

PRELIMINARY AGENDA

FLORIDA INLAND NAVIGATION DISTRICT Board of Commissioners Meeting

9:00 a.m., Friday, September 08, 2023

Hutchinson Shores Resort
3793 NE Ocean Blvd.
Jensen Beach (Martin County), FL 34957-6514

Item 1. **Call to Order.**

Chair Crowley will call the meeting to order.

Item 2. **Pledge of Allegiance.**

Commissioner Cuzzo will lead the Pledge of Allegiance to the United States of America.

Item 3. **Roll Call.**

Secretary Davenport will call the roll.

Item 4. **Consent Agenda.**

The consent agenda items are presented for approval. Commissioners may remove any items from this agenda that they have questions on or would like the Board to discuss in depth. Any items removed would then be included in the regular agenda in an order assigned by the Chair.

- a) The City of Satellite Beach Small-Scale Spoil Island Restoration and Enhancement Program Application for Samsons Island Kayak Trails.
- b) Waterway Cleanup Assistance to Keep Brevard Beautiful for the Annual International Waterway Cleanup in Brevard County, FL.
- c) Waterway Cleanup Assistance to the City of Palm Coast for the Intracoastal Waterway Cleanup in Flagler County.
- d) The Martin County Board of County Commissioners Small-Scale Derelict Vessel Removal Program Application.
- e) Waterway Cleanup Assistance to Keep Martin Beautiful for the Annual Coastal Cleanup in Martin County.
- f) Miami-Dade County Small-Scale Derelict Vessel Removal Program Application.

(Please see back up pages 6-44)

RECOMMEND: Approval of the Consent Agenda.

Item 5. **Additions or Deletions.**

Any additions or deletions to the meeting agenda will be announced.

RECOMMEND: Approval of a Final Agenda.

Item 6. Public Comments.

The public is invited to provide comments on issues that are NOT on today's agenda. All comments regarding a specific agenda item will be considered following Board discussion of that agenda item. *Please note: Individuals who have comments concerning a specific agenda item should fill out a speaker card and communicate with staff prior to that agenda item.*

Item 7. Board Meeting Minutes.

The minutes of the following meetings are presented for approval.

- June 16, 2023 – Finance & Budget Comm. Mtg. *(Please see back up pages 45-47).*
- June 17, 2023 – Board Meeting. *(Please see back up pages 48-65)*
- June 17, 2023 – Board Meeting *(Please see back up pages 66-74)*

RECOMMEND: Approval of the minutes as presented.

Item 8. Staff Report on Martin County Area Status and Projects.

Staff will present a report on the District's Martin County area status and projects. *(Please see back up pages 75-95)*

RECOMMEND: *(This item is presented for Board review and discussion only.)*

Item 9. Comments and Project Status from the U.S. Army Corps of Engineers.

Staff of the U.S. Army Corps of Engineers (USACE) Intracoastal Waterway Project Management is scheduled to present an update on projects and activities.

(Please see back up pages 96-109)

RECOMMEND: *(This item is presented for Board review and discussion only.)*

Item 10. Martin County Derelict Vessel Removal Program Presentation.

Mr. Jeff Dougherty, Director of the Martin County Building Department, is scheduled to provide a presentation on Martin County's Derelict Vessel Removal Program's processes and experiences. The Derelict Vessel Removal Program is a part of the Code Enforcement Division within the Building Department. Operating in conjunction with Law Enforcement, it functions to maintain safe passage within navigable waterways, and to protect the marine environment.

(Please see back up pages 110-128)

RECOMMEND: *(This item is presented for Board review and discussion only.)*

Item 11. **Dredged Material Management Area SJ-14 Pipeline Easement Relocation.**

The existing pipeline easement for Dredged Material Management Area (DMMA) SJ-14 was established in its current configuration around 2009. This easement contains both a permanent underground discharge outfall and allows for the ingress of the dredge pipe during Intracoastal Waterway dredging projects. The U.S. Army Corps of Engineers (USACE) recently completed a maintenance dredging of the Palm Valley South portion of the nearby Intracoastal Waterway (IWW). Numerous issues arose from a combination of issues with the condition of the existing pipeline and obstructions within the easement.

This request was originally reviewed by the Board in April of 2016 (*please see attached minutes*). Earlier this year, District staff were again approached by the neighboring developer (the PARC Group) to discuss the possibility of relocating a portion of the District's pipeline easement. The PARC Group owns the land that is east of Davis Park Road, which surrounds much of the SJ-14 pipeline easement. The PARC Group is planning the next phase of a residential development, known as Marsh Harbour South (MHS). The development of MHS will impact the eastern extent of the District's pipeline easement near the IWW. The development's proposed design will require that approximately 700 linear feet of easement will need to be realigned, along with moving the existing buried discharge pipeline and associated manholes in this area. The PARC Group has been cooperative and responsive in preliminary discussions; however, they are on a constricted timeline for permitting approval. Staff, the District's Engineer and the District Attorney believe more time is needed to review the specifics of the proposed design changes and easement language to ensure that the long-term interests of the District are protected. Staff is recommending conditional Board approval, with the ability of staff (et al.) to continue to negotiate with the PARC Group for project and easement specifics. A representative from the PARC Group is scheduled to make a brief presentation on this matter.

(Please see back up pages 129-155)

RECOMMEND: Conditional approval, dependent upon further staff and Chair review and concurrence, for the partial relocation of the eastern portion of the pipeline easement at DMMA SJ-14, St. Johns County, FL.

Item 12. **Miami Dade County Waterfront Recreation Access Plan (WRAP) Presentation.**

Miami-Dade County Parks and Recreation staff are scheduled to present on the Miami-Dade County Waterfront Recreation Access Plan (WRAP). The Miami-Dade County Parks Recreation and Open Spaces Department (MDPROS) served as the lead agency in coordinating this waterfront access plan between commercial and public marine interests, environmental and transportation agencies and the 20 municipalities that border Biscayne Bay and the Intracoastal Waterway (IWW). The purpose of the WRAP is to promote and maximize the public benefit and enjoyment of Biscayne Bay, the IWW, and connections to other navigable waterways, and to identify and prioritize waterway access needs of individual communities. The WRAP will provide a five (5) year planning analysis and forecast for future maritime needs.

(Please see back up pages 156-175)

RECOMMEND: (This item is presented for Board review and discussion only.)

Item 13. **Presentation on Coastal Vulnerability Analysis in Florida.**

In 2021, the Florida State Legislature passed Senate Bill 1954 requiring a state-wide flood vulnerability and sea level rise analysis. The Legislature then funded over \$1.3 billion in project appropriations over the next three years (2021, 22, and 23) for Regional Resilience Coalitions, Resilient Florida Planning Grants, and the Statewide Resilience Plan. This has helped to engage local municipalities in understanding their flood risks, primarily in coastal areas.

Taylor Engineering is scheduled to provide a brief presentation on coastal vulnerability within Florida and how this may pertain to the District's operations. The presentation will discuss the ins and outs of vulnerability analyses, providing FIND with an overview of what communities within the District are addressing.

RECOMMEND: *(This item is presented for Board review and discussion only.)*

Item 14. **Assistance Projects Extension Requests.**

Several Assistance Program Project Sponsors have requested extensions of their FY 2021-22 project agreements. In accordance with Chapter 374.96 F.S. and Rule 66B-2.009(1) or Rule 66B-1.009(1) these agreements can be extended with Board approval for one (1) additional year. (Revised project expiration date for each project will be September 30, 2024).

(Please see back up pages 176-200)

RECOMMEND: Approval of the requested 2021 Project Agreement Extensions for one additional year in accordance with Rule 66B-2.009(1) and Rule 66B-1.009(1).

Item 15. **Regulatory Plan for Rule Adoption.**

Florida Statute 120.74 requires that the District prepare a regulatory plan to include a listing of each law the District expects to implement by rulemaking prior to July 1, 2024. Pursuant to this statute, staff has prepared a plan for the Board's review and approval. The plan must be submitted prior to October 1, 2023.

(Please see back up pages 201-205)

RECOMMEND Approval of the District's Regulatory Plan for FY 2023-2024.

Item 16. Benthic Resource Survey for the Intracoastal Waterway at Crossroads, Martin County, FL.

The Crossroads area in Martin County is formed by the merger of the Intracoastal Waterway, the St. Lucie Inlet, and the Okeechobee Waterway. This area has one of the District's highest dredging frequencies due largely to the volume of shoaling associated with the confluence of these waterways. The area is typically dredged every two to three years, and it is now need of dredging, as shoaling has become critical.

At the October Board meeting, Taylor Engineering is expected to provide a scope of work and fee quote to initiate a maintenance dredging project. However, the project will require a benthic resource survey in this vicinity prior to the end of the survey season (the end of September). In order to facilitate the required survey in a timely manner, the District is requesting authorization from the Board for funding for this portion of the project.

Since the benthic resources survey is NOT subject to Florida's Consultant's Competitive Negotiation Act (CCNA), staff can budget for this project and request quotes from various contractors to complete the work in time for the forthcoming project.

(Please see back up pages 206-221)

RECOMMEND: Approval of a budget to complete pre-construction benthic resource surveys in the Crossroads area, Martin County, FL.

Item 17. Finance and Budget Committee Report.

The District's Finance and Budget Committee met prior to the Board meeting and will provide their recommendations concerning items on the Committee's agenda.

(Please refer to the Finance and Budget Committee Agenda Package)

RECOMMEND: Approval of the recommendations of the District's Finance and Budget Committee.

Item 18. Washington D.C. Report.

The District's federal governmental relations firm has submitted status reports concerning activity pertaining to the District's federal issues.

(Please see back up pages 222)

RECOMMEND: *(This item is presented for Board review and discussion only.)*

Item 19. Additional Staff Comments and Additional Agenda Items. *(Note: WEDA & AIWA)*

Item 20. Additional Commissioner Comments.

Item 21. Adjournment.

If a person decides to appeal any decision made by the board, agency, or commission with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

PRELIMINARY CONSENT AGENDA
FLORIDA INLAND NAVIGATION DISTRICT
Board of Commissioners Meeting

9:00 a.m., Friday, September 08, 2023

Hutchinson Shores Resort
3793 NE Ocean Blvd.
Jensen Beach (Martin County), FL 34957-6514

Item a. **The City of Satellite Beach Small-Scale Spoil Island Restoration and Enhancement Program Application for Samsons Island Kayak Trails.**

The City of Satellite Beach has submitted an application for Small-Scale Spoil Island Restoration and Enhancement Program funding for the purchase of a new Jon boat and trailer to be used for kayak trail maintenance and to haul trimmed vegetation back to the City's pontoon boat. The District has previously funded Small-Scale Spoil Island Restoration projects at this location that have been very successful. The request is for \$7,500 and is consistent with the District's program rules.

(Please see back up pages 8-12)

RECOMMEND: Approval of the City of Satellite Beach's Small-Scale Spoil Island Restoration and Enhancement Program Application for the purchase of a Jon boat and trailer in the amount of \$7,500.00 in Brevard County, FL.

