

Biscayne Bay and Southeastern Everglades Restoration (BBSEER), South Florida Ecosystem Restoration Task Force Sponsored Public Engagement Workshop

CERP/BBSEER Overview

Brad Foster

November 17, 2020



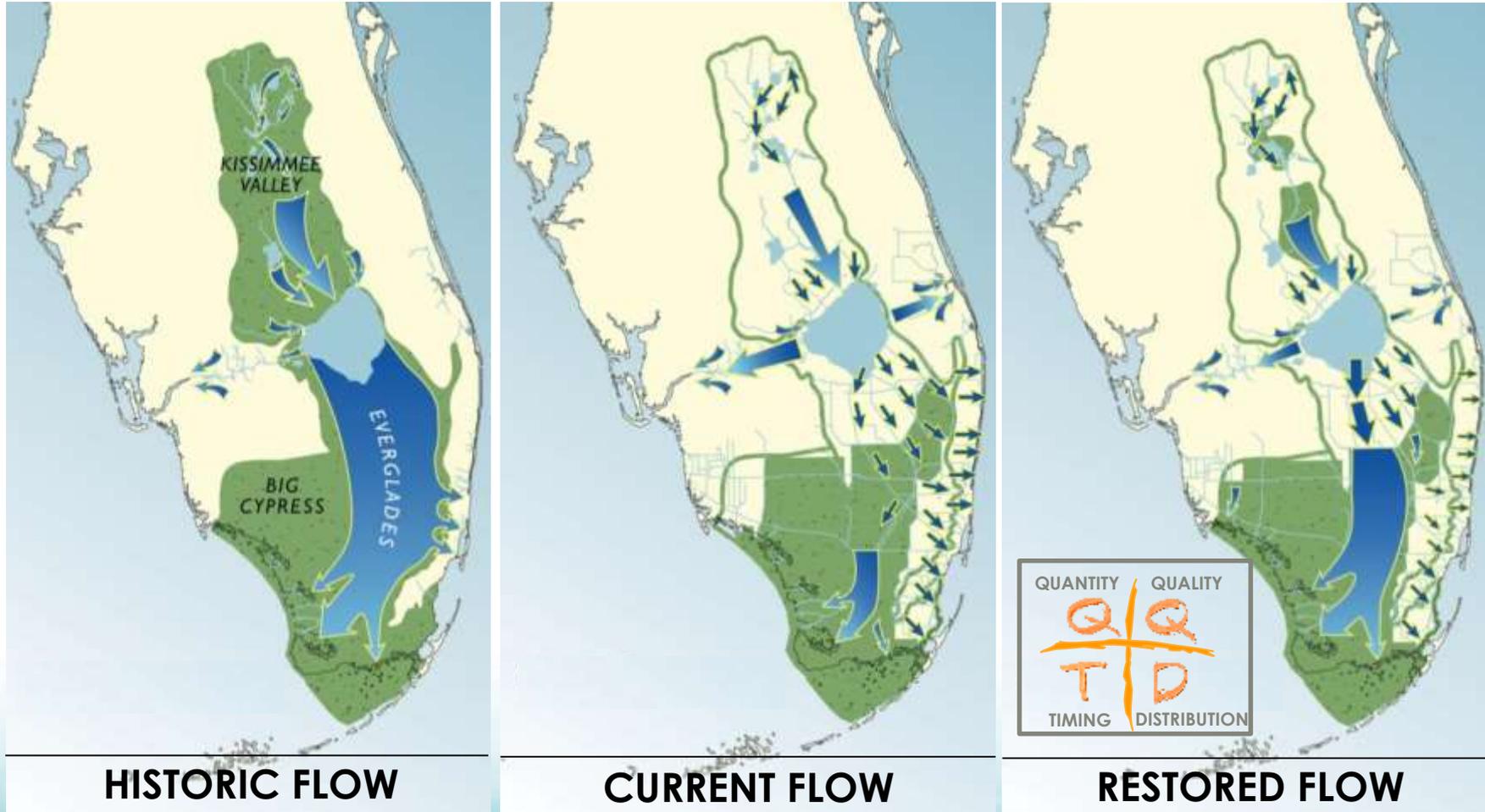
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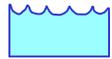
COMPREHENSIVE EVERGLADES COMPREHENSIVE RESTORATION PLAN (CERP) GOAL



