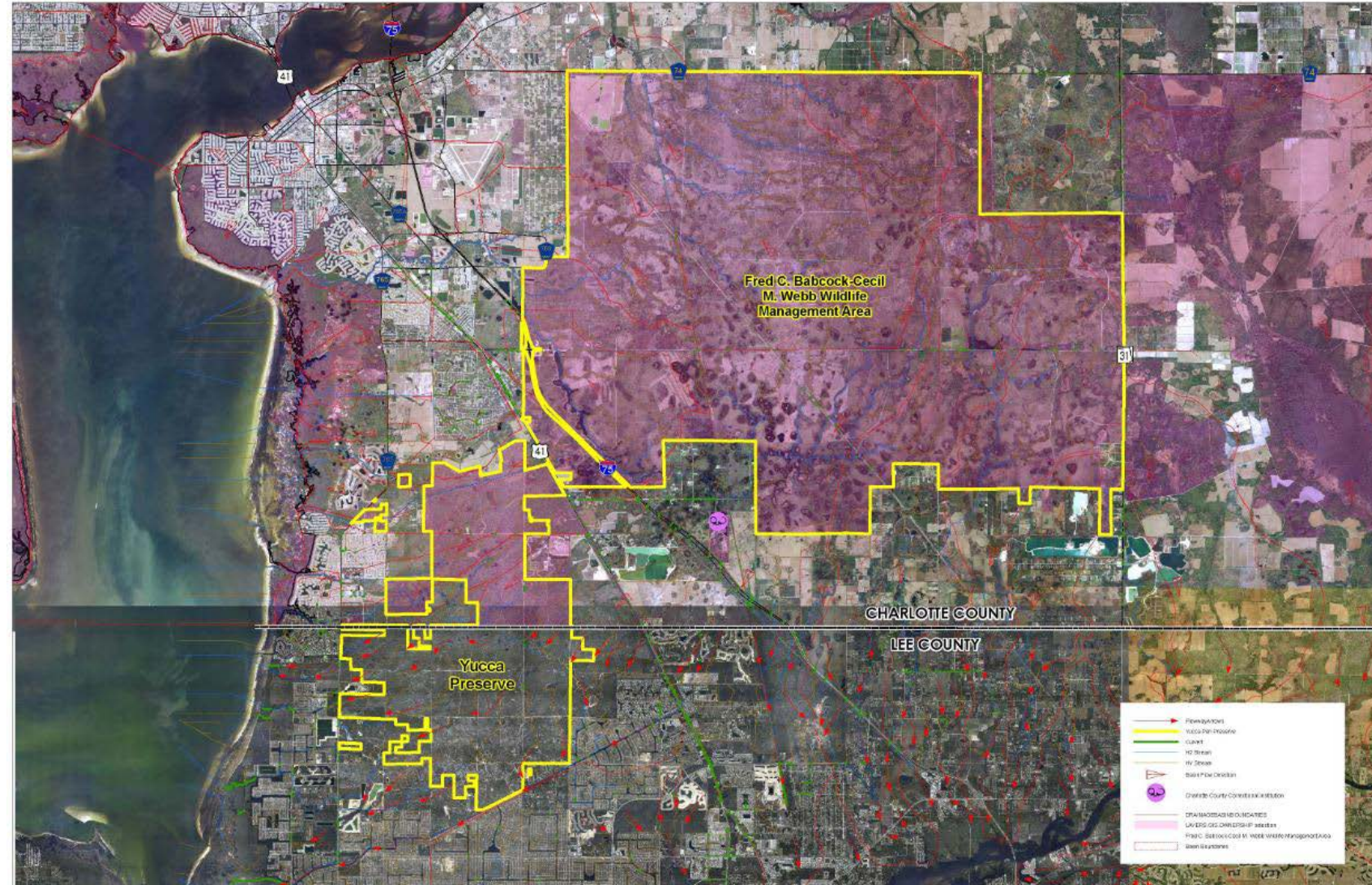




**South Florida Water Management
Bond Farm Hydrological Enhancement
December 28, 2018**

- CHFI – numerous stakeholders: SFWMD, SWFWMD, FWC, FDOT, Charlotte & Lee Counties, City of Cape Coral, CHNEP, et al working to find synergies among projects and across boundaries
- Includes Caloosahatchee and Charlotte Harbor Estuary watersheds which are interdependent systems

