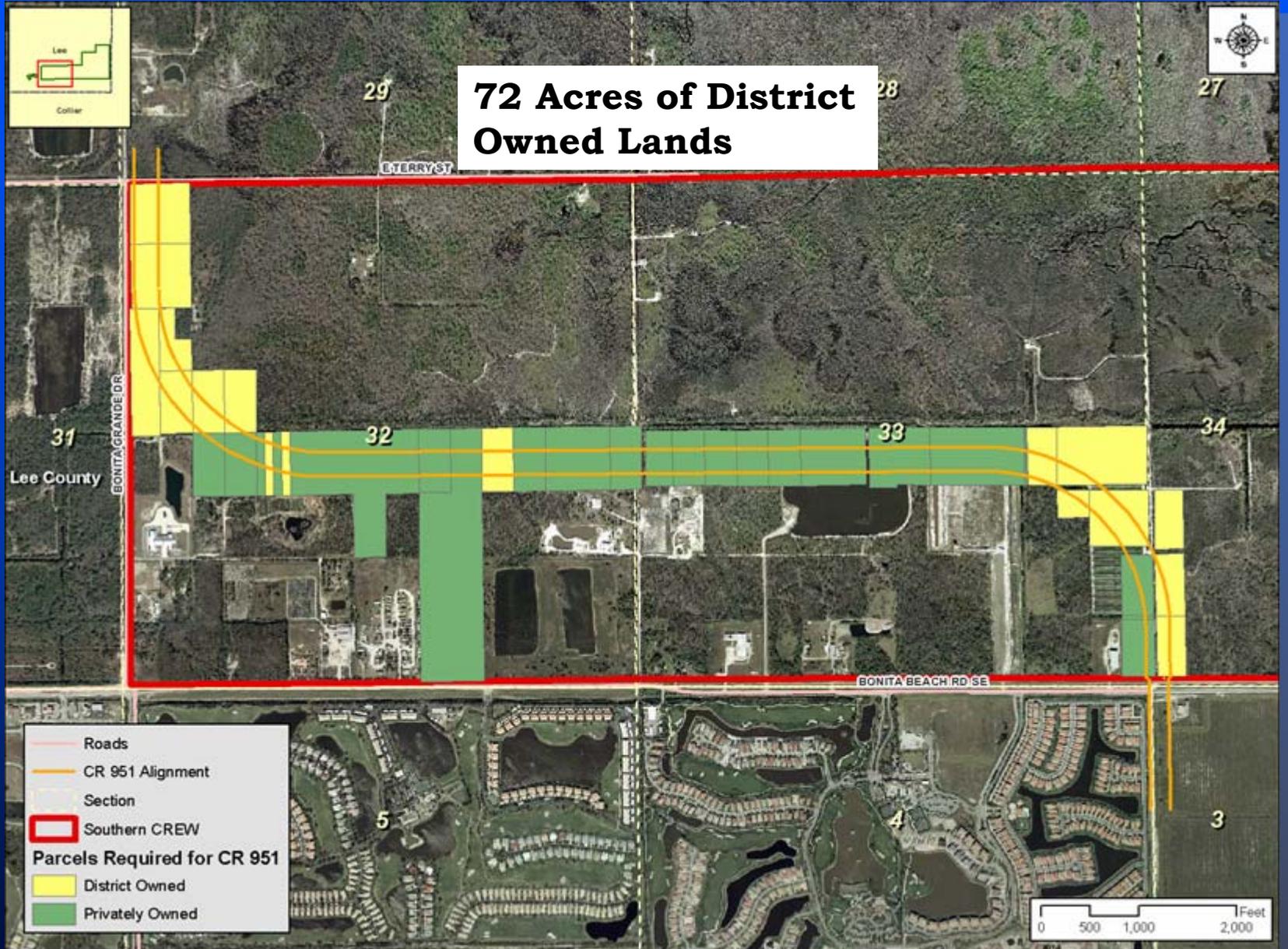
**Channel  
Clearing  
Completed**



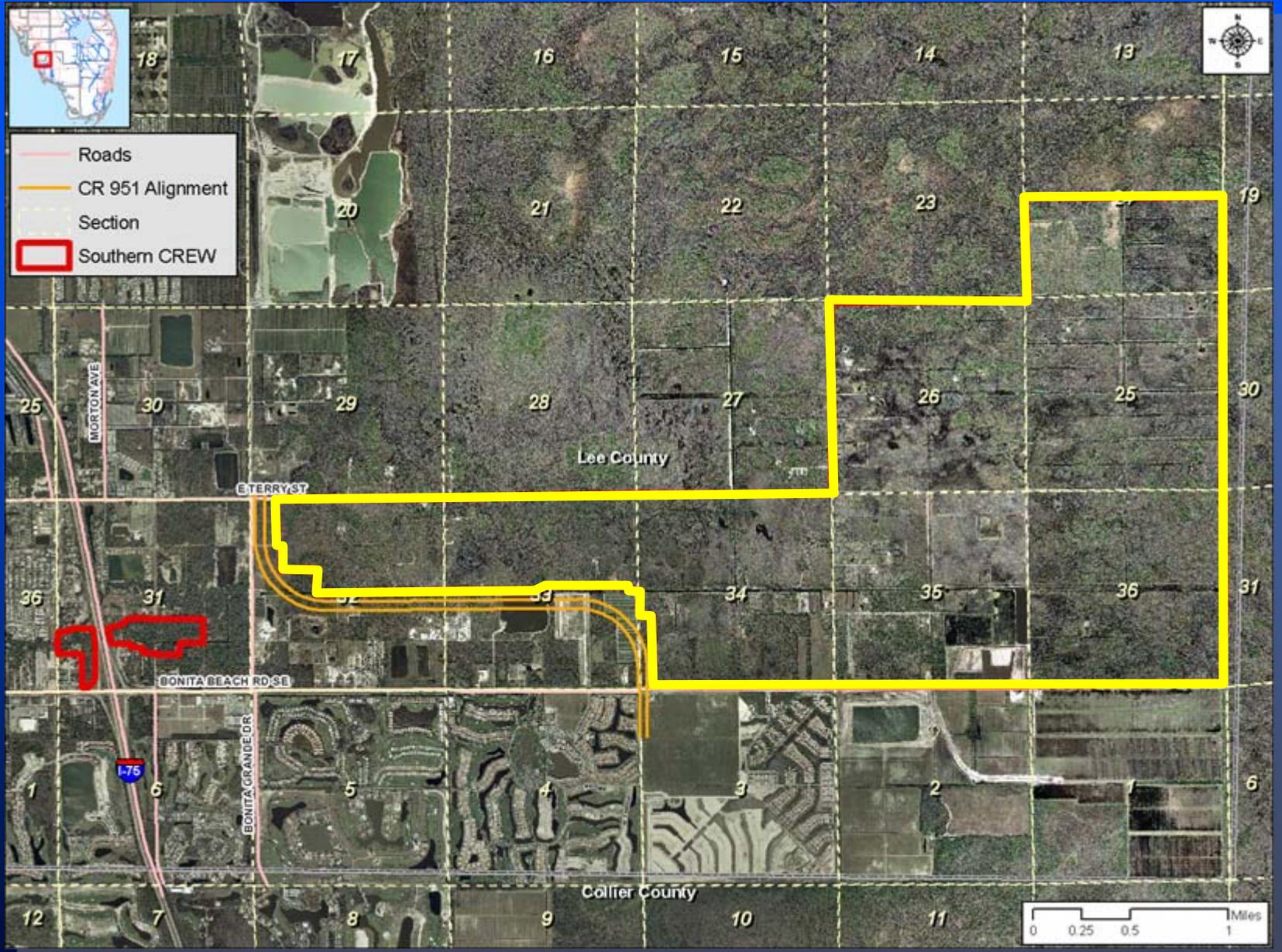
**Legend**

- Canal
- Roads
- ▭ Southern CREW

# Lee DOT Parcels required for proposed CR 951



# Project Footprint without south halves of Section 32 and 33





# **Options to Complete land Acquisition**

- **Lee County 20/20 land acquisition program**
- **Lee County DOT for CR951 Replacement**
- **Lee County DOT Mitigation for CR-951**
- **Priority Designation for Mitigation (non compete clause)**

## **Cons:**

- **No certainty when acquisitions will be completed**
- **Project duration extends indefinitely**
- **Hydrologic restoration delayed**

