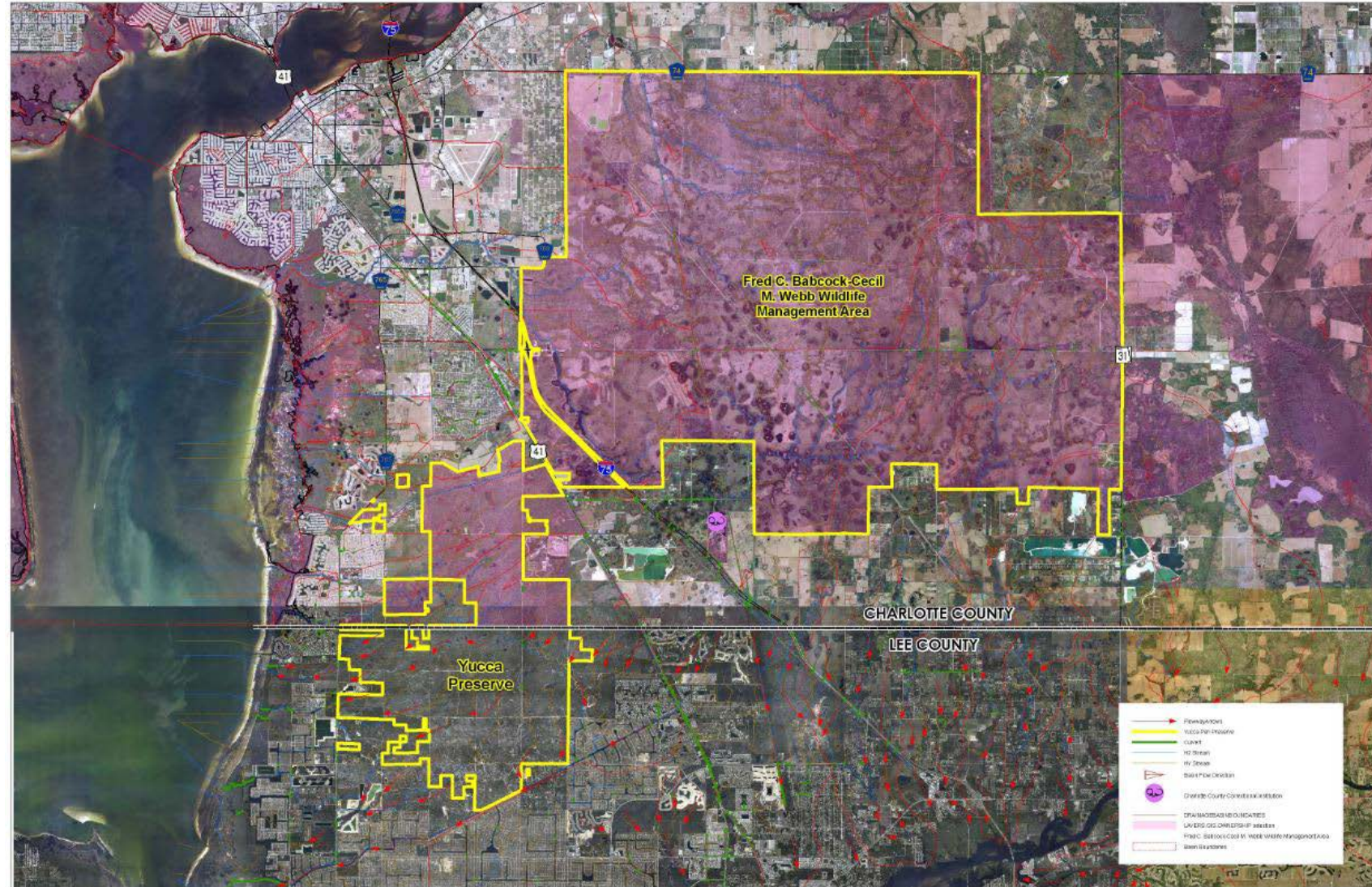




**Bond Farm Hydrological Enhancement: A Florida
Fish & Wildlife Conservation Commission Project
January 16, 2019**

- Includes Caloosahatchee Estuary and Charlotte Harbor Estuary watersheds which are interdependent systems

