

**Istokpoga Marsh
Watershed
Improvement
District (IMWID)
Alternative Water
Storage and
Recycling**

January 14, 2010

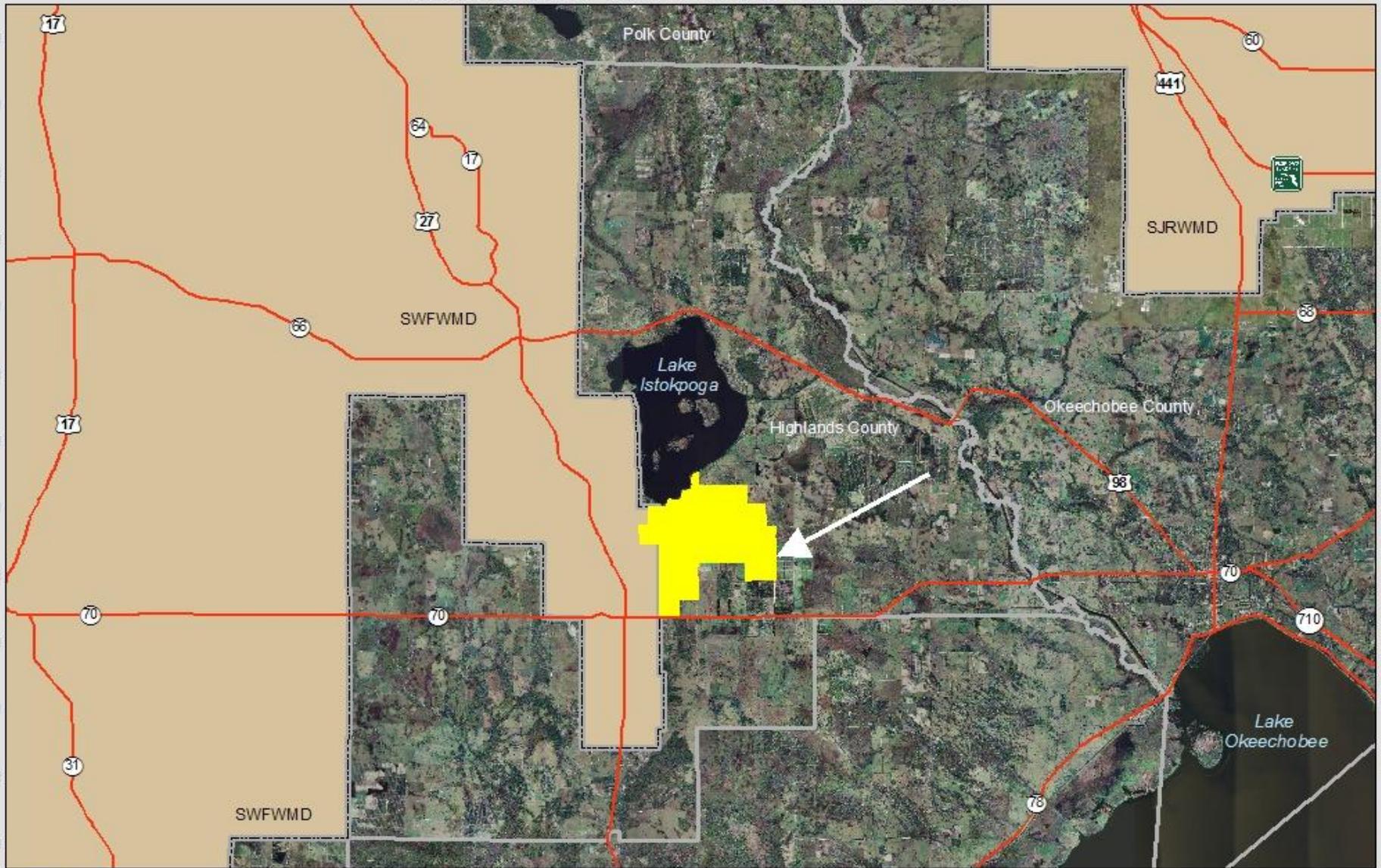
Robert M. Brown, Director
*Environmental Resource
Regulation Department*