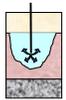


COMPREHENSIVE EVERGLADES RESTORATION PLAN (CERP)

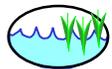
■ 68 Components



Surface Storage



Aquifer Storage and Recovery



Stormwater Treatment Areas (water quality)

■ ■ ■ Seepage Management

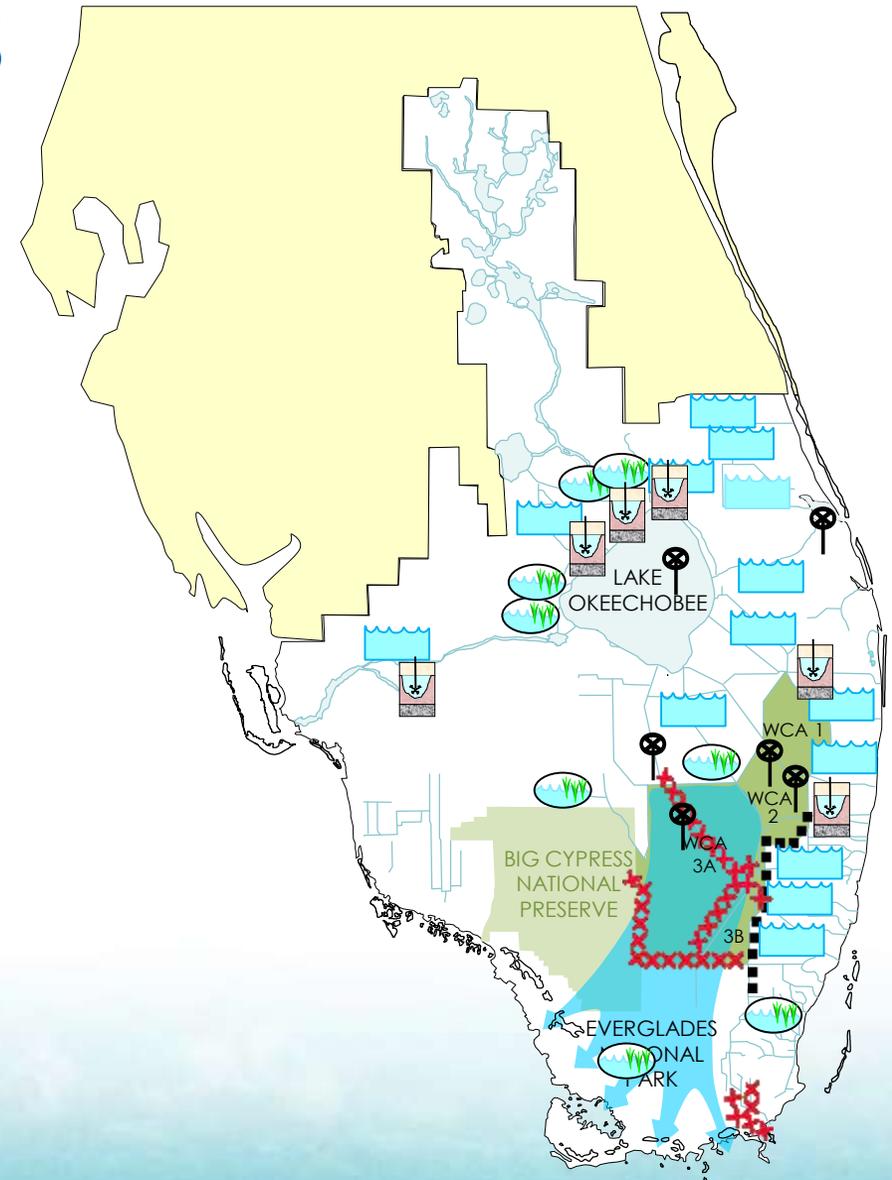