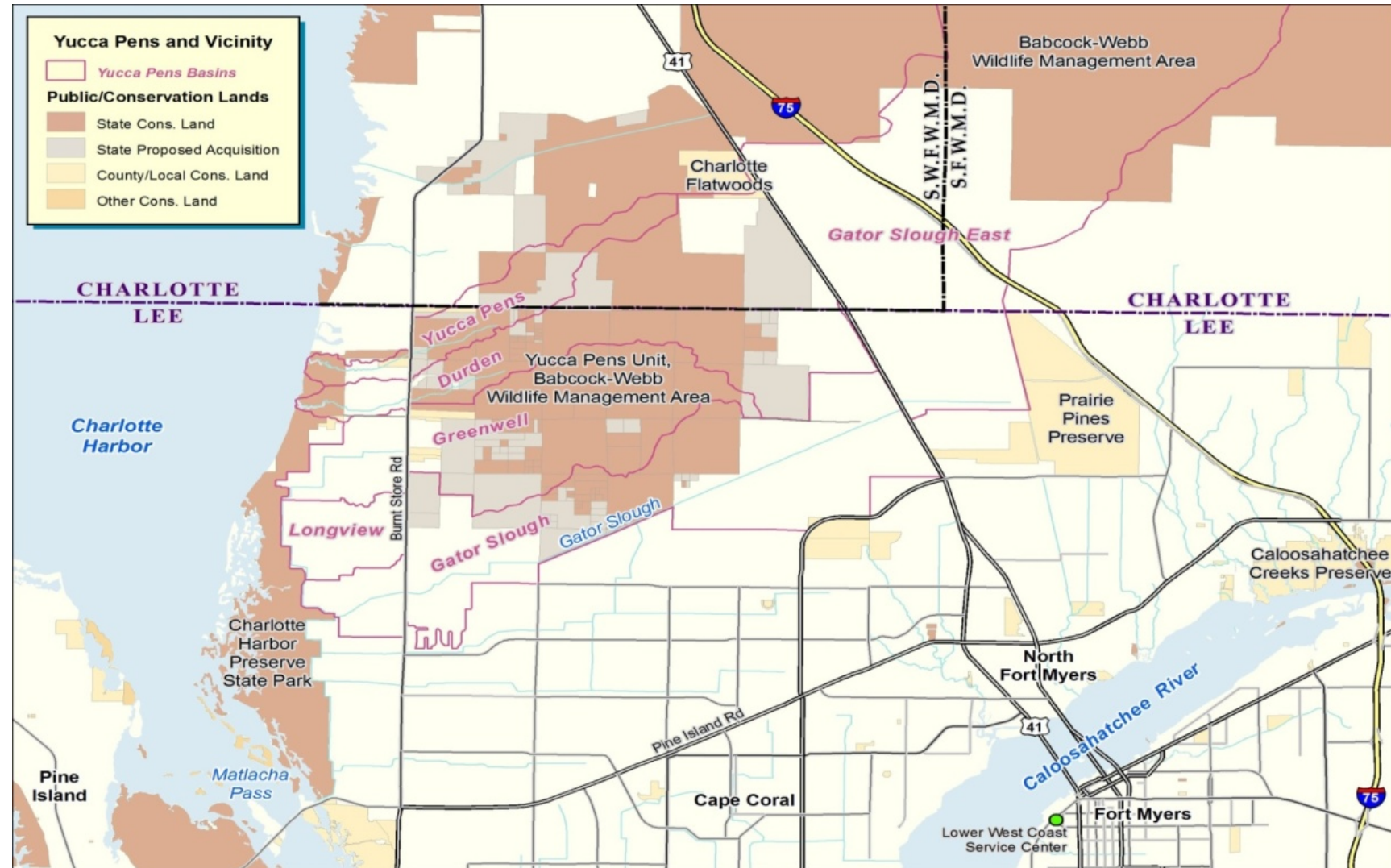




Charlotte Harbor Flatwoods Initiative & Bond Farm Regional Objectives

Regional Objectives

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





Regional and Statewide Plans Supporting Charlotte Harbor Flatwoods Initiative Projects