Istokpoga Marsh Watershed Improvement District Location



Istokpoga Marsh Watershed Improvement District



 PROJECT AREA

 ROADS

 OUT OF SFWMD JURISDICTION

 COUNTY LINES



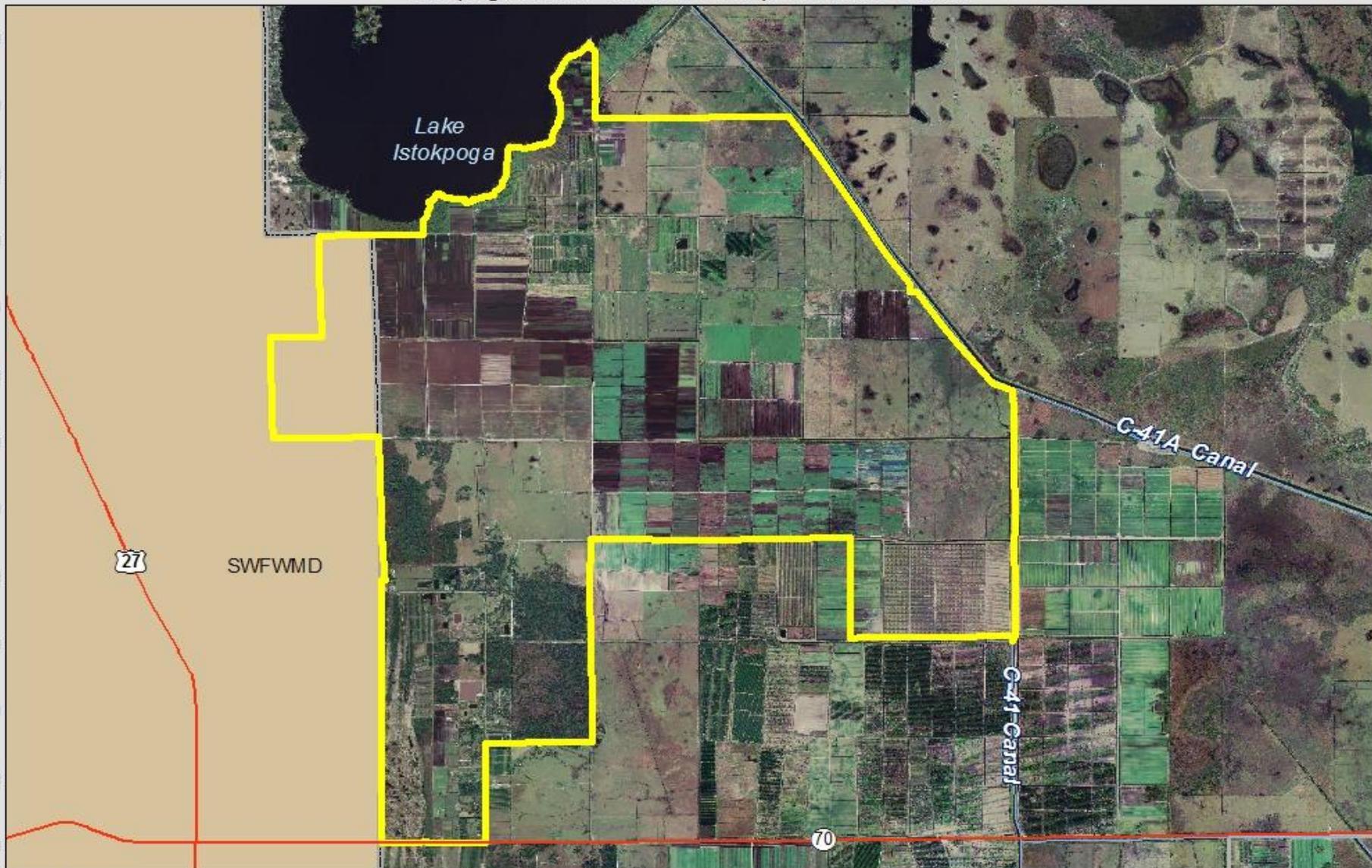
Map made by: Lynn J. Cox
Environmental Resource Regulation
Map Date: February 2, 2009
Imagery: 2004-2005 DOQQ, Natural Color, 1:1m



