

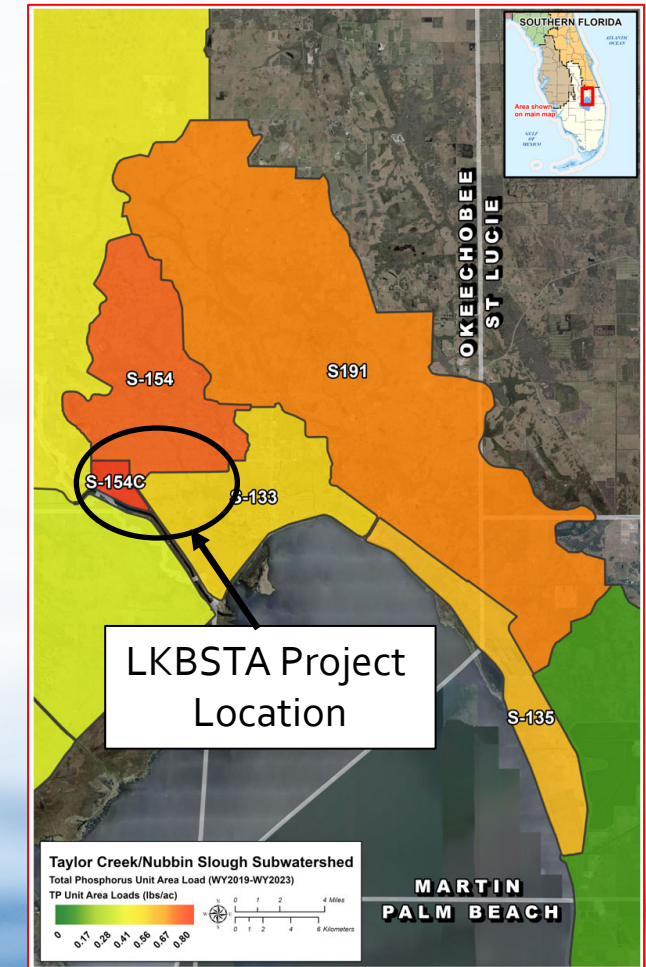
Lower Kissimmee Basin Stormwater Treatment Area Contract Amendment

Jennifer Reynolds, Director
Ecosystem Restoration Division
South Florida Water Management District
Governing Board Meeting
May 9, 2024