Item b. **Waterway Cleanup Assistance to Keep Brevard Beautiful for the Annual International Waterway Cleanup in Brevard County, FL.**

Keep Brevard Beautiful has submitted a funding request for its International Coastal Cleanup Project in Brevard County scheduled for September 16, 2023. The District has participated in this successful annual cleanup for many years. The request is for \$5,000 and the proposal is consistent with the District's program rules-

(Please see back up pages 13-21)

RECOMMEND Approval of the request from Keep Brevard Beautiful for funding assistance for the 2023 International Coastal Cleanup Project in Brevard County in an amount not to exceed \$5,000.

Item c. **Waterway Cleanup Assistance to the City of Palm Coast for the Intracoastal Waterway Cleanup in Flagler County.**

The City of Palm Coast has submitted a request for its Intracoastal Waterway Cleanup Project in Flagler County scheduled for September 9, 2023. The District has funded this cleanup for many years, and it has been very successful. The request is for \$5,000. The proposal is consistent with the District's program rules.

(Please see back up pages 22-25)

RECOMMEND: Approval of the request from the City of Palm Coast for assistance with the 2023 Intracoastal Waterway Cleanup Project in Flagler County in an amount not to exceed \$5,000.

Preliminary Consent Agenda

Sept. 08, 2023

Page 2

Item d. The Martin County Board of County Commissioners Small-Scale Derelict Vessel Removal Program Application.

The Martin County Board of County Commissioners has submitted an application for Small- Scale Derelict Vessel Removal Program funding for the removal of 12 vessels. The District's funding cost-share request is for \$32,546.25. The total project cost is estimated to be \$43,395. Consistent with Rule 66B-2.015, Small-Scale Derelict Vessel Removal Projects, the project is eligible for up to 75% District funding reimbursement. Martin County is requesting \$32,546.25 (75%) District funding reimbursement.

(Please see back up pages 26-30)

RECOMMEND: Approval of Small-Scale Derelict Vessel Removal Program application not to exceed \$32,546.25 in cost share funding from the Martin County Board of County Commissioners for the removal of 12 vessels in Martin County, FL.

Item e. Waterway Cleanup Assistance to Keep Martin Beautiful for the Annual Coastal Cleanup in Martin County.

Keep Martin Beautiful has submitted a request for its Annual Coastal Cleanup Project in Martin County scheduled for September 16, 2023. The District has participated in this successful annual cleanup for many years. The request is for \$5,000. The proposal is consistent with the District's program rules.

(Please see back up pages 31-34)

RECOMMEND: Approval of the request from Keep Martin Beautiful for assistance with the 2023 Annual Coastal Cleanup Project in Martin County in an amount not to exceed \$5,000.

Item f. Miami-Dade County Small-Scale Derelict Vessel Removal Program Application.

Miami-Dade County has submitted an application for Small-Scale Derelict Vessel Removal Program funding for the removal of 4 vessels. The District's requested cost share is \$11,718.75 and the total project cost is estimated to be \$23,850.00. Consistent with Rule 66B-2.015, Small-Scale Derelict Vessel Removal Projects, the project is eligible for up to 75% District funding reimbursement. Miami-Dade County has already removed 12 vessels in 2023 at a District cost of \$63,281.25. Combined, these two 2023 applications keep The County under the maximum available amount of \$75,000 per county, per year.

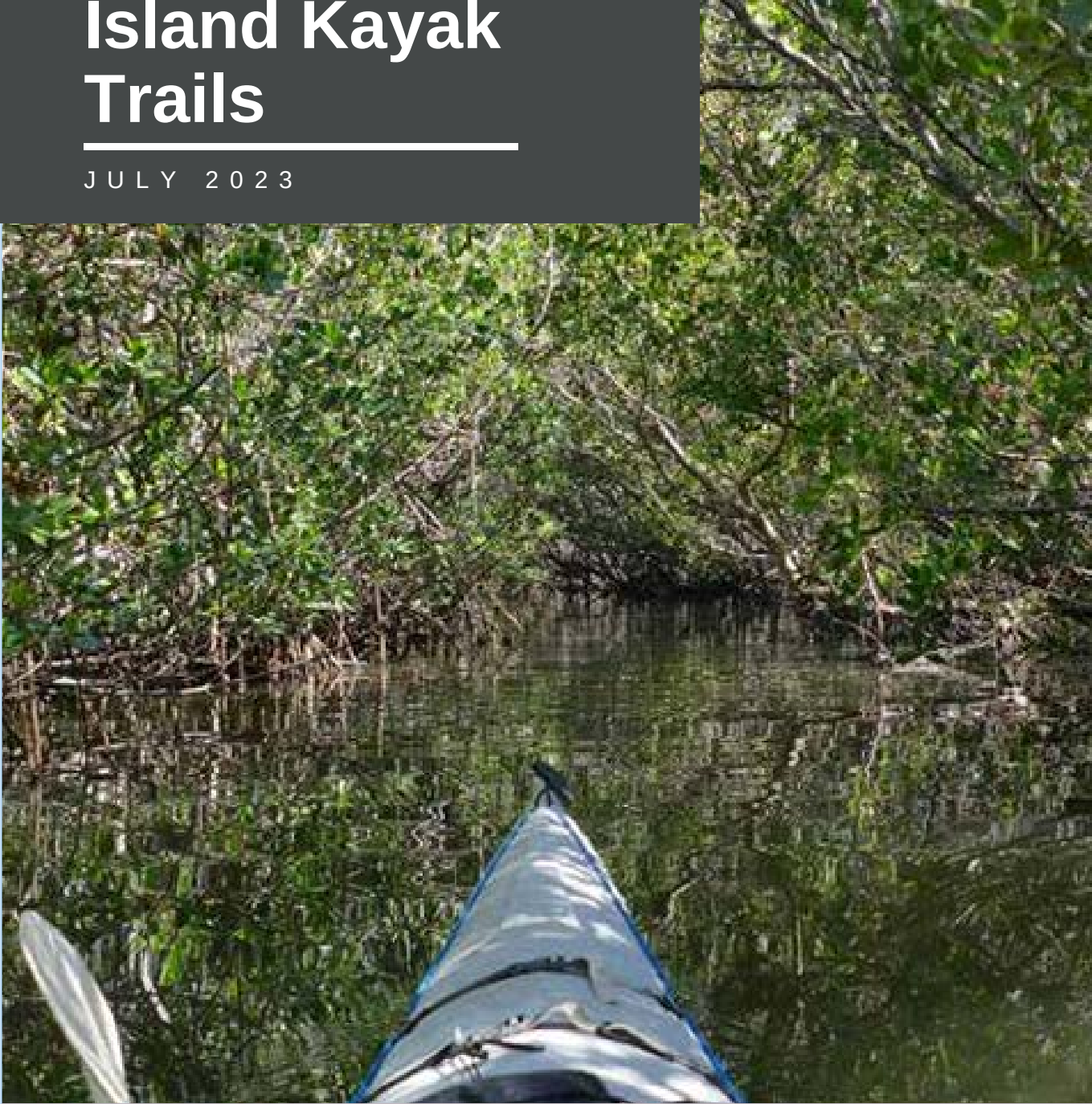
(Please see back up pages 35-44)

RECOMMEND: Approval of Miami-Dade County's Small-Scale Derelict Vessel Removal Program Application for the removal of 4 vessels in Miami-Dade County in an amount not to exceed \$11,718.75.

If a person decides to appeal any decision made by the board, agency, or commission with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

Samsons Island Kayak Trails

JULY 2023



Prepared By: The City of Satellite Beach



SAMSONS ISLAND KAYAK TRAILS

Contact Information



The City of Satellite Beach

Jes Jones, Infrastructure Manager

240 Jackson Avenue, Satellite Beach, FL 32937

Office: (321) 777-2309, Fax: (321) 777-2241

Email: jjones@satellitebeach.gov

Project Location & Background

28.183°N, 80.612°W

Samsons Island is a 52-acre spoil island in the Banana River segment of the Indian River Lagoon Estuary System in Satellite Beach, Brevard County, Florida.

Samsons Island is named after Sam Fuchs and his sons, who, in 1968, donated half of the spoil island to the City of Satellite Beach. The City purchased the remaining 26-acres and designated it a free, passive recreation park and nature preserve. It consists of 2 kayak launches, 3 boat docks, 3 picnic areas, 9 campsites, and restroom facilities.



Project Description



Satellite Beach has strived to enhance and maintain Samsons Island over the years using the most cost-effective methods available. Rather than hire contractors, the City heavily facilitates civic volunteer efforts and uses Public Works personnel to perform maintenance and upgrades. Over the past few years, due to staffing issues, the kayak trails could not be maintained and became overgrown; some are currently impassable.

The Public Works department is once again fully staffed. However, the City's aluminum Jon boat had to be retired unexpectedly in July due to excessive leaks caused by corrosion. A Jon boat is not in the budget for FY23-24. Therefore, the City of Satellite Beach would like to request assistance through FIND to purchase a new Jon boat and trailer. The boat will be used to trim kayak trails and haul vegetation back to the City's pontoon boat. Public Works has an employee who is an ISA Certified Municipal Arborist and Professional Mangrove Trimmer (PMT) who can trim the kayak trails beginning in October when mangroves experience the least amount of growth. As a match to FIND's assistance, the City will purchase a 25HP motor, as paddles were used in the past. The City has all other equipment and resources necessary to restart this important maintenance on the spoil island.



