

SunWest Pasco County Park

RESTORATION PROJECTS

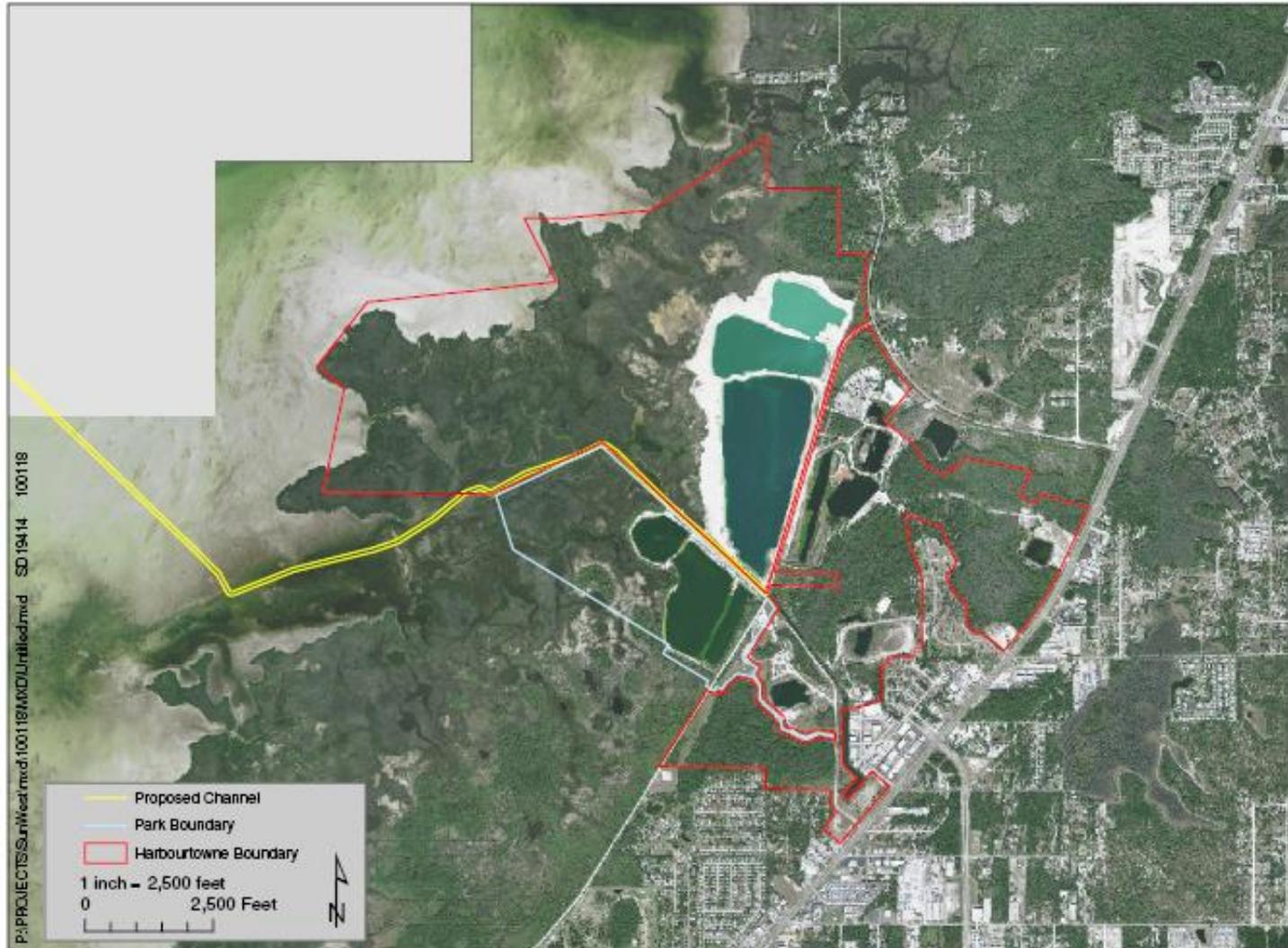
Presentation Outline

- ◆ Project Overview
 - Project Needs
 - Amenities
- ◆ Project Impacts

Site Location Map



Project Area

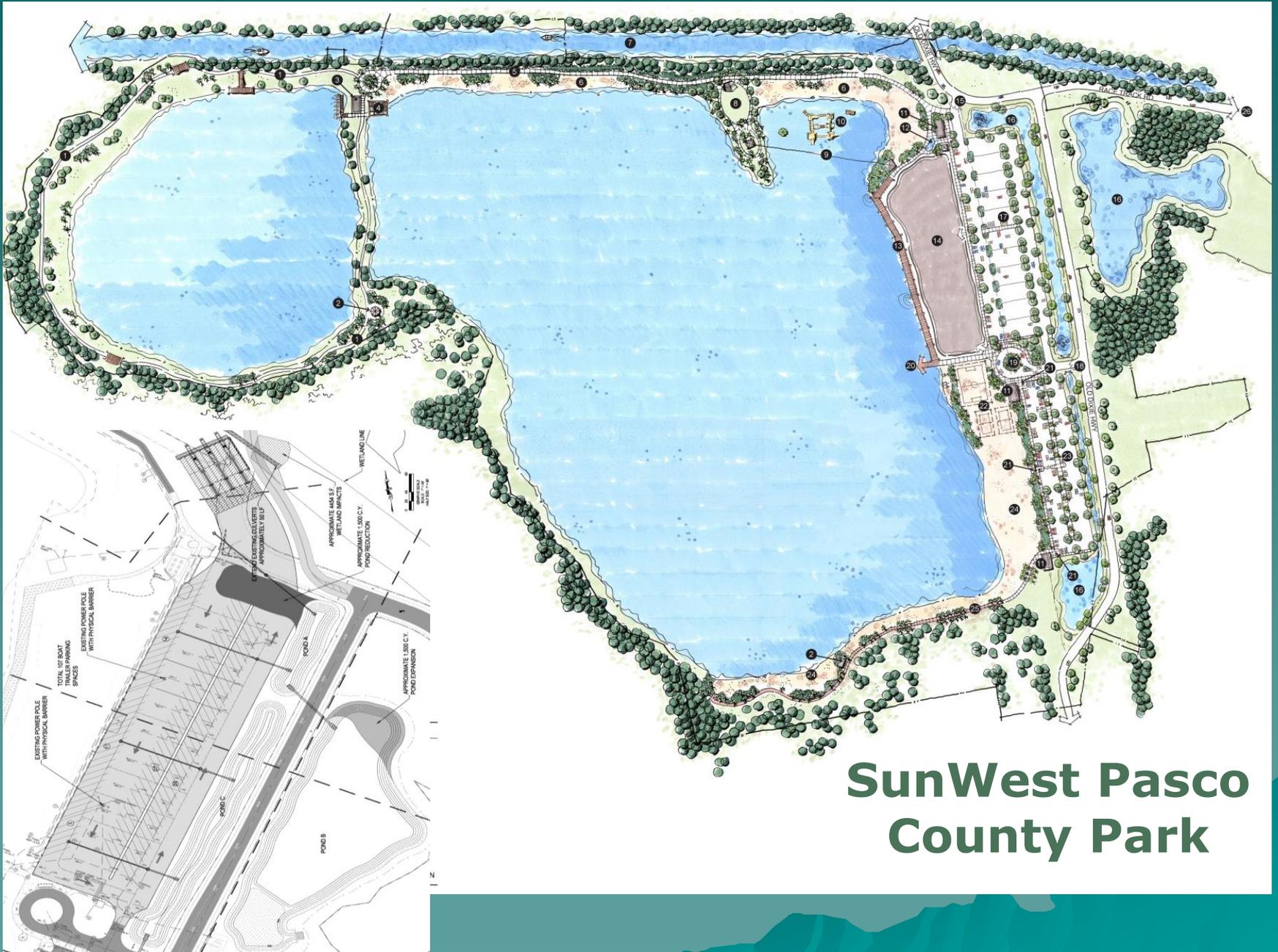


SUNWEST PARK



Project Amenities

- ◆ Expands the use of an existing dredged channel
- ◆ One boat ramp with 7 lanes
- ◆ 530 car/trailer parking spaces
- ◆ Manatee observation tower with educational kiosks
- ◆ Interpretive nature trail
- ◆ Swimming beach



SunWest Pasco County Park

Seagrass

- ◆ Only flowering vascular plants found in the marine environment
- ◆ Extremely important component of the coastal marine ecosystem
 - High primary productivity
 - Supports secondary and tertiary productivity
 - Essential fish habitat
 - Stabilizes sediments