- Southwest Florida Comprehensive Watershed Plan
- Southwest Florida Regional Ecosystem Restoration Plan
- Northwest Lee County Surface Water Management Plan
- SFWMD 2018-2023 Strategic Plan
- Lower Charlotte Harbor SWIM Plan



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

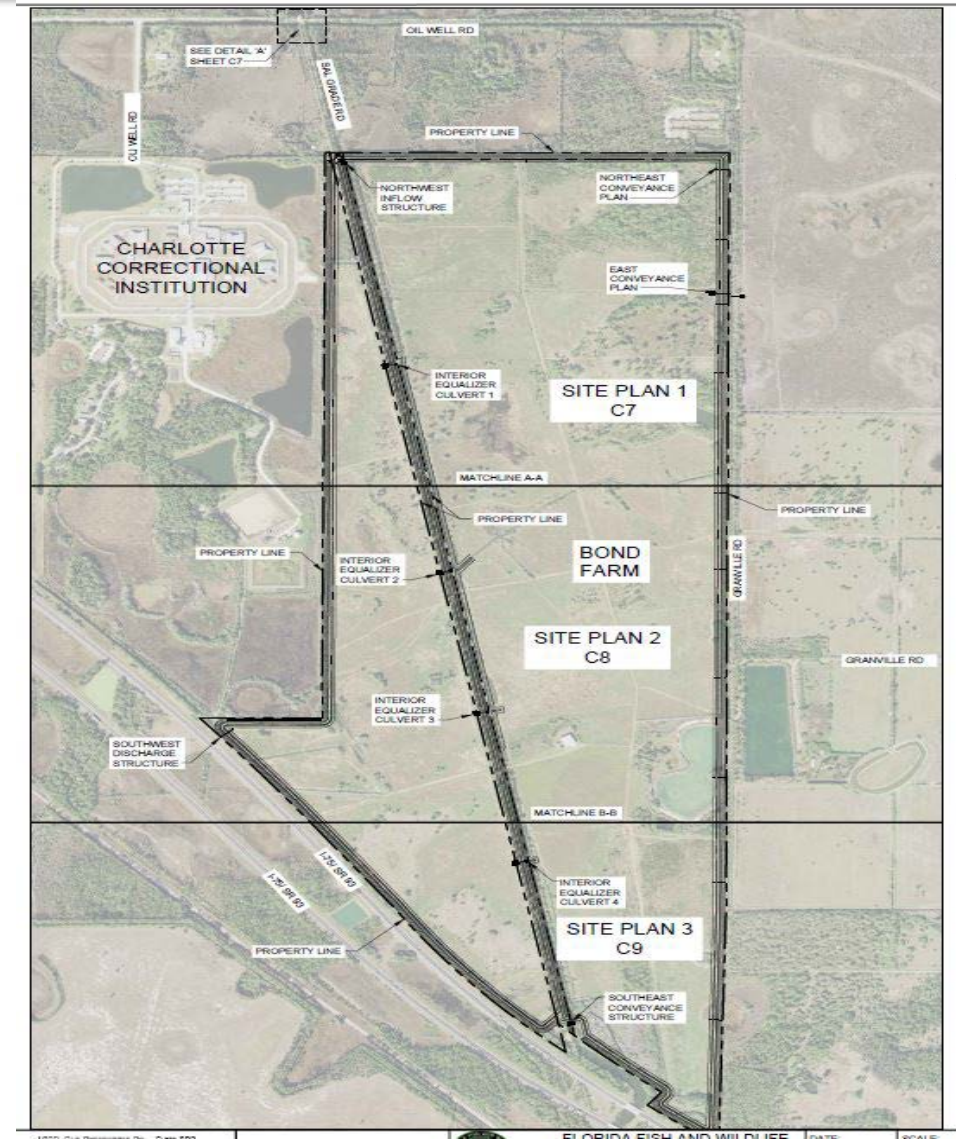
sfyand.gov

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Bond Farm Hydrological Enhancement Project