Removing barriers to flow



Revised operations

■ 30+ year implementation

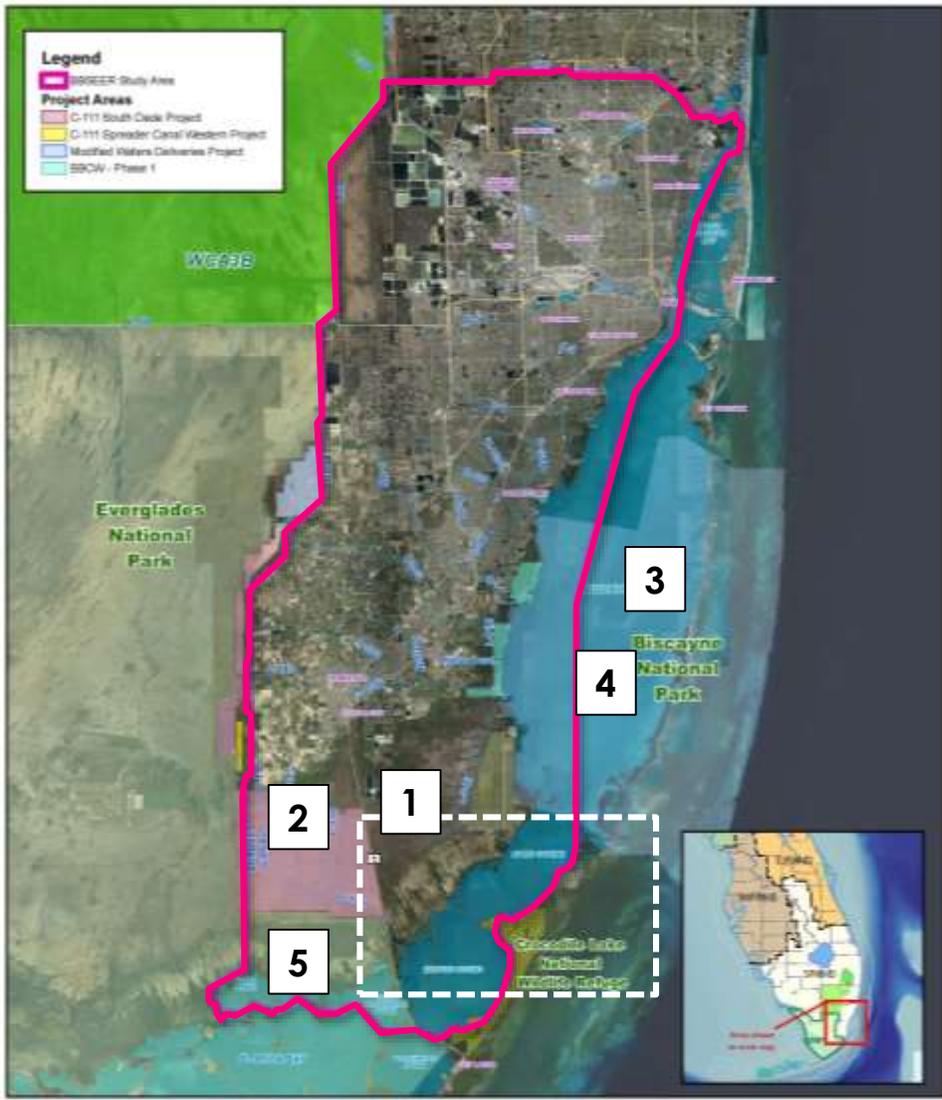




BBSEER CURRENT STUDY AREA (Southeast Miami-Dade County)

NATURAL AREAS

- 1: Model Lands
- 2: Southern Glades
- 3: Biscayne Bay
- 4: Biscayne National Park
- 5: Everglades National Park (ENP) Eastern Panhandle