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Istokpoga Marsh Watershed Improvement District



- PROJECT AREA
- OUT OF SWFWMD JURISDICTION
- COUNTY LINES
- ROADS
- CANALS



Map made by: Lynn J. Cox
 Environmental Resource Regulation
 Map Date: January 12, 2010
 Imagery: 2004-2005 DOQQ, Natural Color, 1mtr



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Istokpoga Marsh Watershed Improvement District Background

- **Highlands Soil & Water Conservation District and the Soil Conservation Service developed the drainage and irrigation work plan 1962 (pre-regulation requirements)**
- **Municipal Services and Taxing District under the jurisdiction of the BOCC per Highlands County Ordinance 80-2 and Chapter 125 of the Florida Statutes.**

Istokpoga Marsh Watershed Improvement District Background - continued

- **Approximately 22,000 acres in size**
- **28-mile internal canal system that serves as both water supply and drainage system**
- **Existing system does not provide significant WQ treatment or storage**



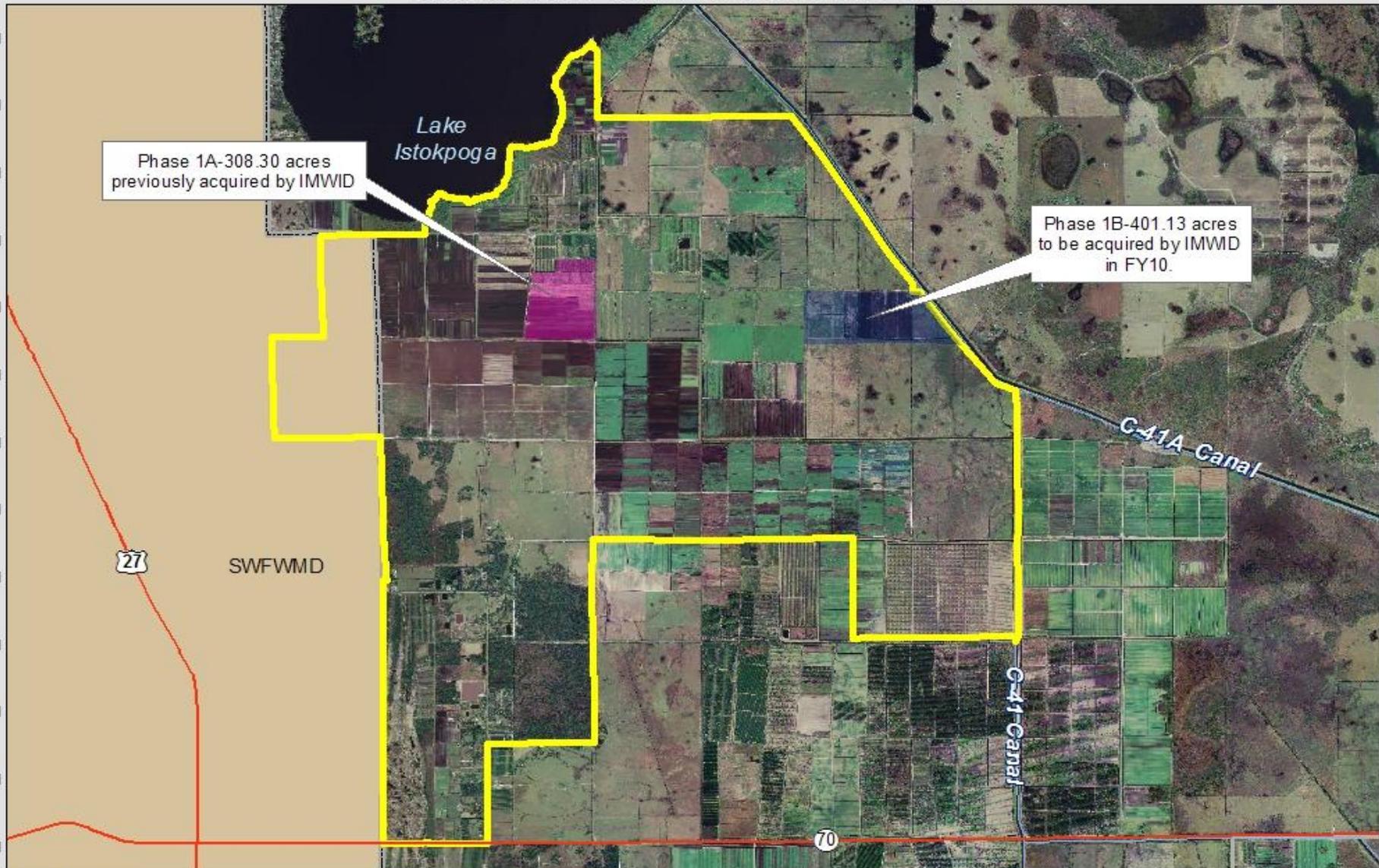
Istokpoga Marsh Watershed Improvement District Project Goal