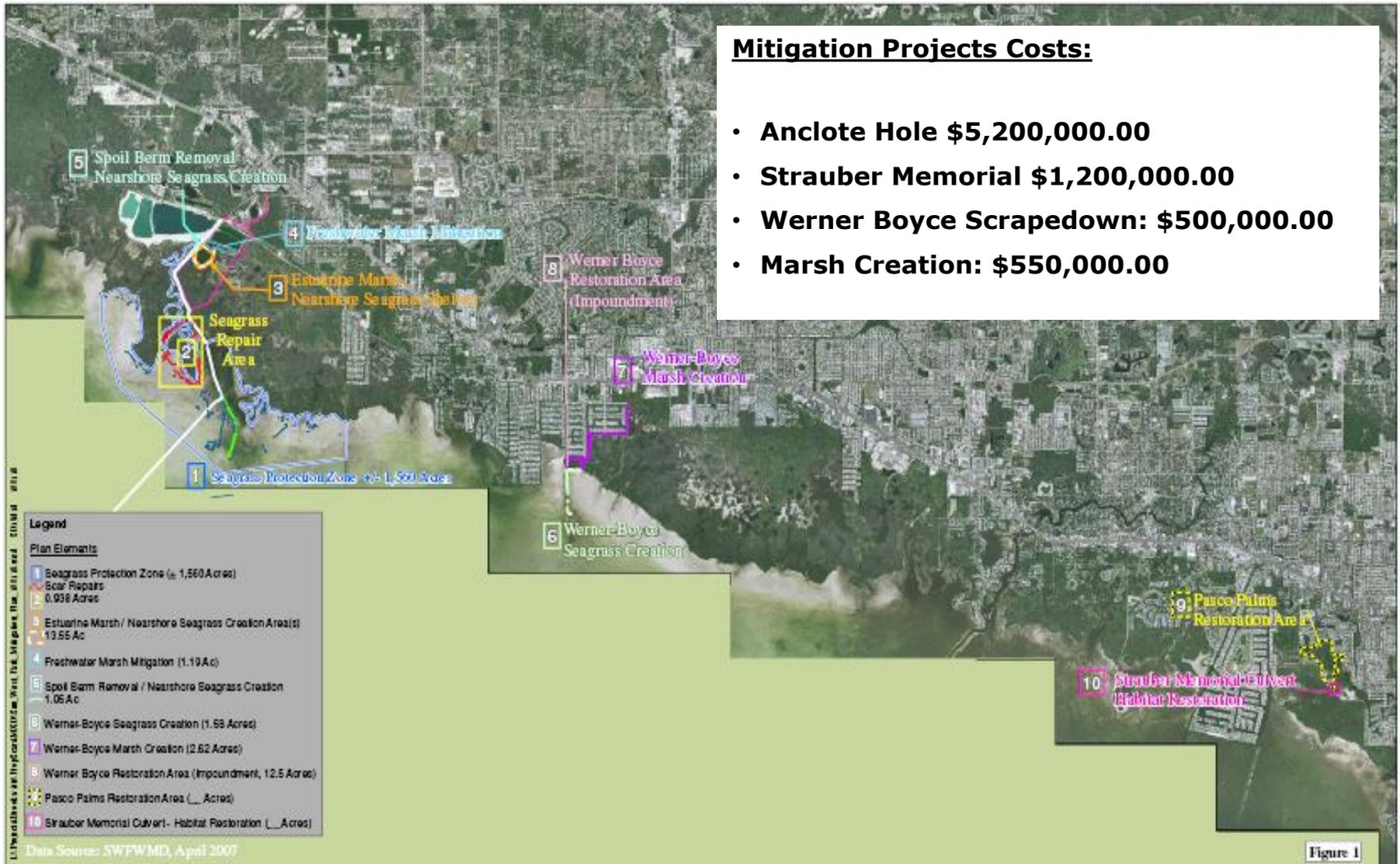
ANCLOTE HOLE RESTORATION

- ◆ A 15 acre hole was created to fill some areas around the anclothe fishing pier and power plant. This area will be re-filled to grade to allow for the seagrass around this area to spread over this location.

Proposed Mitigation Plan

Mitigation Projects Costs:

- Anclote Hole \$5,200,000.00
- Strauber Memorial \$1,200,000.00
- Werner Boyce Scrapedown: \$500,000.00
- Marsh Creation: \$550,000.00



-  SEAGRASS/ SAV TRANSPLANT AREA (7.36 ACRES)
RUPPIA MARITIMA/ HALODOLE WRIGHTII
MACROALGAE
-  ESTUARINE MARSH CREATION AREA (4.75 ACRES)
BORRICHIA FRUTESCENS
DISTICHLIS SPICATA
NELANTHUS DEBILIS
PASPALLUM VAGINATUM
SESSUVIUM
PORTULACAETHUM
SPARTINA BAKEW
-  UPLAND BUFFER ENHANCEMENT AREA (0.88 ACRES) (SEE PLANTING DETAIL SHEET 34B, ZONE A FOR SPECIES PLANT)
PASPALLUM VAGINATUM
IPOMOEA PES-CAPRAE
-  WETLAND ENHANCEMENT AREA (1.5 ACRES) (SEE PLANTING DETAIL SHEET 34B, ZONES F FOR SPECIES PLANT)
JUNCUS ROEMERIANUS