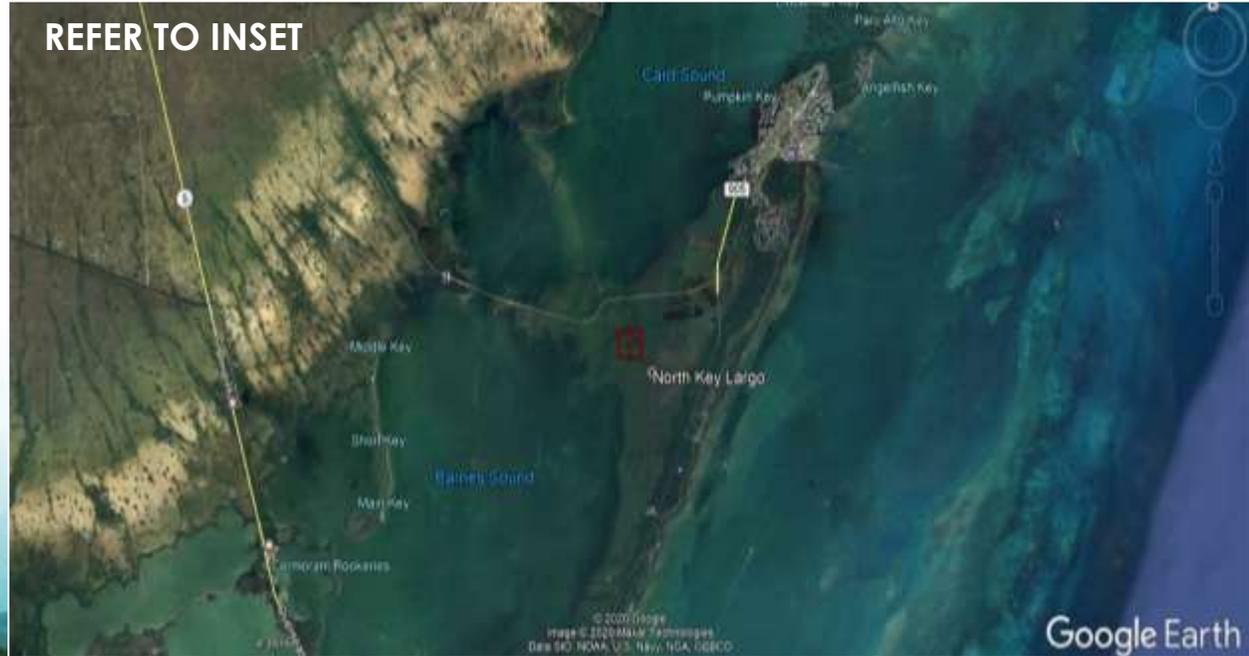
Biscayne Bay Southeastern Everglades Ecosystem Restoration Project