Project Timeline



TASK	START DATE	COMPLETION DATE
CREATE P/O & INITIATE ORDER	UPON REIMBURSEMENT AGREEMENT	AUGUST 2023
PURCHASE EQUIPMENT	AUGUST 2023	SEPTEMBER 2023

Cost Estimate



<i>EQUIPMENT</i>	<i>COST</i>
16' JON BOAT	\$5,500.00
25HP MOTOR	\$4,000.00
TRAILER	\$2,000.00

TOTAL PROJECT COST

\$11,500.00

Cost-Share Breakdown



CITY OF SATELLITE BEACH COST-SHARE	\$4,000.00
FIND COST-SHARE	\$7,500.00

Samsons Island Nature Park

12

Campsites

- C1 Palmetto
- C2 Live Oak
- C3 Longleaf Pine
- C4 Mangrove
- C5 Cypress
- C6 Treehouse
- C7 Cedar Grove
(group camping)
- C8 Sea Grape
- C9 Buttonwood

Picnic Areas

- P1 Main Dock
- P2 Pond View
- P3 Twisted Cedar

Docks

- D1 Main (East) Dock
- D2 North Dock
- D3 South Dock

Kayaks

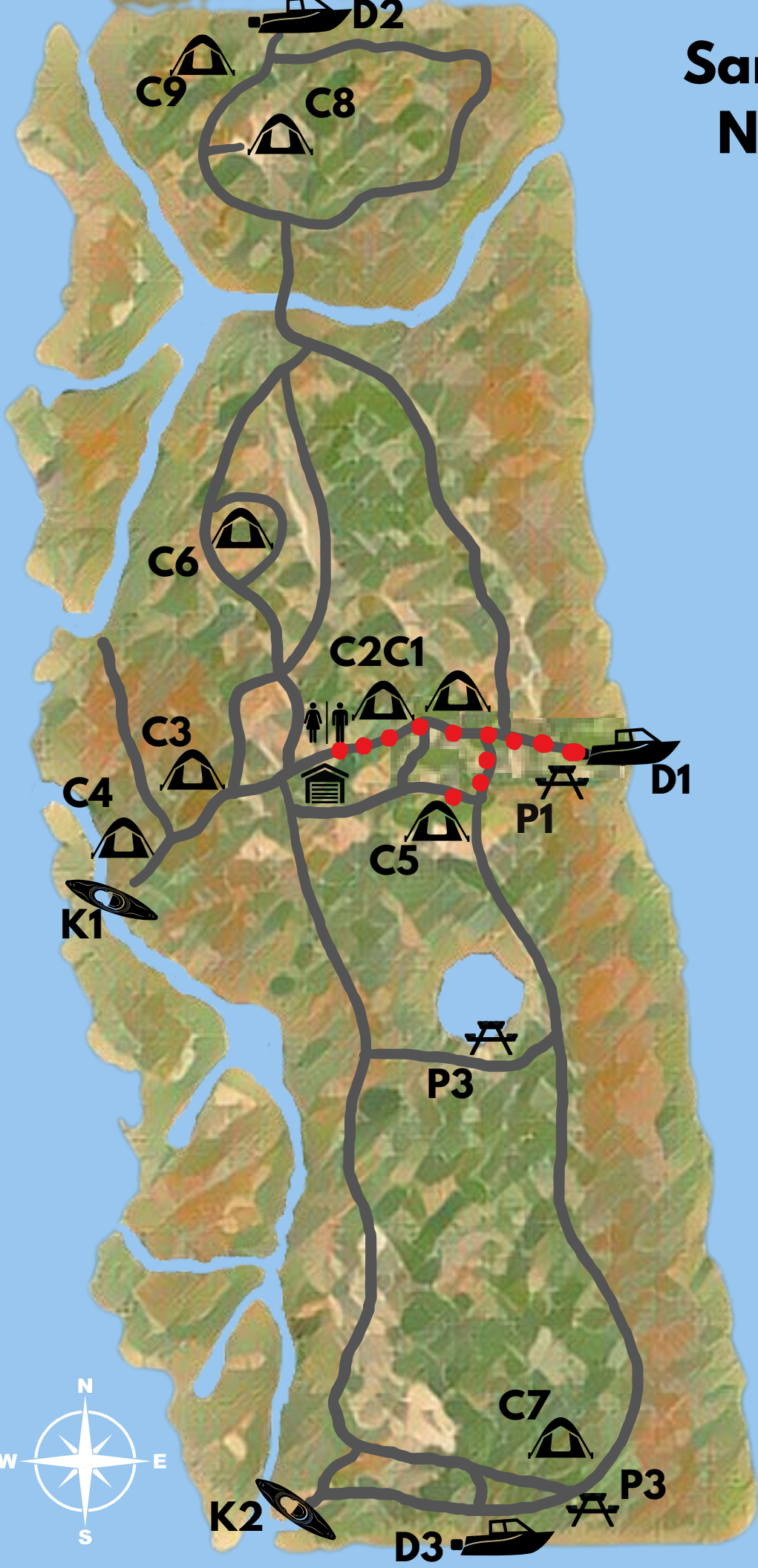
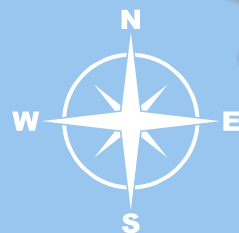
- K1 West Landing
- K2 South Landing

Restroom

Storage

Trail

ADA Trail



August 4th, 2023

Dear Ms. Zimmerman:

Keep Brevard Beautiful is a 501©(3) nonprofit organization that delivers countywide cleanup services, litter removal programs, and encouragement to keep our waterways free of pollution. With your continued support we were able to host many successful cleanups in Brevard County.

This year's Summer Series had almost 300 volunteers, we went out to 4 different locations on 4 different days and collected trash near our waterways. Our volunteers went out by kayak, boat and foot and collected over 9,500 pounds of trash.

September 16th, 2023 is International Coastal Cleanup. KBB has 22 locations signed up so far. Last year we had 452 volunteers and collected over 5,000lbs of trash in 4 hours.

This year we will be adding Battle of The Causeways in November. We are asking volunteers to come out and fight pollution where it starts, not at the end. SR 528 serves as an entrance to our beautiful local beaches and is home to the wildlife we cherish. Volunteers will split into two teams, East and West. The East team will collect litter on the east causeway and the West team will collect litter on the West Causeway. Last year at this location we collected over 2 tons of trash!

Your generous support will allow us to continue these activities. Attached for your approval is a list of cleanups and proposed locations we have scheduled and a budget outlining expenditures for the use of the District funds.

We are grateful for the District's continued support and look forward to working together in the future.

Respectfully,

Kristina Fannin

Kristina Fannin

Event and Volunteer Coordinator

321-631-0501 ext. 205

Kristina.fannin@keepbrevardbeautiful.org

Aug 4, 2023

**Keep Brevard Beautiful, Inc.
Florida Inland Navigation District
International Coastal Cleanup**

<i>BUDGET</i>	<i>\$AMOUNT</i>
Tshirts	\$2,000
Buckets	\$1,000
Grabbers	\$1,500
Gloves	\$500
Total requested from FIND	\$5,000

International Coastal Cleanup

Park Clean Up - kristina.fanni x keepbrevardbeautiful.beautif x Rotary Park at Suntree - Google Maps x Online Insurance Quoting ar x Your 4imprint.com Shopping x

google.com/maps/place/Rotary+Park+at+Suntree/@28.2296024,-80.6746195,17z/data=!3m1!4m6!3m5!1s0x88de04f1327e32d7:0x814e32e494383f1818...

New Tab

Rotary Park at Suntree, U.S. 1, Rockledge

Rotary Park at Suntree

4.7 ★★★★★ (781)

Park

Overview Reviews About

Directions Save Nearby Send to phone Share

✓ Dogs allowed

6495 US-1, Rockledge, FL 32955

Open · Closes 9 PM

Health First Health Plans

Restaurants Hotels Things to do Transit Parking Pharmacies ATMs

Quilting Folks Sewing Gallery, Inc. Sewing shop

Affordable Pawn & Gun Pawn shop

Refined Interiors Home Design Studio Home improvement store

Maaco Auto Body Shop & Painting Maaco's America's Body Shop

Suntree Animal Clinic

Healthy Minors LLC or Healthy Minors Pediatric School & Camp Physicals

Pineda Inn Bar & Grill

Classic Flooring Center Flooring store

Brevard Appraisal Service

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Park Clean Up - kristina.fanni x keepbrevardbeautiful.beautif x Lori Wilson Park - Google Maps x Online Insurance Quoting ar x Your 4imprint.com Shopping x

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New Tab

Lori Wilson Park, North Atlantic Avenue

Lori Wilson Park

4.6 ★★★★★ (4,956)

Park

Overview Reviews About

Directions Save Nearby Send to phone Share

Scenic coastline park featuring beach access, pavilions, grills & dunes, plus a boardwalk & fishing.

✓ Dogs allowed

1500 N Atlantic Ave, Cocoa Beach, FL 32931

Restaurants Hotels Things to do Transit Parking Pharmacies ATMs

Waterfront House For Rent, Pool, Boat

Jamaica Cove Owners

Hilton Cocoa Beach Oceanfront 4.2 ★ (3137) 4-star hotel

Florida Coast Realty Partners

Mary Ann Thompson, RE/MAX Solutions

Antigua Realty

June Dr

Ice Cream Hut Cocoa Beach Ice Cream · S

Cocoa Beach Health and Fitness

Space Coast Surf the Best private surf lesso... Space Coast Surf

The Mansfield Maritime Hammock

Restrooms

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Park Clean Up - kristina.fanni x keepbrevardbeautiful.beautif x Seagull Park - Google Maps x Online Insurance Quoting ar x Your 4imprint.com Shopping x

google.com/maps/place/Seagull+Park/@28.2056107,-80.5990562,17z/data=!3m1!4b1!4m6!3m5!1s0x88de1afc564fd237:0x764d825ec3d2356b!8m2!3d28.205...

New Tab

Seagull Park, Florida A1A, Satellite Bea

Seagull Park

4.5 ★★★★★ (493)

Park

Overview Reviews About

Directions Save Nearby Send to phone Share

285 Florida A1A, Satellite Beach, FL 32937

Open · Closes 8 PM

brevardfl.gov

Ocean Blvd Beachside Retro Restaurants Hotels Things to do Transit Parking Pharmacies ATM

SE 4th St SE 3rd St SE 2nd St SE 1st St

Flamingo Dr Paul's Beach Automotive Service

Eden Ave Inflatable Party Rentals Hedgegrove Ave

SE 1st St SE 1st St

South Patrick Condos Silver Sands Condo Associates

Seagull Park

Goombay's Beachside Seafood

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90°F 12:30 PM 7/6/2023

Park Clean Up - kristina.fanni x keepbrevardbeautiful.beautif x Canova Beach Park - Google x Online Insurance Quoting ar x Your 4imprint.com Shopping x

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New Tab

Canova Beach Park, North Highway A1

Canova Beach Park

4.6 ★★★★★ (3,226)

Park

Overview Reviews About

Directions Save Nearby Send to phone Share

Dogs on leashes are allowed at this beach park with a picnic pavilion, showers & restrooms.