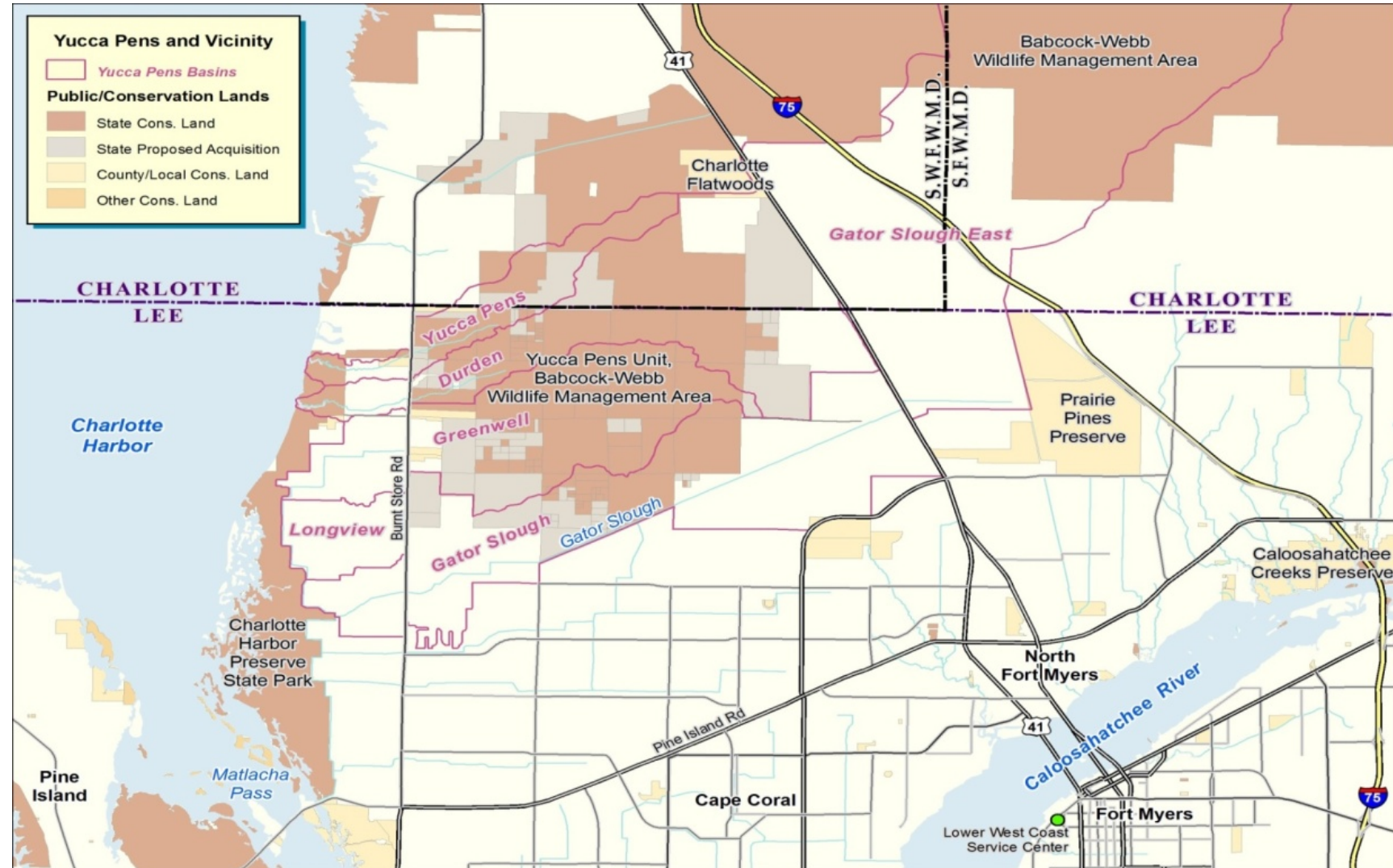




Charlotte Harbor Flatwoods Initiative & Bond Farm Regional Objectives

Regional Objectives

- Sheet flow restoration
- Restoring more natural flows to Charlotte Harbor & Caloosahatchee River Basins
- Water quality improvement
- Ground water recharge
- Fish and wildlife habitat enhancement
- Enhance community resilience and revitalize Gulf economy





Regional and Statewide Plan Support

- Southwest Florida Comprehensive Watershed Plan
- Southwest Florida Regional Ecosystem Restoration Plan
- Northwest Lee County Surface Water Management Plan
- SFWMD 2018-2013 Strategic Plan
- Lower Charlotte Harbor SWIM Plan