13.61 ACRES OF TOTAL MITIGATION AREA OSW #5



PASCO COUNTY
NEW PORT SEWER ROAD

DATE	10/29/05
DESIGNED BY	
CHECKED BY	
APPROVED BY	
DATE	

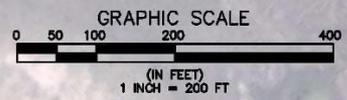
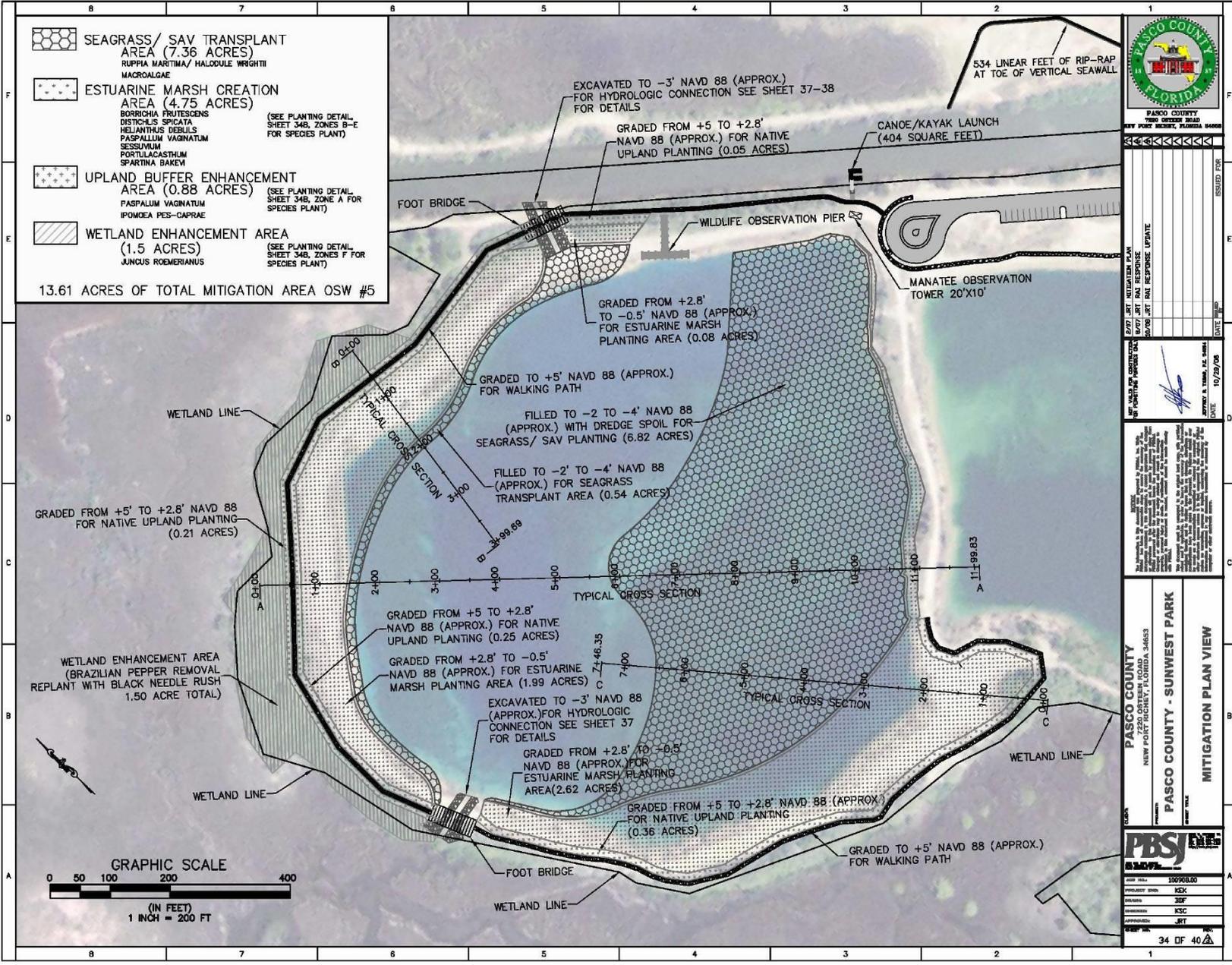
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DATE 10/29/05

NOTES:
1. THIS PLAN IS A PART OF THE MITIGATION PLAN FOR THE NEW PORT SEWER ROAD PROJECT, PASCO COUNTY, FLORIDA. THE PROJECT IS SUBJECT TO THE PERMITS AND REGULATIONS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AND THE U.S. ARMY CORPS OF ENGINEERS (USACE).
2. THE MITIGATION PLAN IS SUBJECT TO THE PERMITS AND REGULATIONS OF THE FDEP AND USACE.
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PASCO COUNTY
NEW PORT SEWER ROAD PROJECT
PASCO COUNTY - SUNWEST PARK
MITIGATION PLAN VIEW

PROJECT NO.	1007000.00
PROJECT NAME	KSC
DESIGNER	3DF
CONTRACTOR	KSC
APPROVED BY	JRT

34 DF 40



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Werner Boyce State Park Mitigation



Strauber Memorial Culvert