✓ Dogs allowed

3299 N Hwy A1A, Indian Rocks Beach, FL 32080

REALTOR Coastal Hill Dr Atlantis Urgent Care Irene H. Canova Park

Wallace Ave Ocean View RV & Mobile Home Court Corked 1080

Winn-Dixie DoorDash Delivery Sheila G Brands Cookies

Boaters Pub & Biergarten Dollar Tree Summer Supplies for Less Lou's Blues Bar & Grill

McDonald's Stop By McDonald's Today

Eau Gallie Beach

Radisson Suite Hotel Oceanfront 4.2 ★ (1681) 3-star hotel

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Heavy... 12:31 PM 7/6/2023

Park Clean Up - kristina.fanni x keepbrevardbeautiful.beautifi x Ballard Park - Google Maps x Online Insurance Quoting ar x Your 4imprint.com Shopping x

google.com/maps/place/Ballard+Park/@28.1247523,-80.6275704,17z/data=!3m1!4b1!4m6!3m5!1s0x88de102e87689251:0x2c5c1b3331dbdd9e!8m2!3d28.12... New Tab

Ballard Park, Thomas Barbour Drive, M

Ballard Park
4.6 ★★★★★ (1,325)
Park

Overview Reviews About

Directions Save Nearby Send to phone Share

Riverfront park with sport courts, boat ramps, a playground & picnic facilities.
✓ Dogs allowed

924 Thomas Barbour Dr Melbourne, FL 32935

Restaurants Hotels Things to do Transit Parking Pharmacies ATM

Eau Gallie Yacht Basin Houston Street Park The Ballard House Eau Gallie River

Restrooms Tennis Courts Melbourne High School Crew

Map data ©2023 United States Terms Privacy Send feedback 200 ft

12:31 PM 7/6/2023

Park Clean Up - kristina.fanni x keepbrevardbeautiful.beautifi x Playalinda Beach - Google M x Online Insurance Quoting ar x Your 4imprint.com Shopping x

google.com/maps/place/Playalinda+Beach/@28.7021041,-80.6775441,15z/data=!3m1!4b1!4m6!3m5!1s0x88e0b7c8686fee6f:0x6264332788a12533!8m2!3d28... New Tab

Playalinda Beach, Titusville, FL

Playalinda Beach
4.7 ★★★★★ (443)
Beach

Overview Reviews

Directions Save Nearby Send to phone Share

Playalinda Beach Road, Titusville, FL 32796
visitspacecoast.com
(321) 267-1110

Restaurants Hotels Things to do Transit Parking Pharmacies ATM

Playalinda Beach

Map data ©2023 United States Terms Privacy Send feedback 1000 ft

90°F 12:32 PM 7/6/2023

Google Maps interface showing Shepard Park, East Cocoa Beach Causeway, Cocoa Beach, FL. The map displays the park area, surrounding streets (W Suwannee Ln, E Suwannee Ln, E Volusia Ln, N Atlantic Ave, Ocean Beach Blvd, Brevard Ln), and nearby businesses (Pita Paradise, Pizza Hut, 7-Eleven, The Inn at Cocoa Beach, etc.). The park is rated 4.6 stars (2,007 reviews).

Shepard Park
4.6 ★★★★★ (2,007)
Park

Overview | Reviews | About

Directions | Save | Nearby | Send to phone | Share

A 5-acre oceanfront park offering picnic areas, shower facilities & a view of space launches.
✓ Dogs allowed

299 E Cocoa Beach Causeway, Cocoa Beach, FL

Google Maps interface showing Coconut Point Park, Florida A1A, Melbourne Beach, FL. The map displays the park area, surrounding streets (5th St, Hwy A1A, S Hwy A1A), and nearby businesses (Indigo Cove Pizzeria, etc.). The park is rated 4.7 stars (534 reviews).


Coconut Point Park
4.7 ★★★★★ (534)
Park

Overview | Reviews | About

Directions | Save | Nearby | Send to phone | Share

3535 Florida A1A, Melbourne Beach, FL 32951
Open · Closes 8 PM
brevardfl.gov

Barrier Island Sanctuary, South Highwa



Barrier Island Sanctuary
4.7 ★★★★★ (503)
Visitor center

Overview Reviews About

Directions Save Nearby Send to phone Share

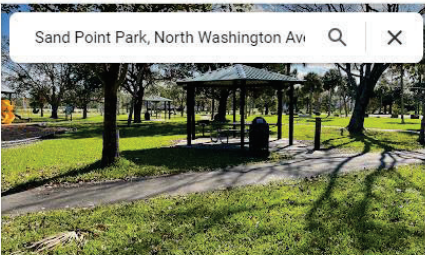
8385 S Hwy A1A, Melbourne Beach, FL 32951
Open · Closes 5 PM
brevardfl.gov

Restaurants Hotels Things to do Transit Parking Pharmacies ATMs

Map data ©2023 United States Terms Privacy Send feedback 200 ft

12:34 PM 7/6/2023

Sand Point Park, North Washington Av



Sand Point Park
4.6 ★★★★★ (2,658)
Park

Overview Reviews About

Directions Save Nearby Send to phone Share

30 acres of riverfront terrain with an exercise trail, an astronaut memorial monument & picnicking.
✓ Dogs allowed

101 N Washington Ave, Titusville, FL 32706

Restaurants Hotels Things to do Transit Parking Pharmacies ATMs

Map data ©2023 United States Terms Privacy Send feedback 200 ft


12:33 PM 7/6/2023

Park Clean Up - kristina.fanni x keepbrevardbeautiful.beautif x Ramp Road Park - Google M x Online Insurance Quoting ar x Your 4imprint.com Shopping x +

google.com/maps/place/Ramp+Road+Park/@28.3097751,-80.6167652,17z/data=!3m1!4m6!3m5!1s0x88e1d23c42fce9:0x6e0a543d95d7af57!8m2!3d2...

New Tab

Ramp Road Park, Ramp Road, Cocoa B



Ramp Road Park
4.7 ★★★★★ (345)
Park

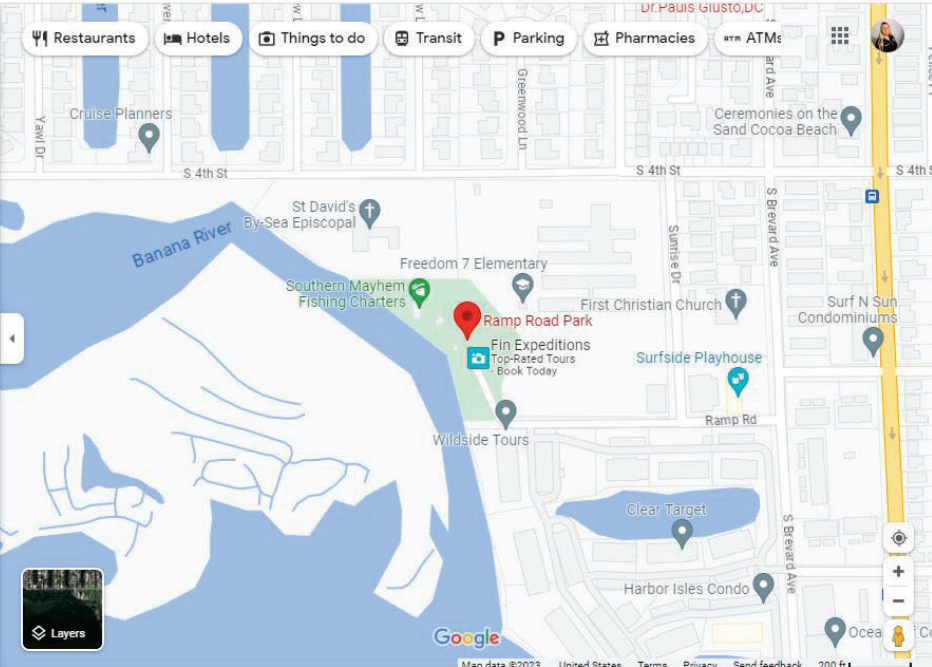
Overview Reviews About

Directions Save Nearby Send to phone Share

Park featuring fishing, boat docks, a playground, picnic shelters, restrooms, tennis & more.

Sponsored • By Groupon

Central Florida Kayaking Deals



Map data ©2023 United States Terms Privacy Send feedback 200 ft

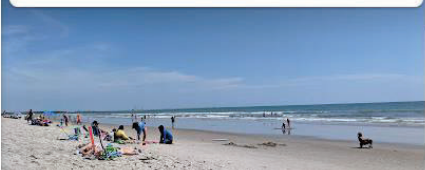
12:34 PM 7/6/2023

Park Clean Up - kristina.fanni x keepbrevardbeautiful.beautif x Cherie Down Park - Google M x Online Insurance Quoting ar x Your 4imprint.com Shopping x +

google.com/maps/place/Cherie+Down+Park/@28.3918399,-80.5995312,17z/data=!3m1!4m6!3m5!1s0x88e0a7acfce5aeb7:0x2da24ea72213d390!8m2!3d...

New Tab

Cherie Down Park, Ridgewood Avenue,



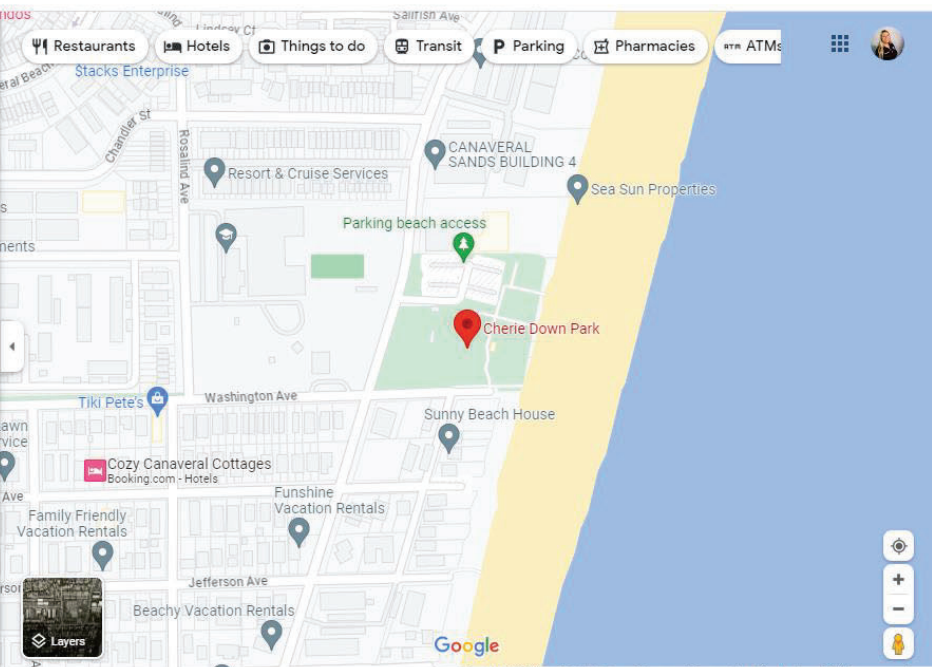
Cherie Down Park
4.6 ★★★★★ (3,043)
Park

Overview Reviews About

Directions Save Nearby Send to phone Share

This 7-acre beach park features a 200-ft. boardwalk along sand dunes, plus picnic shelters.

8330 Ridgewood Ave, Cape Canaveral, FL 32920



Map data ©2023 United States Terms Privacy Send feedback 200 ft

12:35 PM 7/6/2023

Google Maps interface showing Jetty Park, Port Canaveral, FL. The map displays the park area, surrounding roads (Jetty Park Rd, George King Blvd, Siskin Dr, Campground Cir, Goldenshoe Cir, Shorewood Dr, Lake Dr, Caribbea Dr), and nearby landmarks (Freddie Patrick Park Boat Ramp, Waters Edge Cafe, Jetty Park Launch Viewpoint, Jetty Park Pier, Cape Grill & Bar, Jetty Park Surf Camp & Lessons, Holiday Inn Club Vacations Cape..., You Name It Vacations, Tours Galore). The left sidebar shows the search results for Jetty Park, including a photo, rating (4.6 stars, 578 reviews), and address (397 Jetty Park Rd, Port Canaveral, FL 32920). The bottom status bar shows the time (12:35 PM) and date (7/6/2023).