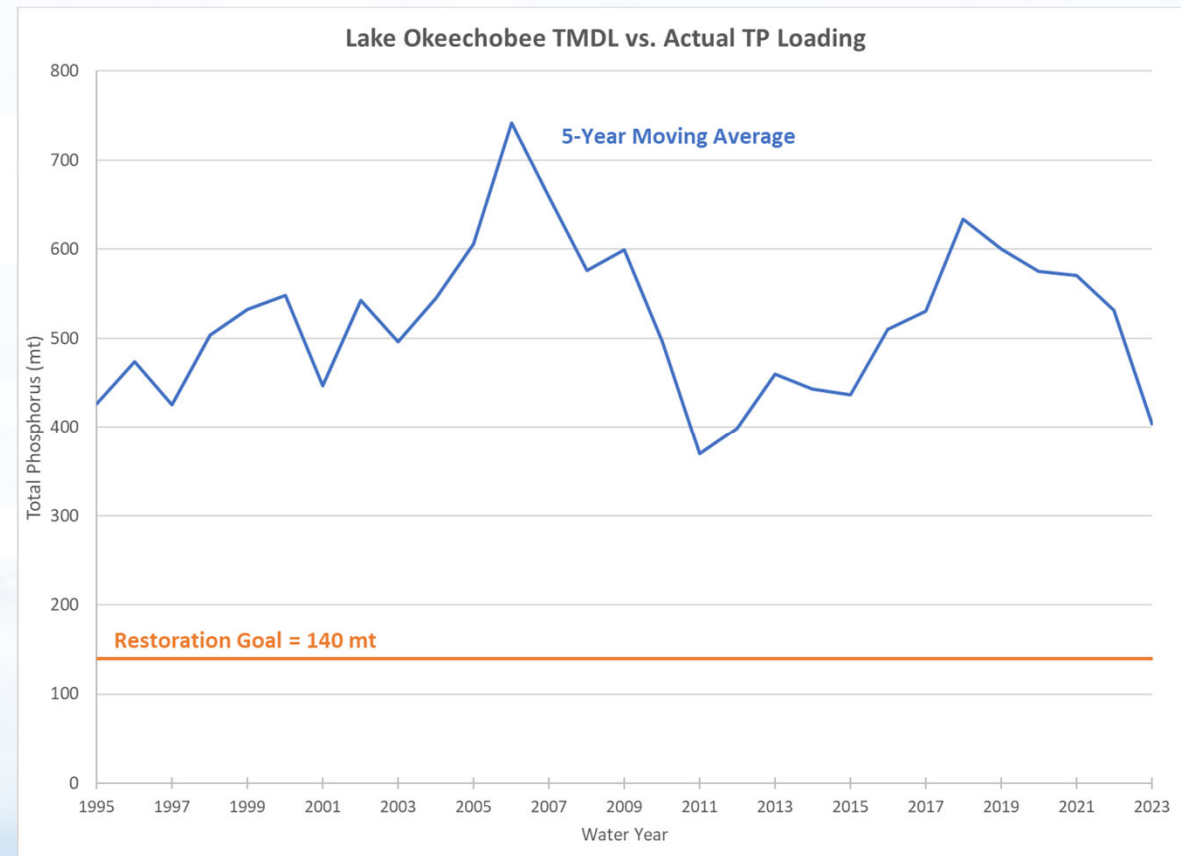
Project Background

- LKBSTA is a water quality improvement project intended to reduce TP loads from priority basins in the Lake Okeechobee watershed
- In May 2021, the Board authorized entering into a performance-based contract with EIP to design, construct, and operate the LKBSTA
 - Phase One: Preliminary Design
 - Phase Two: Final Design, Land Transfer, Construction, Operations