DATE: 08/2020
 DATE PREPARED: 08/2020
 DATE OF DATA: 08/2020
 DATE OF DATA: 08/2020

Scale: 1:10,000
 0 10 20 Miles
 0 10 20 Kilometers

August 2020

IT



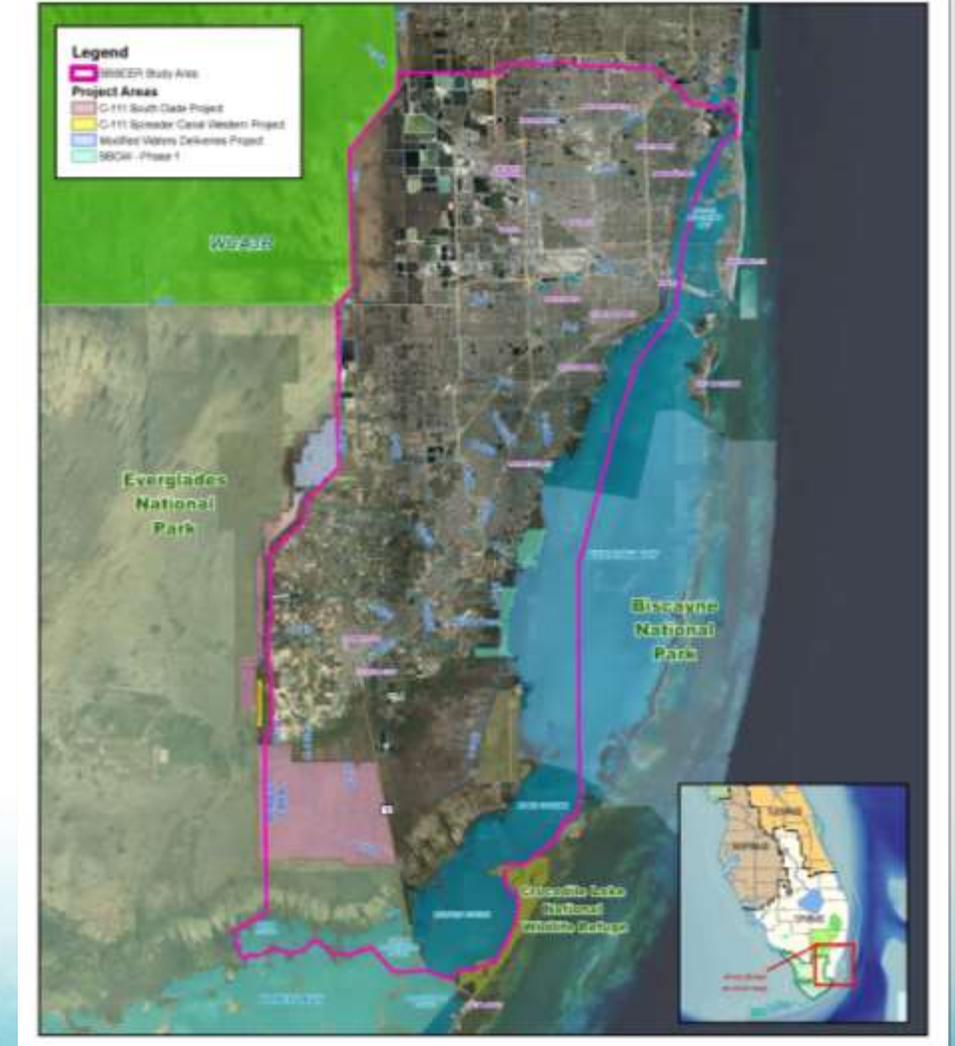


BBSEER PROJECT OVERVIEW



The study area includes the following CERP components expected to provide direct and significant benefit to Biscayne Bay and Southeastern Everglades.

- Biscayne Bay Coastal Wetlands (OPE)
- Biscayne Bay Coastal Canals (FFF)
- C-111N Canal Project (WW)
- South Miami Dade County Reuse (BBB)
- West Miami Dade Reuse (HHH)
- North Lake Belt (XX)

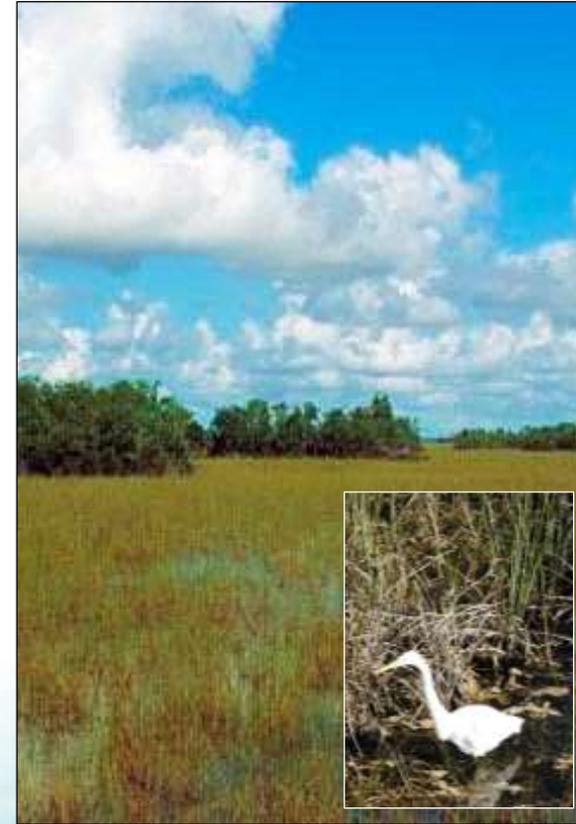




CURRENT BBSEER STUDY OBJECTIVES

Includes plan development for the second phases of the authorized BBCW and C-111 SCW projects with the objectives of:

- Restoring ecological conditions in the Model Lands, Southern Glades, portions of ENP and coastal wetlands
- Restoring conditions in the nearshore zones of Biscayne Bay, including Biscayne National Park, Card Sound, Barnes Sound, and Manatee Bay
- Improving ecological and hydrological connectivity between Biscayne Bay coastal wetlands, the Model Lands, and Southern Glades
- Increasing resiliency of coastal habitats in southeastern Miami-Dade County to sea level change





Project Opportunities



- 1. May contribute data to existing and upcoming studies and projects**
- 2. The project may improve seepage capture and storage for dry season delivery to restoration project features**
- 3. The project may improve C&SF and canal system operating delivery efficiencies**
- 4. Restoration will provide opportunities to increase recreational uses**





CONSTRAINTS AND OTHER CONSIDERATIONS

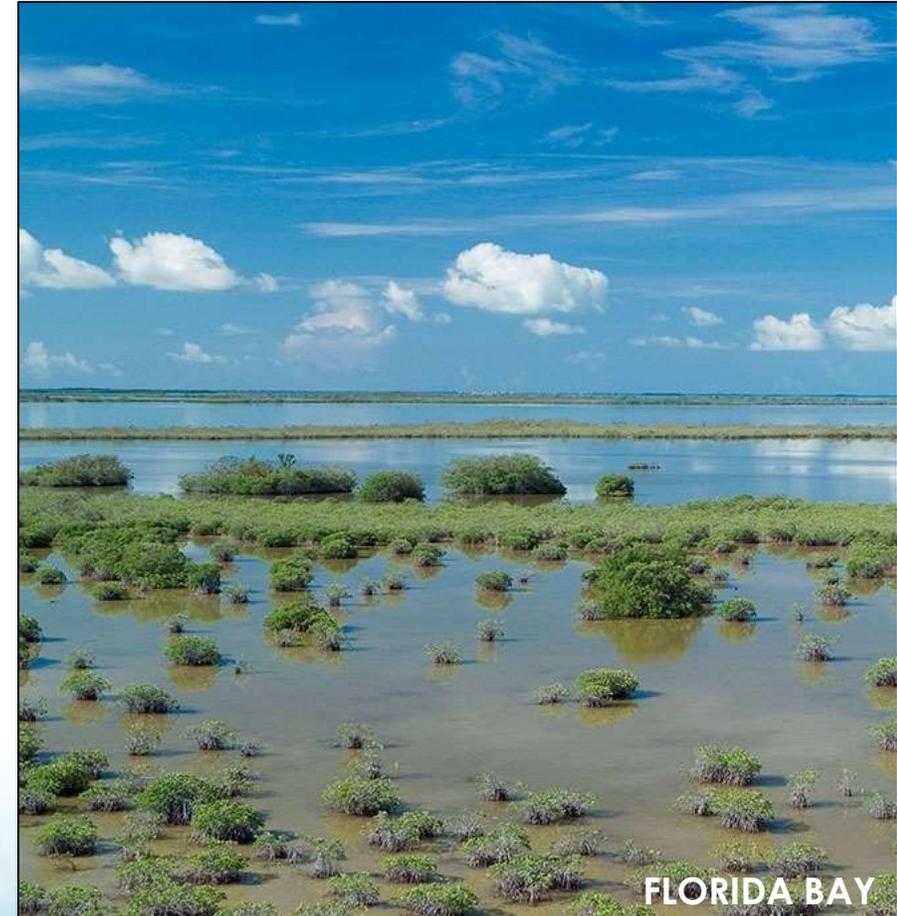


Constraints

- Do not reduce flood protection (Savings Clause)
- Do not eliminate or transfer existing legal sources of water (Savings Clause)
- Meet applicable water quality standards