Search results for Jetty Park, Jetty Park Road, Port Canaveral:

- Jetty Park
- 4.6 ★★★★★ (578)
- Park
- Overview | Reviews | About
- Directions | Save | Nearby | Send to phone | Share
- 397 Jetty Park Rd, Port Canaveral, FL 32920
- Open · Closes 9 PM
- portcanaveral.com

Map data ©2023 United States Terms Privacy Send feedback 200 ft



July 12, 2023

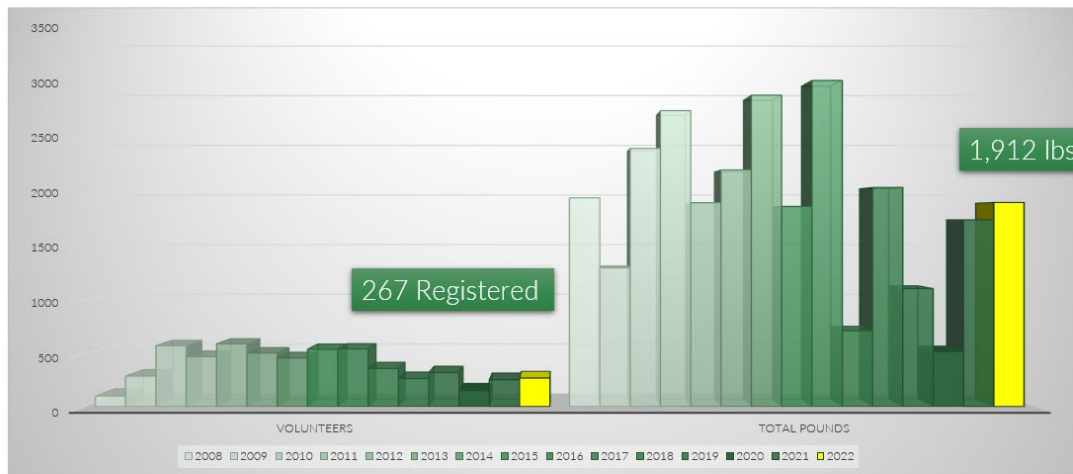
Ms. Janet Zimmerman, Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477

Dear Ms. Zimmerman,

First, I wish to thank you and the Florida Inland Navigation District (FIND) Board members for the 2022 grant funding for the City's Intracoastal Waterway Cleanup Event. The City of Palm Coast is delighted with the 2022 results and considers these successes to be a direct result of the continued support from FIND.

In 2022, two hundred and sixty-seven volunteers registered for the event, and approximately 1,912 pounds of debris removed from the Intracoastal Waterway, primary saltwater canals, parks, and trails. Over the course of the last thirteen years, the Palm Coast Community has collected over 13.8 tons of material from the environment.

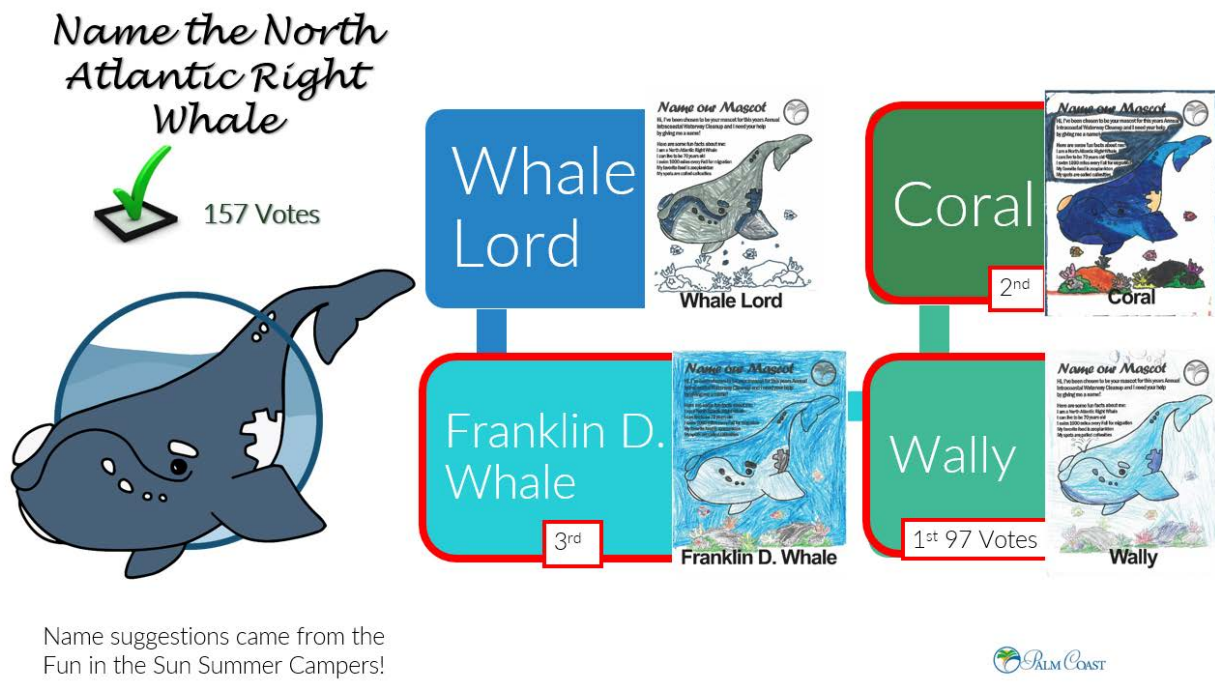
How Did Our Volunteers Do?



The City continually seeks opportunities to enhance this event program through unique partnerships and event experiences. A North Atlantic Right Whale was chosen for this

year's event and appeared on promotional materials. For 2022, we conducted another "Name the Mascot" campaign, the name suggestions came from our Fun in the Sun Summer Campers. The results of the naming contest are shown below.

Coloring pages were provided to the campers and they were given a week to come up with a name for the mascot. The camper's ideas were used as graphics to help people vote on the mascot's name. **157** votes were cast with "Wally" becoming the winner.



This year the local Home Depot store donated trash bags and water bottles to the event for our volunteers to utilize. We look forward to working with them on future events.

In 2022, the Most Unique F.I.N.D. Contest continued to be at the heart of the fun while being a great pollution awareness tool. In past years, the Florida Fish and Wildlife Conservation Commission law enforcement officers participate as honorary judges for the contest. This past year, Mayor David Alfin and F.I.N.D. Commissioner Randy Stapleford judged the contest.

To continue this annually recognized event, the City is looking to FIND for continued support for another stunning cleanup event. With that said, the City of Palm Coast is requesting \$5,000.00 FIND Grant dollars for the 2023 Intracoastal Waterway Cleanup scheduled for September 9, 2023.

Projected Budget

T-shirts (Group identification for clean-up event)	= \$2,500
Reusable Water Bottles (minimize plastic waste)	= \$1,500
Gusset Tote Bags (carry group supplies)	= \$ 700
Garbage Bags (various types; trash & recyclables)	= \$ 200
Gloves (variety to meet needs)	= \$ 100

FIND Total \$5,000

City Match:

Staff – coordination, organization, registration, volunteer recruitment, advertising, event support, garbage collection, disposal, etc.

Office – supplies, paper, printing, maps, phone, computer, etc.

To further facilitate the City's commitment to this event, budget documents have been attached for your consideration.

Thank you once again for your 2008 - 2022 event support and we hope to continue this stellar partnership in the future to keep our community clean.

Respectfully,



Jordan Myers, CFM
Stormwater Operations Manager

Attachment(s)

Budget documentation

Waterway Cleanup Budget

Expenses

TOTAL EXPENSES

Estimated	Actual
\$7,400.00	\$0.00

Printed Supplies	Estimated	Actual
T-shirts	\$2,500.00	
Tote Bags	\$1,900.00	
Water bottles	\$1,500.00	
Total	\$5,900.00	\$0.00

Supplies	Estimated	Actual
Garbage bags	\$250.00	
Gloves	\$250.00	
Sanitizer	\$200.00	
Award winner prizes	\$300.00	
Total	\$1,000.00	\$0.00

Refreshments	Estimated	Actual
Snacks and drinks	\$500.00	
Total	\$500.00	\$0.00

ATTACHMENT A

**FLORIDA INLAND NAVIGATION DISTRICT
SMALL-SCALE DERELICT VESSEL REMOVAL PROGRAM APPLICATION**Applicant: Martin County Board of County CommissionersProject Title: 2023 Martin County Derelict Vessel Removal ProgramContact Person: Jeff DoughertyTitle: Building OfficialAddress: 2401 SE Monterey RoadStuart, Florida Zip Code: 34984Telephone: 772-260-7928 Fax: 772-419-6927Email: jdougherty@martin.fl.usNumber of Vessels and waterway locations: Twelve (12) Exhibit A
(Please include pictures and map locations on a separate worksheet)Vessel Distance from the Intracoastal Waterway SEE GPS LOCATION Exhibit BTotal Estimated Costs to removal all vessels: \$\$43,395.00; FIND Funding Requested: \$ \$32,546.25
% of total cost: 75%. Please complete and attach a cost estimate sheet (Form # 01-06) for each vessel to
be removed, in addition to a contractor bid sheet)Amount and Source of Applicants Matching Funds: \$10,848.75Other (non-FIND) Assistance applied for (name of program and amount) N/AHave all vessels been identified by the Florida Fish & Wildlife Conservation Commission (FFWCC) (or other
applicable marine law enforcement agency) as derelict? YES If not, explain: _____Have all necessary permits and or approvals been approved for the removal of the derelict vessels? YES

If not, please explain: _____

I hereby certify that the information provided in this application is true and accurate.SIGNATURE: DATE: 8/16/2023

ATTACHMENT C
Small-Scale Derelict Vessel Removal Projects Funding Policy
(Rule 66B-2.015)

Proposals shall be accepted for financial assistance for the removal of derelict vessels within the District's waterways. The applicable provisions of this rule apply to these applications with the following additions or exceptions:

(1) Application Procedure — Applications shall be submitted on a completed FIND Form No. 05-01 (effective date 04-24-06), hereby incorporated by reference and available from the District office. Applications may be submitted to the District and considered by the Board at any time during the year.

(2) The District shall only fund applicants that have identified derelict vessels to be removed and have an outstanding bid for removal for such vessels, subject to eligibility under these program rules.

(3) The program must be sponsored by an eligible government agency or not-for profit organization.

(4) District funding shall be limited to \$75,000 per county, per year, provided on a reimbursement basis only.

(5) The eligible applicant must provide the remaining matching funds for project completion. In no case shall the District's cost-share contribution exceed 75% of the total project costs. In-house project management or administration costs are not eligible costs or matching costs.

(6) The derelict vessel must be located in, the District's waterways, as defined in subsection 66B-2.003(28) "Waterways".