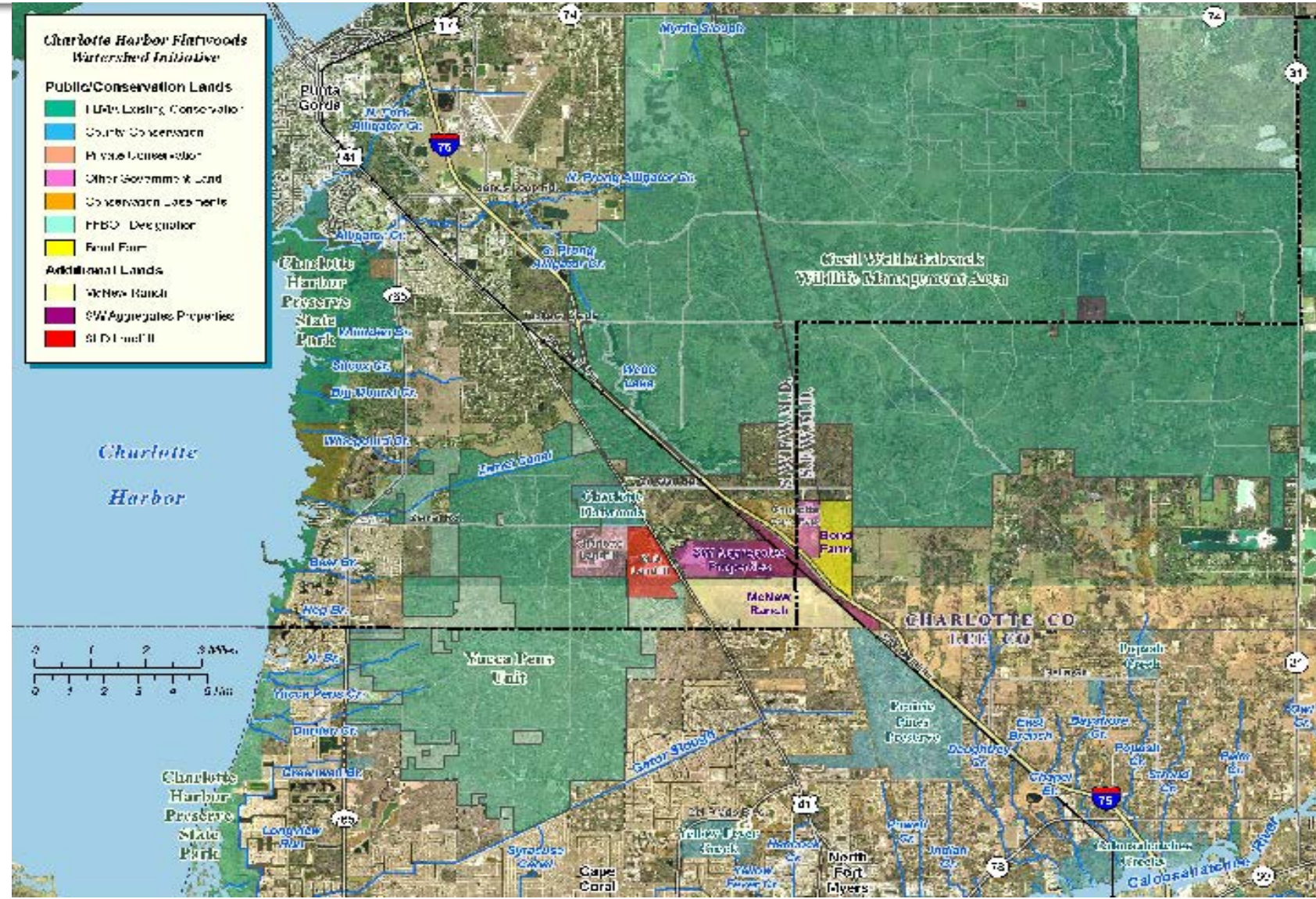


**SOUTHWEST
FLORIDA
COMPREHENSIVE
WATERSHED PLAN**
a habitat quilt tied by
THREADS OF WATER
reconnecting a
sustainable
landscape 