Other Considerations

- Maintain water deliveries to ENP, including Taylor Slough and Florida Bay
- Changes in water budgets/levels available in the project area since CERP was implemented

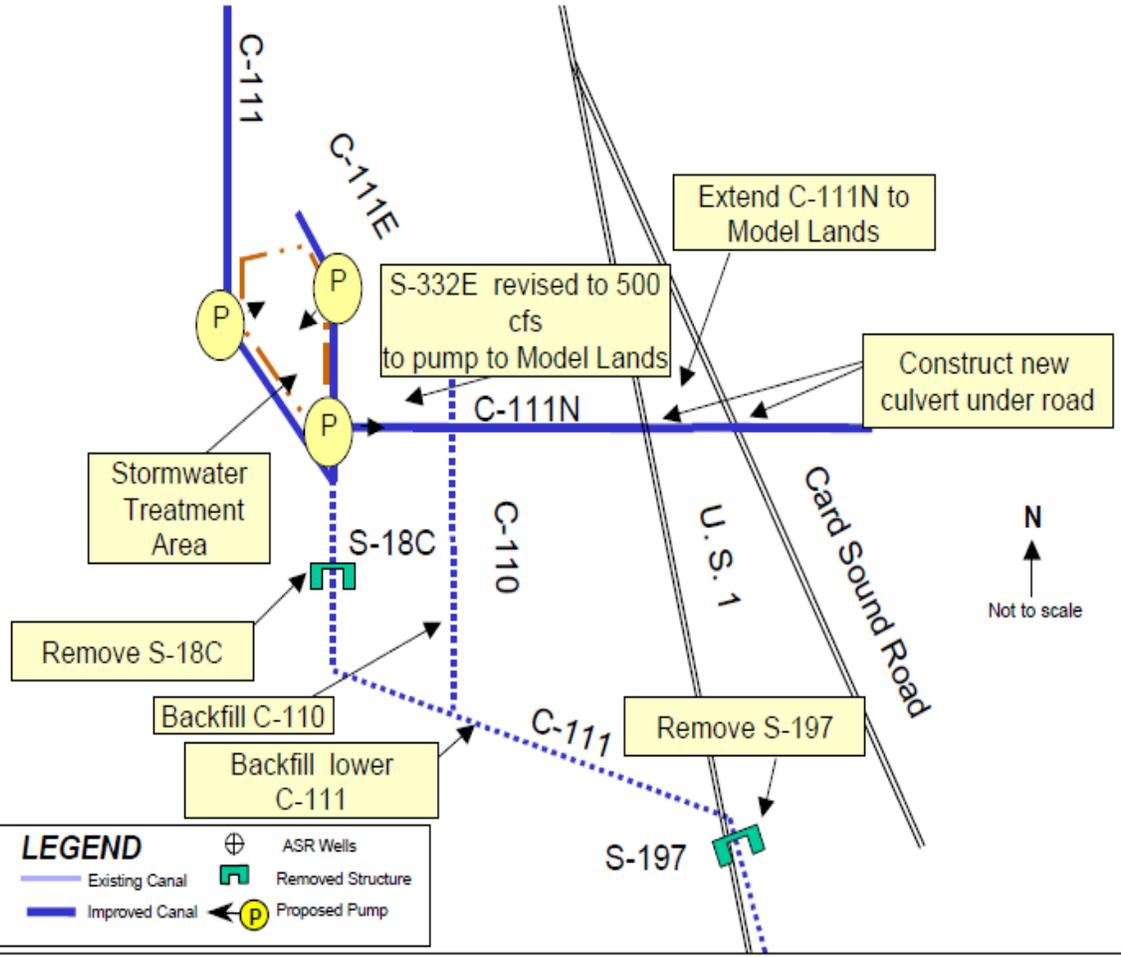




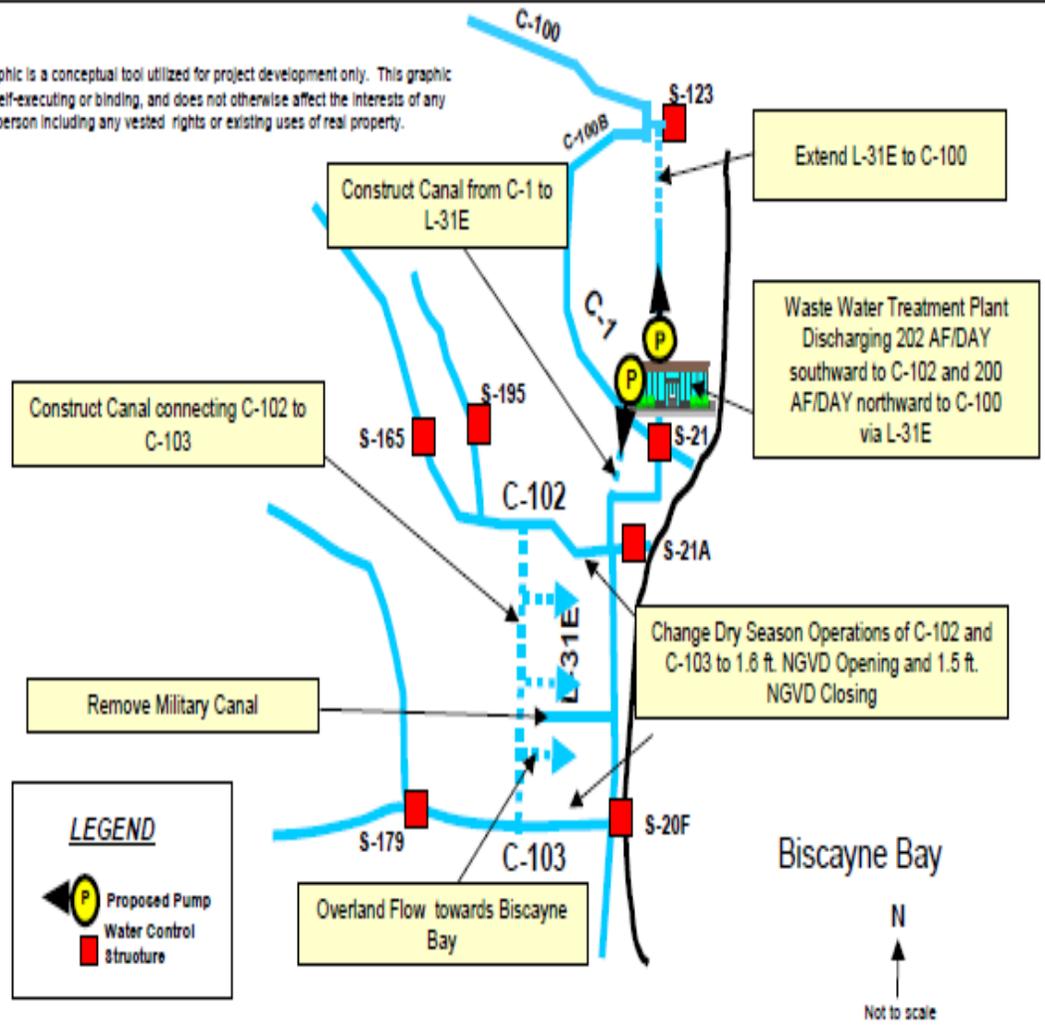
YELLOW BOOK PLANS FOR BBSEER AREA



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QUESTIONS AND FOLLOW UP – EMAIL IS PREFERRED

U.S. Army Corps of Engineers Planning Technical Lead:

Bradley Foster

904-232-2110

Bradley.A.Foster@usace.army.mil

Project Website:

www.saj.usace.army.mil/BBSEER

Project Email:

BBSEERcomments@usace.army.mil

USACE Project Manager

Marie Huber

Marie.L.Huber@usace.army.mil

904-232-1683

SFWMD Project Manager

Melinda Parrott

mparrott@sfwmd.gov

561-682-6324