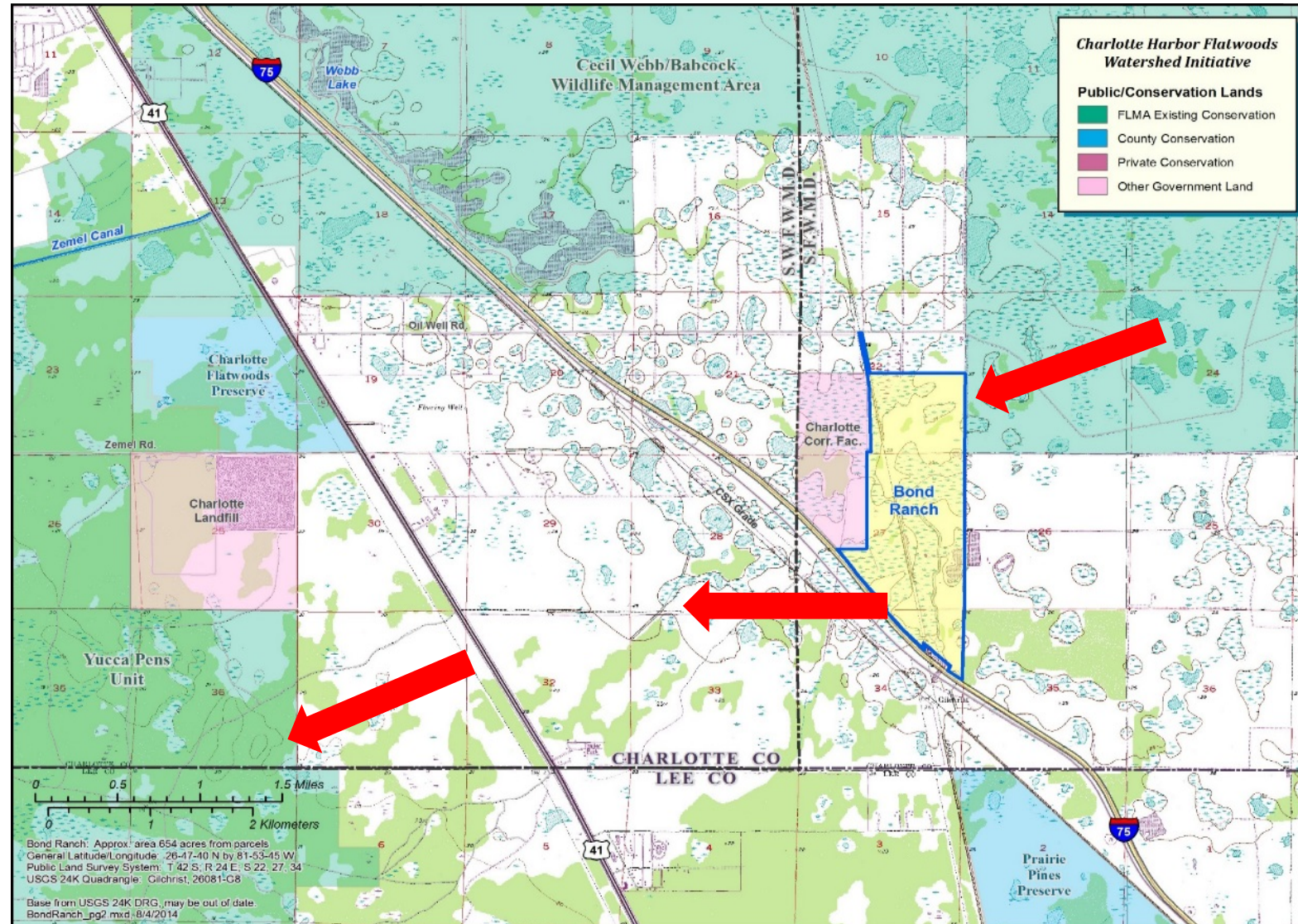
- Bond Farm acquired by State Lands and Florida Department of Transportation (FDOT) will be managed by Florida Fish and Wildlife Conservation Commission (FWC)
- 2,400 acre-feet of potential storage at 4 feet design depth – operate at 2 feet design depth until western conveyances acquired
- Enhances hydrologic 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 permit submitted to SFWMD which includes conveyance
- SLD Project 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