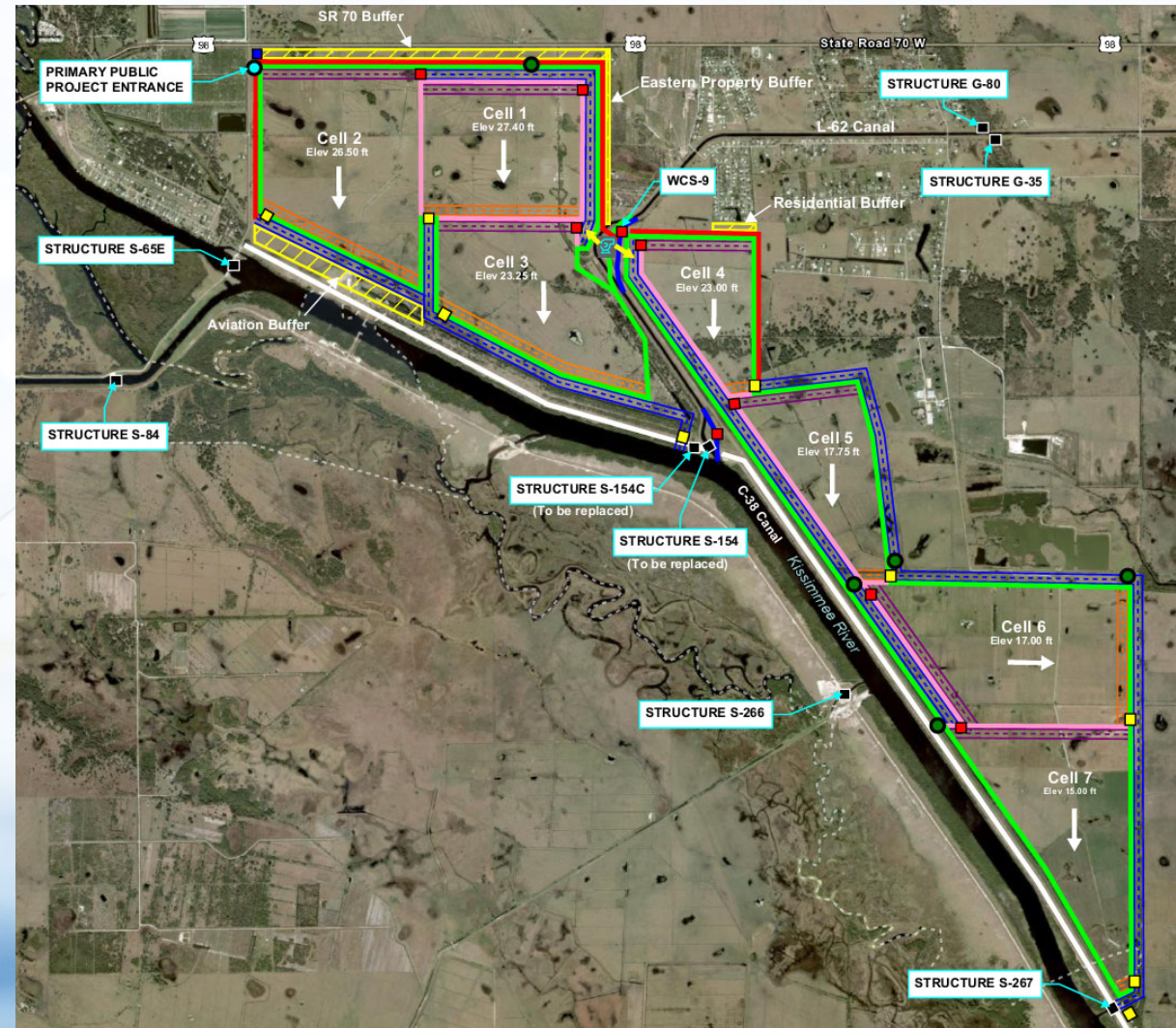
Project Need

- The TMDL target for the Lake Okeechobee watershed is 140 metric tons per year (mt/yr)
- In Water Years (WY) 2019-2023, the five-year average total TP load to Lake Okeechobee was 402 mt/y
- This exceeds the TMDL by **262 mt/yr**



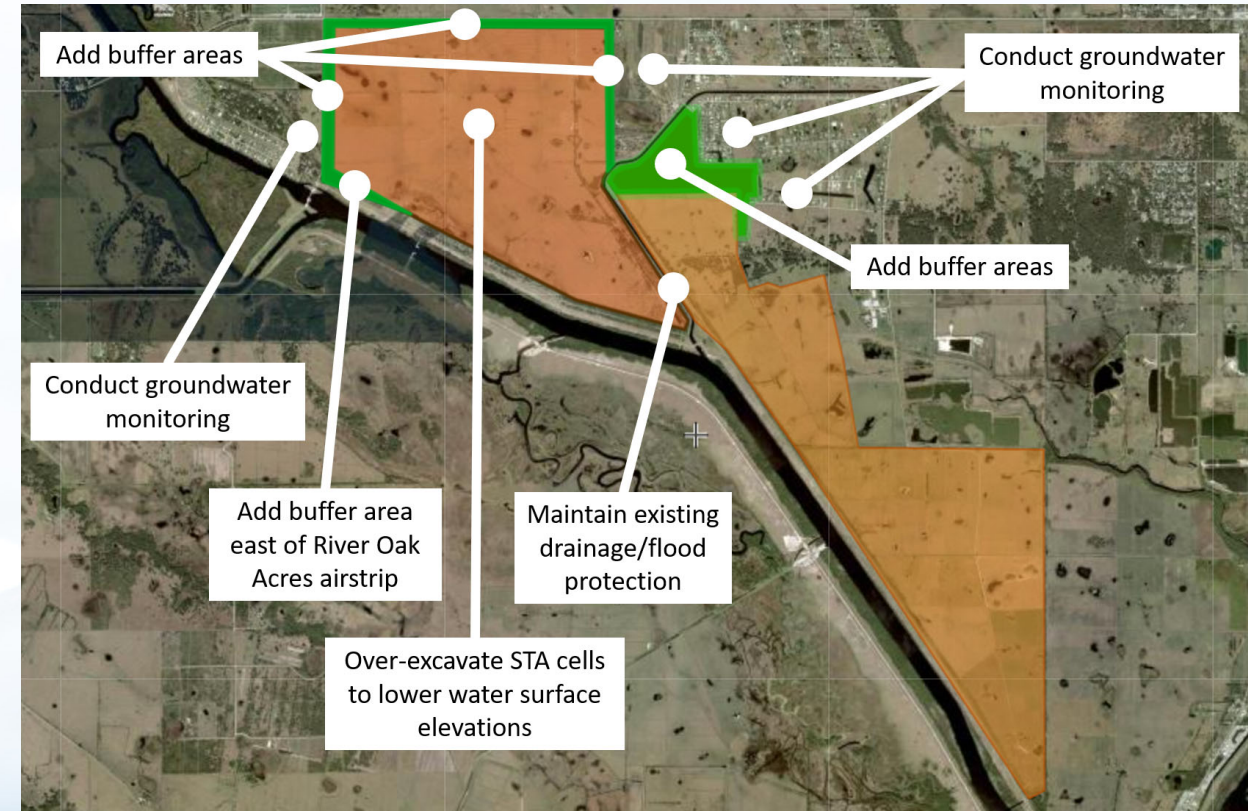
Project Concept

- Expanded Preliminary Design
 - Holistic design – will include all 4,800 acres
 - Will incorporate feedback received from stakeholders
- Updated Project Concept
 - Total area: 4,800 acres
 - Estimated TP reduction: 20-22 mt/yr



Design Changes and Stakeholder Input

- Proposed design changes based on stakeholder input
 - Add buffer areas between project and residential communities
 - Remove open water areas (no FEB)
 - Maintain existing flood control and FEMA flood zones
 - Manage and monitor seepage to maintain existing groundwater levels



What's Next?