(7) The District shall be recognized when possible in all written, audio or video advertising and promotions as a participating sponsor of the program.

(8) The funding provided by the District shall only be allocated for removal of derelict vessels. The District is providing program reimbursement funds only and shall be held harmless with regards to the activities initiated by the applicant.

(9) The applicant shall be responsible for all maintenance, management, disposal and operating expenses associated with the program.

(10) Funds derived from the sale of any derelict vessels or vessel parts removed through this grant program must be reinvested into the applicant's derelict vessel removal program.

(11) The District Board shall make all final decisions concerning the provision of funding for this program.

EXHIBIT A

F.I.N.D. GRANT 2023 (FALL)

CASE NUMBER	VESSEL SIZE	COST/SPENDITURE
ENF2023030665	25'	\$3,625.00
ENF2023030664	15'	\$1,900.00
ENF2023040097	28'	\$4,030.00
ENF2023040517	27'	\$3,895.00
ENF2023050010	19'	\$2,340.00
ENF2023050147	33'	\$5,860.00
ENF2023050849	18'	\$2,230.00
ENF2023060136	28'	\$4,030.00
ENF2023060146	35'	\$6,200.00
ENF2023070026	15'	\$1,900.00
ENF2023080100	26'	\$3,760.00
ENF2023080327	25'	\$3,625.00

TOTAL # VESSELS

12

TOTAL BOCC SPENT

\$43,395.00

TOTAL F.I.N.D. MATCH @ 75% REQUESTED - \$32,546.25

EXHIBIT B

F.I.N.D. GRANT 2023 (FALL)

CASE NUMBER	VESSEL SIZE	GPS LOCATION
ENF2023030665	25'	27.08.897 080.11.641
ENF2023030664	15'	27.08.930 080.11.704
ENF2023040097	28'	27.11.303 080.16.235
ENF2023040517	27'	27.12.040 080.15.275
ENF2023050010	19'	27.11.212 080.16.162
ENF2023050147	33'	27.11.258 080.15.982
ENF2023050849	18'	27.13.491 080.12.643
ENF2023060136	28'	27.03.933 080.19.000
ENF2023060146	35'	27.8.825 080.11.700
ENF2023070026	15'	27.11.070 080.10.321
ENF2023080100	26'	27.9.224 080.11.783
ENF2023080327	25'	27.6.050 080.8.465

TOTAL # VESSELS

12

Our mission is to preserve and enhance the quality of life in our community through litter prevention, waste reduction, beautification and community improvement and environmental stewardship education.

August 22, 2023

Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477

**2022/2023
Board
Members**

OFFICERS

Craig Ahal
President

Jennifer Stull-Wise
*Vice President/
Treasurer*

Anne Ellig-Hawkins
Secretary

DIRECTORS

Thomas Bankert

Rachael Delekta

Marilyn Gavitt

John Vanilla

Dear Mrs. Zimmerman:

Thank you for the past support the Florida Inland Navigation District has provided to Keep Martin Beautiful to assist our annual Coastal Cleanup initiative. We had a great turnout last year with more than 1,000 volunteers participating in the cleaning of our beaches, river shorelines and waterways. In addition to our strong showing of land-based volunteers, we also had dozens of paddle boards, kayaks, canoes and small boats assisting on the water. The data we collect from this cleanup has been instrumental as we work with Martin County officials to deal with litter and marine debris issues and areas of special concern.

The funding provided by the Florida Inland Navigation District (FIND) is critical to the success of our cleanup, and the positive impact that the results and data have on our community. The efforts of Keep Martin Beautiful (KMB) and our dedicated base of volunteers are a key component in helping maintain a clean and safe environment in and around our waterways. Your continued support is appreciated as we continue to facilitate stewardship of our waterways throughout our entire community.

The event will take place on Saturday, September 16. Volunteers must register in advance online and will be provided with safety protocols for conducting the cleanups.

We respectfully request the maximum allowable financial support of \$5,000 from FIND, just as you have provided every year since the mid-1990s. We view your longstanding support as an investment in our community and our organization. We have always worked hard to maximize that investment and will continue to do so. The size and scope of our annual cleanup continues to play an important role in Martin County's quality of life – for residents as well as the natural environment.

If you have any questions or need additional information, please feel free to contact Tiffany Kincaid at 772-781-1222 or at tiffany@keepmartinbeautiful.org.

Sincerely,

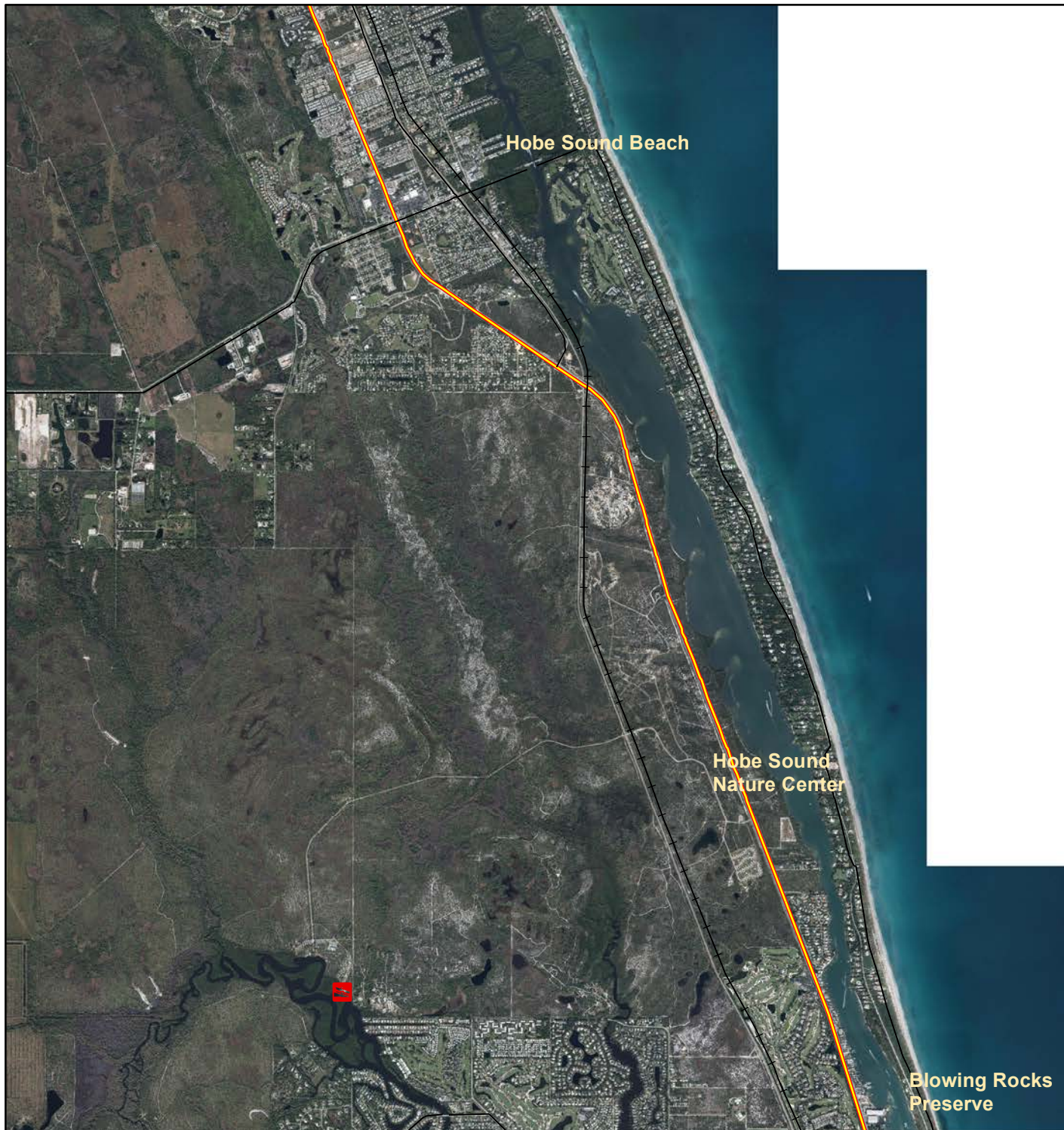


Craig Ahal
KMB President



Martin County Parks and Beaches





Martin County Parks and Beaches in South County

2023 Proposed Budget		
International Coastal Clean Up		
	KMB & Matching	Proposed FIND 2022
T-Shirts	\$ 4,000.00	\$ 4,250.00
Postage	\$ 25.00	N/A
Printing & Design	\$ 500.00	\$ 300.00
Website Updates	\$ 340.00	\$ -
Food & Beverage	\$ -	N/A
Sponsor Recognition	\$ 50.00	\$ -
Phone/Fax	\$ 500.00	N/A
Email Promotion	\$ 500.00	\$ 300.00
Staff Time	\$ 3,250.00	N/A
Gloves/Masks/Hand Sanitizer	\$ 250.00	\$ 150.00
Totals	\$ 9,415.00	\$ 5,000.00

**Department of Regulatory and Economic Resources**

Environmental Resources Management

701 NW 1st Court, 6th Floor

Miami, Florida 33136-3912

T 305-372-6567 F 305-372-6407

miamidade.gov

August 24, 2023

Ms. Janet Zimmerman, Assistant Executive Director
Florida Inland Navigation District (FIND)
600 County Hwy. 707 – Unit C
Jupiter, FL 33469-3516

Via electronic mail

Re: FIND Small-Scale Derelict Vessel Removal Program Application Fiscal Year 2022-2023 – Miami-Dade County

Dear Ms. Zimmerman:

Please find the accompanying completed Small-Scale Derelict Vessel Removal Program Application submitted on behalf of Miami-Dade County through its Department of Regulatory and Economic Resources' Division of Environmental Resources Management (DERM). Miami-Dade County is applying for funding to offset the contracted costs for the removal and disposal of four (4) derelict vessels located in the District's waterways within the County. The vessels were all located in Biscayne Bay near Dinner Key within the City of Miami and ranged from approximately 1.5 to 2.5 miles of the Intracoastal Waterway. Each represented a hazard to navigation, public safety, and/or the environment.

All four vessels were removed and disposed of in August 2023 for a total contracted cost of \$23,850.00. We are requesting that FIND fund \$11,718.75, or approximately 49 percent, of these costs. The remaining \$12,131.25 in contracted costs are being paid for using funds from Miami-Dade County's Biscayne Bay Environmental Enhancement Trust Fund. Please note that the contracted costs were based on the lowest bid received from pre-qualified vendors via a competitive bidding process. Additionally, all costs related to management and oversight of the project were borne by Miami-Dade County and are not included in the contracted cost.

In addition to the required Attachments A and B of the application, enclosed are photos of each of the derelict vessels prior to and during their removal, an aerial photo map showing the vessels' locations, and a tally sheet of the contractor bids. We respectfully request consideration of this application at the next scheduled meeting of the FIND Commission.