- **IMWID to design, construct and operate 1,200 acres of Above-Ground Impoundments (AGIs)**
- **AGIs will capture, store, treat and recycle stormwater for agricultural irrigation**
- **Conceptual design estimates approximately 60% reduction in discharge volume and 70% reduction in total phosphorus**

Istokpoga Marsh Watershed Improvement District Land Acquisition Status

- **IMWID/Highlands County purchased 308.30 acres in October 2009 with funds from SOETF through Agreement #4600001716 for \$3,245,100.80, including associated acquisition costs**
- **IMWID/Highlands County as part of this amendment will purchase 401.13 acres in February 2010 with SOETF for \$2,850,741 including associated acquisition costs**
- **Amendment will provide 400 additional acres, bringing total acquired to 700 acres (60% of the total land needed)**

Istokpoga Marsh Watershed Improvement District



- PROJECT AREA
- OUT OF SWFWMD JURISDICTION
- ROADS
- CANALS
- COUNTY LINES



Map made by: Lynn J. Cox
Environmental Resource Regulation
Map Date: December 21, 2009
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Istokpoga Marsh Watershed Improvement District Funding

- **Estimated Project Cost: \$12.5 million**
 - **Phase IA – SOETF \$3.7 million for IMWID land acquisition (October 2009)
COMPLETE**
 - **Phase IB – SOETF \$2,850,741 for IMWID land acquisition (February 2010 & November 2010)**
 - **Phase II – Save our Everglades Trust Fund \$100,000 for Construction Certification (February 2012)**

Istokpoga Marsh Watershed Improvement District Funding - continued

- Pursue other federal, state and local grant programs to increase cost-sharing and expedite implementation
- In the event the land acquired utilizing these Phase I funds does not have a stormwater management facility constructed by the end of the term of this agreement, then:
 - Agreement shall be amended to account for the new project schedule, or
 - Land acquired shall be sold and funds obtained from the sale returned to SFWMD

STAFF RECOMMENDATION

Authorize an amendment to a cooperative agreement with IMWID and FDACS for the Alternative Water Storage/Disposal and Stormwater Recycling project in an amount not to exceed \$1,515,236 in FY10, subject to the release of funding by the FDEP, for which dedicated funds (Save Our Everglades Trust Fund) are budgeted in Everglades Restoration and Capital Projects, Coastal Program, and authorize a budget transfer to Regulatory and Public Affairs, Lake Okeechobee Program, with this agreement; and an amount not to exceed \$1,107,910 in FY11, subject to Governing Board budget approval; providing an effective date. (Contract number 4600001716-A2)