➤ Today's Resolution

■ Expanded Preliminary Design

- \$13M for holistic design of expanded footprint that will address stakeholder comments

➤ Summer 2025

■ Staff to present Expanded Preliminary Design

- Will better understand project benefits
- Ensure all stakeholder comments are addressed

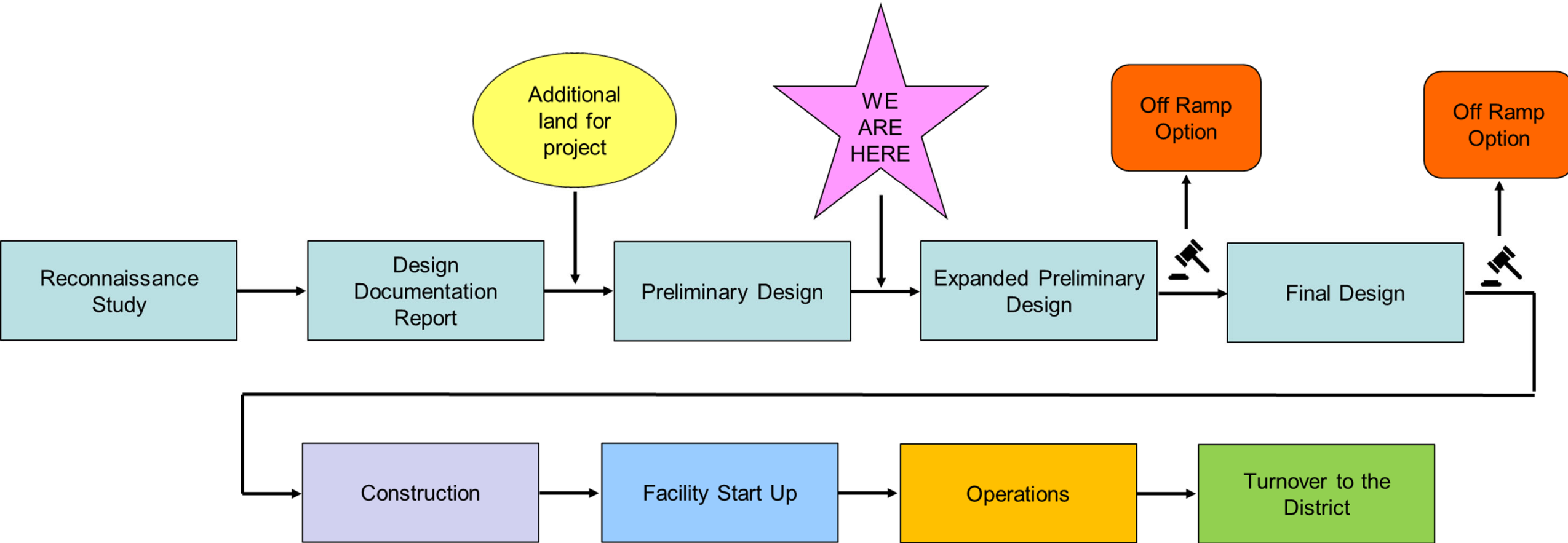
■ Governing Board to consider options:


- Stipulated Price Proposal and Final Design
- Off ramp options in the process

Project Costs

- Total Authorized Contract Amount NTE: \$300M
- Existing contract price for Phase One: \$12.6M
- Expenditures paid to date on Phase One : \$10.6M
- Contract amendment to expand Preliminary Design deliverable in Phase One: \$13M

Updated Project Schedule



 Governing Board meeting

Resolution

A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into an amended Project Agreement with Ecosystem Investment Partners Florida Water Quality, LLC, for the revised design of the Lower Kissimmee Basin Stormwater Treatment Area (LKBSTA) Project; entering into an amended DEP grant funding agreement for the expansion of the LKBSTA Project; providing an effective date. (Contract No. 4600004527)

Public Comment

Want to comment?

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give to a meeting attendant



Questions?