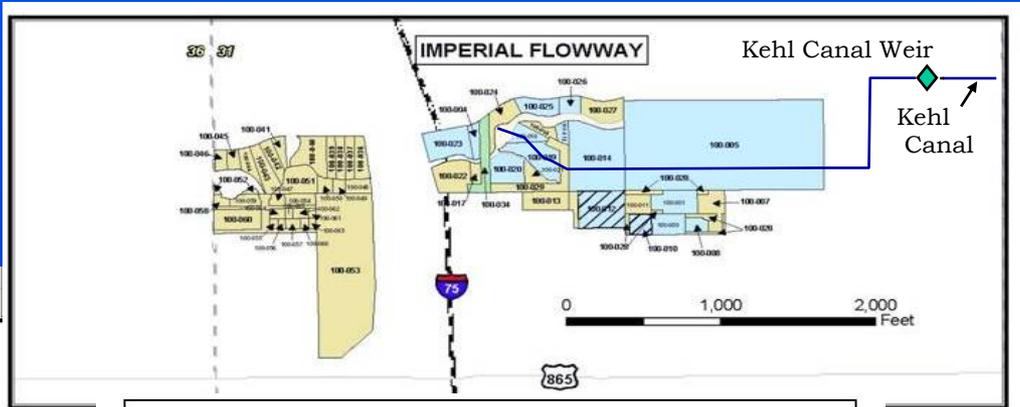
# Land Cost Estimates

	<b>Change in Acres</b>	<b>Cost Difference</b>	<b>Number other acres to acquire</b>	<b>Estimated Land Cost to Complete Project **</b>
<b>Restore all Section 34</b>	<b>90 purchase</b>	<b>\$6.0 M added expenses</b>	<b>250</b>	<b>\$16.6 M</b>
<b>Restore <math>\frac{3}{4}</math> Section 34</b>	<b>95 exchange</b>	<b>~\$3.8 M recoverable expenses</b>	<b>250</b>	<b>\$6.8 M</b>
<b>Delete Lower <math>\frac{1}{2}</math> Section 34</b>	<b>210 exchange</b>	<b>~\$7.1 M recoverable expenses</b>	<b>250</b>	<b>\$3.5 M</b>

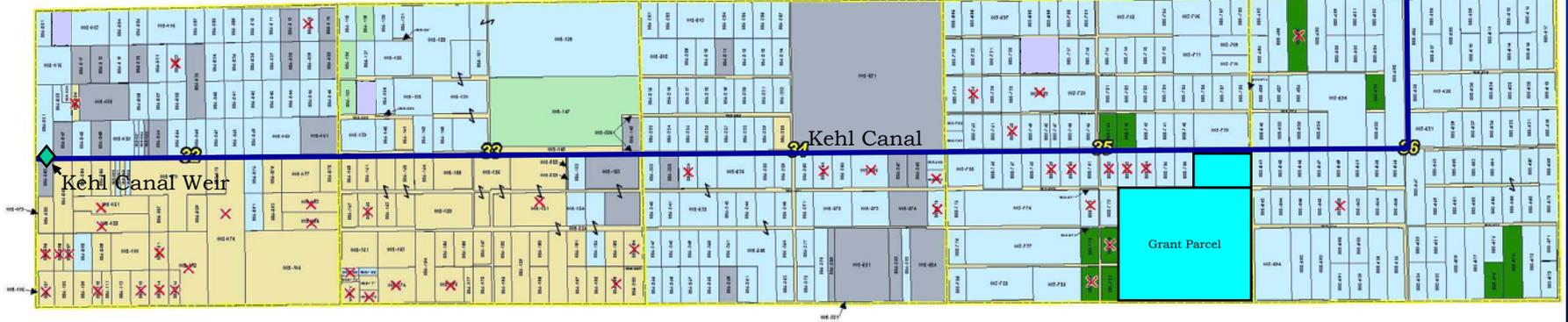
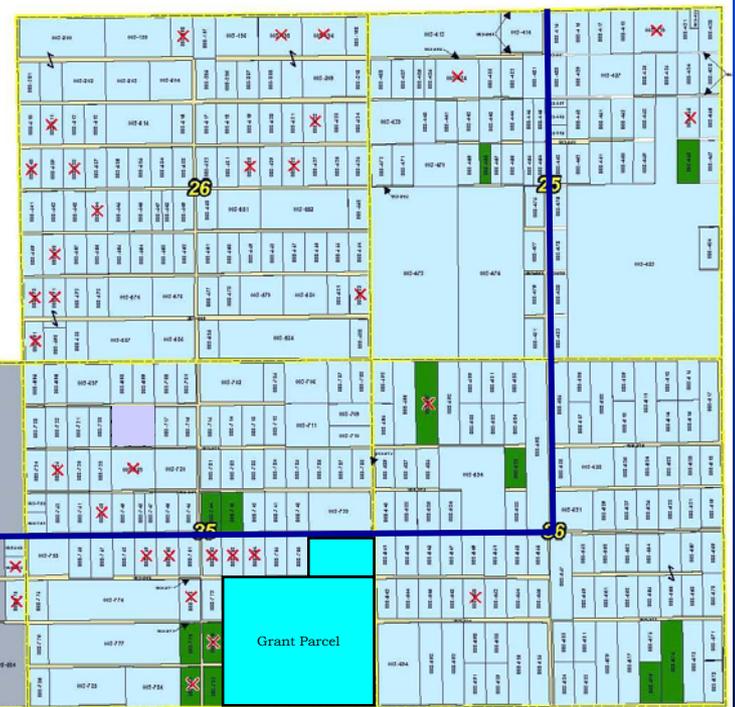
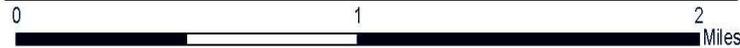
# Request Board Direction

Staff to proceed with changes in the boundary for the Southern Crew Project consistent with project objectives including obtaining approvals from Department Of Interior Fish and Wildlife Service and Trustees Internal Improvement Fund and removing Lee Department of Transportation proposed CR-951 land parcels. Renew 404 permit to continue construction efforts.

# Acquisition Map



- Acquired Lands - Fee Title
- Proposed Acquisition - Fee Title
- Proposed Easement
- Condemnation Authorized - No Title
- Condemned - Title Acquired Final Value TBD
- ✗ Improved Property
- Imperial River Flow way



# **Additional Slides**