Thank you very much for your assistance and for this funding opportunity. If you have any questions or require any additional information, please do not hesitate to contact me at (305) 372-6581 or at john.ricisak@miamidade.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "John Ricisak", with a long horizontal line extending to the right.

John Ricisak, Project Supervisor
Restoration & Enhancement Section

Attachment: FY22-23 Small-Scale Derelict Vessel Removal Grant Application

Cc: Spencer Crowley

Delivering Excellence Every Day

ATTACHMENT A
FLORIDA INLAND NAVIGATION DISTRICT
SMALL-SCALE DERELICT VESSEL REMOVAL PROGRAM APPLICATION

Applicant: Miami-Dade County through the Department of Regulatory & Economic Resources - Division of Environmental Resources Management (DERM)

Project Title: Phase 2 - Biscayne Bay Derelict Vessel Removal & Disposal

Contact Person: John Ricisak

Title: Environmental Resources Project Supervisor

Address: 701 NW 1 Court – 5th Floor West

Miami, Florida

Zip Code: 33136

Telephone: 305-487-2612 (cell – preferred)

Fax: 305-372-6479

Email: john.ricisak@miamidade.gov

Number of Vessels and waterway locations: Four (4) vessels total, all located in Biscayne Bay within the vicinity of Dinner Key. (See attached vessel photographs and location map).

Vessel Distance from the Intracoastal Waterway: Approximately 1.5 to 2.5 miles.

Total Estimated Costs to remove all vessels: \$23,850.00

FIND Funding Requested: \$11,718.75

% of total cost: approximately 49%. (See attached Form # 01-06 listing each vessel removed and attached contractor bid tally sheet)

Amount and Source of Applicants Matching Funds: Matching funds of approximately \$12,131.25 provided from Miami-Dade County's Biscayne Bay Environmental Enhancement Trust Fund.

Other (non-FIND) Assistance applied for (name of program and amount) N/A

Have all vessels been identified by the Florida Fish & Wildlife Conservation Commission (FWC) (or other applicable marine law enforcement agency) as derelict? Yes. All vessels have been documented by the City of Miami Police Department – Marine Patrol Unit.

Have all necessary permits and or approvals been approved for the removal of the derelict vessels? N/A

If not, please explain: None required.

I hereby certify that the information provided in this application is true and accurate.

SIGNATURE: 

DATE: 8/24/2023

ATTACHMENT C
Small-Scale Derelict Vessel Removal Projects Funding Policy
(Rule 66B-2.015)

Proposals shall be accepted for financial assistance for the removal of derelict vessels within the District's waterways. The applicable provisions of this rule apply to these applications with the following additions or exceptions:

(1) Application Procedure — Applications shall be submitted on a completed FIND Form No. 05-01 (effective date 04-24-06), hereby incorporated by reference and available from the District office. Applications may be submitted to the District and considered by the Board at any time during the year.

(2) The District shall only fund applicants that have identified derelict vessels to be removed and have an outstanding bid for removal for such vessels, subject to eligibility under these program rules.

(3) The program must be sponsored by an eligible government agency or not-for profit organization.

(4) District funding shall be limited to \$75,000 per county, per year, provided on a reimbursement basis only.

(5) The eligible applicant must provide the remaining matching funds for project completion. In no case shall the District's cost-share contribution exceed 75% of the total project costs. In-house project management or administration costs are not eligible costs or matching costs.

(6) The derelict vessel must be located in, the District's waterways, as defined in subsection 66B-2.003(28) "Waterways".

(7) The District shall be recognized when possible in all written, audio or video advertising and promotions as a participating sponsor of the program.

(8) The funding provided by the District shall only be allocated for removal of derelict vessels. The District is providing program reimbursement funds only and shall be held harmless with regards to the activities initiated by the applicant.

(9) The applicant shall be responsible for all maintenance, management, disposal and operating expenses associated with the program.

(10) Funds derived from the sale of any derelict vessels or vessel parts removed through this grant program must be reinvested into the applicant's derelict vessel removal program.

(11) The District Board shall make all final decisions concerning the provision of funding for this program.

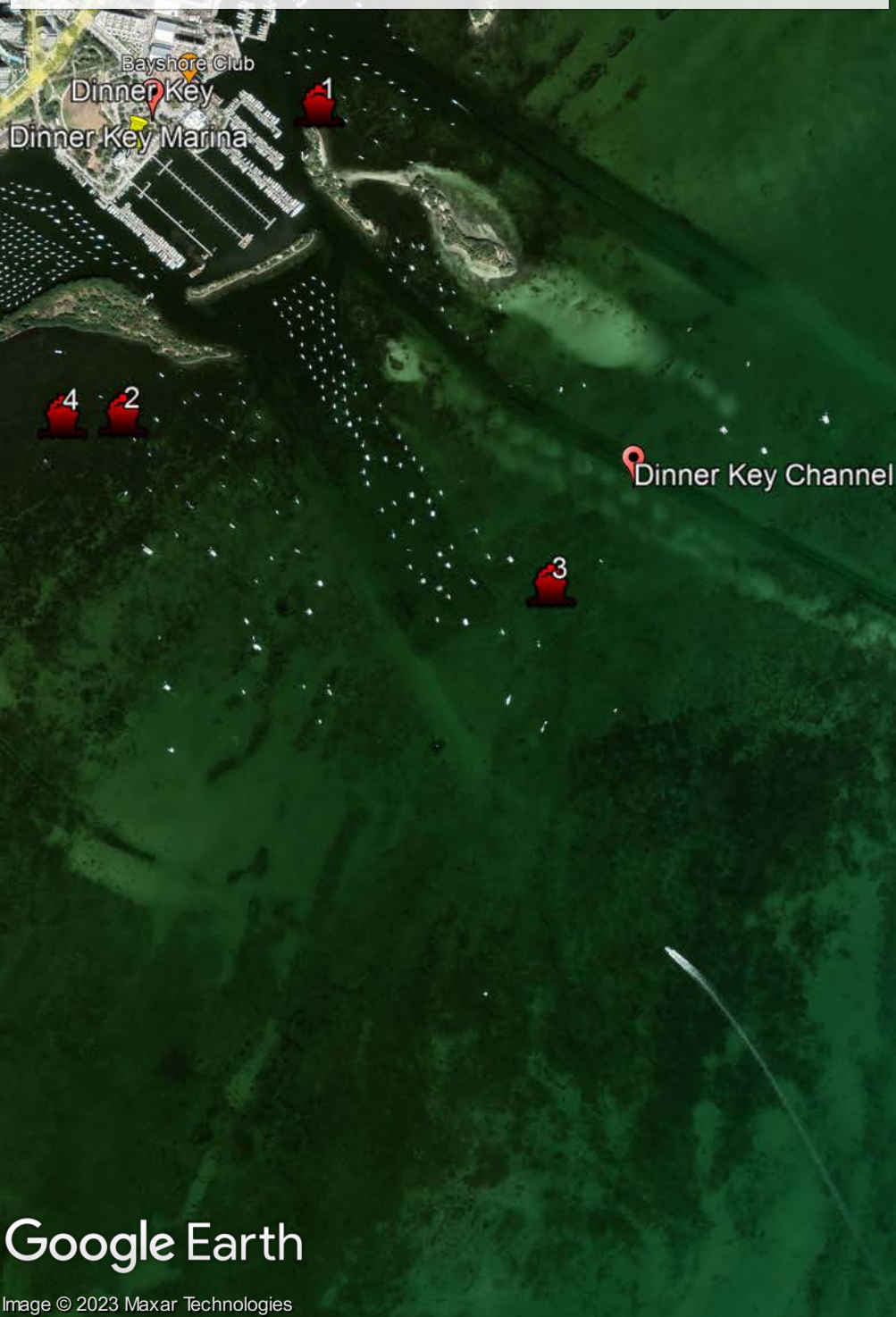
Miami-Dade CO. Derelict Vessel Removal

Derelict Vessel Locations

Legend

 ³⁹ ICW

 Vessel





Vessel 1 - CMPD230508-0032918 FL0262CA "White Cloud"





Vessel 2 - CMPD230523-0036811 FL2024BH "Brezza"





Vessel 3 - CMPD230420-0028329 "Kokopelli"





Vessel 4 - CMPD230615-0042582 No identifiers



TALLY SHEET

Solicitation Number: DINNER KEY DV'S SUMMER
 Summary Description: DERELICT VESSEL REMOVAL
 Solicitation Opening/ Closing Date: 7/11/23 - 7/17/23

Prepared by:

Verified by:

Note: When all prices are entered, highlight low priced vendor in yellow (and if applicable, green for secondary, blue for tertiary)

Vendor Name:

Is the bid responsive (if no, state reason below):

Indicate DBD certification:

Registered vendor (yes/ no):

Incumbent vendor (yes/no):

Locally Headquartered

Local Vendor (yes/no, if yes, indicate county):

Items being procured per current solicitation			BISCAYNE TOWING		KEARNS CONSTRUCTION		FAST RESPONSE			
Item no.	Description	Quantity	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	CMPD230508-0032918, 24FT, FIBERGLASS	1	\$ 5,400.00	\$ 5,400.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00		
2	CMPD230523-0036811, 22FT, FIBERGLASS	1	\$ 4,950.00	\$ 4,950.00	\$ 6,000.00	\$ 6,000.00	\$ 6,800.00	\$ 6,800.00		
3	CMPD230420-0028329, 38FT, FIBERGLASS	1	\$ 8,550.00	\$ 8,550.00	\$ 11,000.00	\$ 11,000.00	\$ 15,500.00	\$ 15,500.00		
4	CMPD230504-0031897, 26FT, FIBERGLASS	1	\$ 5,850.00	\$ 5,850.00	\$ 7,000.00	\$ 7,000.00	\$ 7,500.00	\$ 7,500.00		
5	CMPD230615-0042582, 22FT, FIBERGLASS	1	\$ 4,950.00	\$ 4,950.00	\$ 6,000.00	\$ 6,000.00	\$ 7,000.00	\$ 7,000.00		
Subtotal				\$ 29,700.00		\$ 37,000.00		\$ 43,800.00		
Evaluation adjustment 10% local preference				\$ 26,730.00		\$ 33,300.00		\$ 39,420.00		
Evaluation adjustment 5% locally headquartered				\$ 25,245.00		\$ 31,450.00				
SBE adjustment 10%										
Total evaluated price:				\$ 25,245.00		\$ 31,450.00		\$ 39,420.00		

Optional Items (not included in evaluated price)

Identify Non-responsive vendors and reason:

RFQ SENT TO ALL THE VENDORS ON THE DV REMOVAL CONTRACT, 3 RESPONDED WITH BIDS, ALL LOCAL,

2 WERE ALSO LOCALLY HQ

-

-

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Finance and Budget Committee Meeting

8:45 a.m., Saturday, June 17, 2023

**Courtyard by Marriott Cocoa Beach Cape Canaveral
3435 North Atlantic Avenue, (A1A)
Cocoa Beach, (Brevard County) FL 32931**

ITEM 1. Call to Order.