Charlotte Harbor Flatwoods Initiative & Bond Farm Adjacent Public Lands

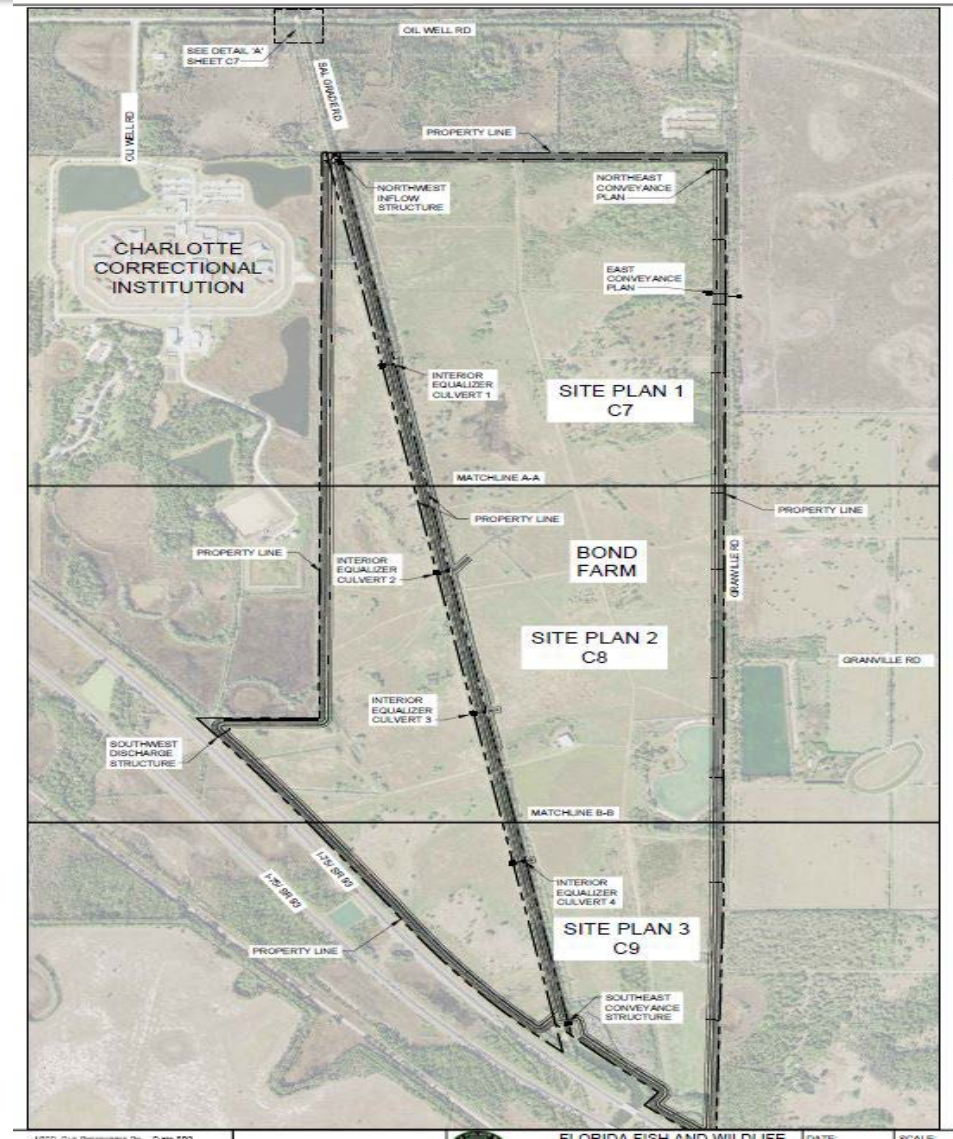
- State of Florida Owned: 65,000+ acre Babcock-Webb WMA, 15,000+ acre Yucca Pens Unit, 46,000+ acre Charlotte Harbor Preserve State Park, and 669-acre Bond Farm
- Charlotte County Owned: 487-acre Charlotte Flatwoods Preserve
- Lee County Owned: multiple Conservation 20/20 preserves adjacent to Yucca Pens
- Restore part of corridor between Charlotte Harbor and Lake Okeechobee





Bond Farm Hydrological Enhancement Project

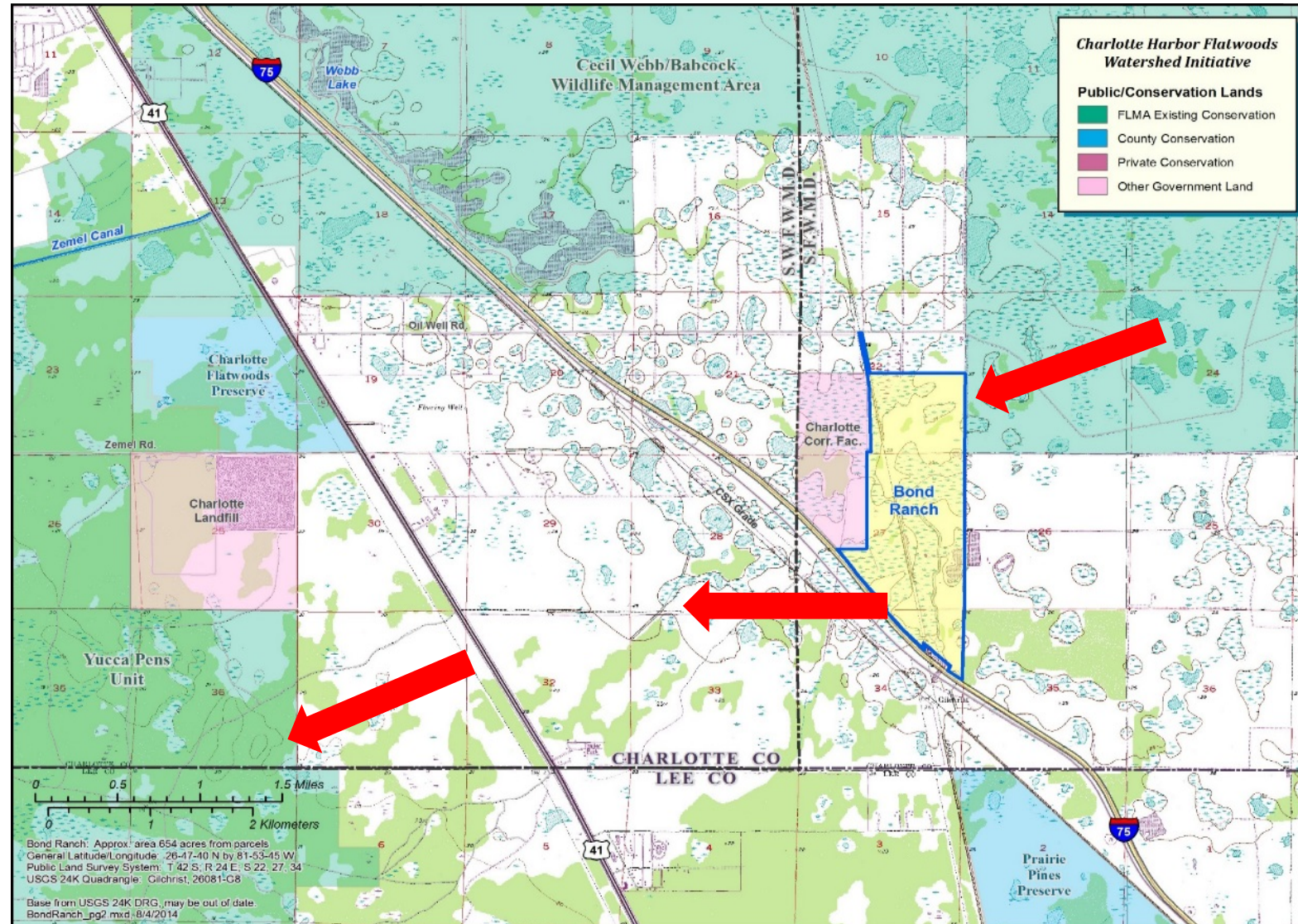
- Bond Farm acquired by State Lands and Florida Department of Transportation (FDOT); will be managed by Florida Fish and Wildlife Commission (FWC)
- 2,400 acre-feet of potential storage at 4 feet design – operate at 2 feet until western conveyances acquired
- Creates hydrologic connection between Babcock-Webb WMA and Yucca Pens Unit
- SFWMD & FWC have initiated Bond Farm design/permitting – ready for construction mid to late 2019





Bond Farm Proposed Flowways

- McNew Ranch – western conveyance from Bond Farm to US 41 – Conceptual SWERP submitted to SFWMD which includes conveyance
- SLD Site – westernmost conveyance to Yucca Pens WMA – need a drainage easement or acquisition
- Public-private partnership for flowways
- Coordinate with FDOT to move water from I-75 to US-41 and west to Yucca Pens
- Restore sheetflow in the largest remaining hydric pine flatwoods west of U.S.41





Never doubt that a small group of thoughtful, committed people can change the world. Indeed. It is the only thing that ever has." - Margaret Mead