Commissioner Boehning called the meeting to order at 8:45 a.m.

ITEM 2. Roll Call.

Assistant Executive Director Janet Zimmerman called the roll and Commissioners Boehning, Davenport, Gernert, and Blow were present. Ms. Zimmerman stated that a quorum was present. Commissioner Sansom arrived at 8:50 a.m. Also in attendance were Executive Director Mark Crosley and Attorney Peter Breton.

ITEM 3. Additions or Deletions.

There were no additions or deletions to the agenda. Commissioner Blow motioned to approve the agenda as presented. Commissioner Davenport seconded the motion. All were in favor and the motion passed unanimously.

ITEM 4. Public Comments.

A letter from Mr. Gerald Ward of Key West was summarized and entered into the record.

Commissioner Gernert stated this is not an issue for FIND to get involved in and it would be best for the FEC and Coast Guard to come to the best conclusion for all parties.

Commissioner Blow suggested that the issue be discussed at the full Board meeting to come to an official agreement on FIND's position.

ITEM 5. Financial Statements for April 2023.

Mr. Crosley presented the District's April 2023 financial statements beginning on page 3 of the agenda. He referred to the additional page that was distributed. The Board discussed at the previous meeting the possibility of breaking the TD Bank CD that does not mature until November to get a higher interest rate. He noted that the left hand column

has the current rate of .58%. If the CD breaks early there will be a penalty of \$35k but will see a net benefit of \$83k and the rate would rise to 4% in the new account.

Commissioner Sansom motioned to approve the TD Bank account changes. Commissioner Blow seconded the motion. All were in favor and the motion passed unanimously.

Commissioner Blow motioned to approve the financial statements to the full Board. Commissioner Davenport seconded the motion. All were in favor and the motion passed unanimously.

ITEM 6. April 2023 Budget Summary and Project Status Expenditure Reports.

Mr. Crosley presented the April 2023 Budget Summary and Project Status Expenditure Reports. He noted on page 19, DMMA BV-4B construction is underway.

Commissioner Sansom suggested that DMMA BV-52 needs outside maintenance.

ITEM 7. Delegation of Authority Report.

Mr. Crosley presented the Executive Director's Delegation of Authority Report.

Mr. Crosley noted that Cavache moved dirt at the temporary office at a good price and there are additional costs with fixing the temporary office up.

Commissioner Blow asked about the remodeling timeframe. Mr. Crosley estimated a year timeframe and stated staff is just beginning to look for bids.

ITEM 8. Additional Agenda Items or Staff Comments.

There were no additional agenda items or staff comments.

ITEM 9. Additional Commissioners Comments.

There were no additional Commissioner comments.

ITEM 10. Adjournment.

Commissioner Boehning stated that hearing no further business the meeting was adjourned at 9:04 a.m.

Stephen Boehning, Acting Committee Chair

Attest: Spencer Crowley, Secretary

(SEAL)

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Board of Commissioners Meeting

9:00 AM, Friday June 17, 2022

**Hilton Garden Inn Cocoa Beach Oceanfront
2080 North Atlantic Avenue (S.R. A1A)
Cocoa Beach, FL 32931**

ITEM 1. Call to Order.

Chair Crowley called the meeting to order at 9:00 a.m.

ITEM 2. Pledge of Allegiance.

Commissioner Sansom led the Pledge of Allegiance to the Flag of the United States of America.

ITEM 3. Roll Call.

Secretary Davenport called the roll and Chair Crowley and Commissioners Boehning, Blow, Cuzzo, Isiminger, Sansom, Stapleford, and Williams were present. Vice Chair Gernert arrived at 11:44 a.m. and Commissioner O'Steen was absent. Secretary Davenport stated a quorum was present. Also in attendance were Executive Director Mark Crosley, Assistant Executive Director Janet Zimmerman, and Attorney Peter Breton.

The following visitors were present: Mr. Chris Kelley; Mr. Peter DeWitt, Bureau of Land Management; Ms. Lillian Blondet, City of Miami; Mr. Andrew Frey, Director of Real Estate, City of Miami; Director Hector Badia, City of Miami; Ms. Allison Novack and Collette Satchell, City of Miami Beach; Mr. Guillermo Olmedillo, Indian Creek Village; Chief John Bernardo, Indian Creek Village; Mr. Chris Miranda and Ms. Lisa Kealy, Miami Shores Village; Ms. Grace Frawley, Ms. Dorothy Mills-Myers, and Ms. Kathy Haley, Miami-Dade County; Commander Scott Vedder, Flagler County Sheriff's Office; Mr. Eric Gebo, City of Palm Coast; Mr. Nathan Otter, St. Johns County; Mr. Brad Keen, City of Port St. Lucie; Sgt. Nate Evans and Deputy Sheriff Darrel Murphy, St. Lucie County Sheriff's Office; Mr. Jonathon Luscomb, City of Fort Lauderdale; Officer Diana Rose and Sgt. Travis O'Neal, City of Fort Lauderdale; Commander Chris Oh, City of Lighthouse Point; Mr. Albert Carbon, City of Oakland Park; Mr. John Fiore, City of Wilton Manors; Mr. Chris Creed, Hillsboro Inlet District; Ms. Lisa Frazier, City of Sebastian; Captain William Luther and Deputy Ron Anderson, Indian River County Sheriff's Office; Ms.

Wendy Swindell and Ms. Barbara Ford, Indian River County; Mr. Erin Tierney, City of Boca Raton; Mr. Hugh Bruder, City of Boynton Beach; Ms. Leah Rockwell, City of West Palm Beach; Ms. Jean Matthews, Palm Beach County; Ms. Jessica Garland, Martin County; and Mr. Brian Burket, City of Jacksonville.

ITEM 4. Consent Agenda.

Commissioner Williams motioned to approve the consent agenda. Commissioner Blow seconded the motion. All were in favor and the motion passed unanimously.

ITEM 5. Additions or Deletions.

There were no additions or deletions to the agenda. Commissioner Davenport motioned to approve the agenda as presented. Commissioner Boehning seconded the motion. All were in favor and the motion passed unanimously.

ITEM 6. Public Comments.

There were no public comments.

ITEM 7. Board Meeting Minutes.

The minutes of the May meeting will be presented for review and approval at the next Commissioner's Board meeting.

ITEM 8. Staff Report on Brevard County Area Projects.

Mr. Crosley reviewed the Brevard County project status updates to the Board beginning on page 51 of the agenda.

Commissioner Blow suggested that the map be updated on page 62 of DMMA BV-24a.

ITEM 9. Presentation of Waterways Assistance Program Applications

Chair Crowley welcomed Mr. Chris Kelley to FIND.

Ms. Zimmerman referenced the Waterways Assistance projects scoring sheet and stated that each application has a highest available score listed for that project, and for a project to remain eligible for funding, it must obtain an averaged total score of 35 or above. She noted that the minimum score any project can receive is ten (10).

Ms. Zimmerman outlined the presentation schedule and stated that each applicant will be allowed five (5) minutes for their presentation, followed by five minutes (5) of Commissioner questions and discussion.

Presentation of Cooperative Assistance Program Applications (Items 9.01 - 9.02)

ITEM 9.01. Bureau of Land Management Jupiter Inlet Lighthouse ONA Shoreline Stabilization Part 1.

Mr. Peter DeWitt presented on behalf of the Bureau of Land Management.

The Jupiter Inlet Lighthouse Outstanding Natural Area (ONA) Shoreline Stabilization and Restoration project seeks to use engineered and living shoreline components to halt erosion and sediment transport into the Intracoastal Waterway and Jupiter Inlet along an approximate 1-mile stretch of the Loxahatchee River and Indian River Lagoon.

Commissioner Cuzzo noted there was public outcry in 2010 and asked if the BLM had accomplished a balance between use of the land and the need to preserve it. Mr. DeWitt stated that the 2010 design excluded most recreational uses and did not meet the intent of legislation. This design found a balance, went through a public process, and secured non-resistance.

Commissioner Isiminger noted that BLM did a good job of listening to public input and asked Ms. Zimmerman if the Marine Industries Association supported the project. She noted that they submitted comments and BLM adjusted the plans and accepted some of their recommendations. Commissioner Isiminger stated he supports this project and suggested to the BLM to encourage a way to get more boat access.

Commissioner Crowley suggested mooring balls to make up for lack of access.

Commissioner Blow asked if this grant is submitted, will funding be used only for sidewalks and the retaining wall? Mr. DeWitt said yes.

Presentation of Waterway Assistance Program Application

ITEM 10.01. Miami Police Marine Vessel, City of Miami.

Ms. Lillian Blondet presented on behalf of the City of Miami.

The Marine Patrol Unit (MPU) has 12 officers, 2 Sergeants, and 1 Lieutenant who are responsible for ensuring the safety of all residents and visitors in City of Miami jurisdictional waters, including segments of the Intracoastal Waterway (ICW). MPU also enforces laws that protect the waterways, marine life and the surrounding environment.

Chair Crowley noted that FIND is always trying to implement responsible use of the waterways and that the need to rely on law enforcement to maintain peace and order is an important mission.

ITEM 10.02. Miami Marine Stadium Mooring Field Phase I, City of Miami.

Mr. Andrew Frey, Director of Real Estate, presented on behalf of the City of Miami.

The City of Miami submits a design and permitting application for the mooring fields at the Miami Marine Stadium Marina. The scope of works includes the design, engineering, environmental studies, surveys, permitting and related services necessary to complete the design and permitting for this facility.

Chair Crowley noted that this is one of the most important projects in the County to bring law and order to this area and that giving the local government tools to make sure the area is used responsibly is needed. He noted there are groups in the community trying to close off boating activity in this basin, so City cooperation is important.

Commissioner Sansom asked if the money for the mooring field is in the revenue fund? Mr. Frey said yes, they keep separate sets of books for the marina and the mooring field to track.

Commissioner Isiminger noted that he liked the methodology of keeping the mooring field flexible to move/remove/replace them as needed.

ITEM 10.03. Morningside Park Phase II Part 1, City of Miami.

Director Hector Badia presented on behalf of the City of Miami.

The City of Miami needs to improve the conditions at one of its most vibrant community parks, Morningside Park. FIND funding requested in this application will be used for Part 1, Phase 2 construction activities at Morningside Park. The work completed in this project sets the foundation for the work in the final stage of construction- Part 2.

Commissioner Isiminger suggested including the same number of lanes with more separation between them to avoid issues.

Chair Crowley noted that he received a letter of support from the community for this project. The letter was accompanied by a resolution of the neighborhood association that expresses support for the project.

Commissioner Williams asked what the elevation is of the park bulkhead. Mr. Badio replied there is a small portion of living shoreline now and an additional 6.5 ft. elevation protects from storm surge and sea level rising.

Commissioner Sansom asked how many parking spaces there are. Mr. Badia said there are currently 5 vehicle and 5 trailer spaces, and the new plan will include 16 trailer spaces.

Commissioner Boehning asked about commercial access and how that should be addressed by the Board.

Chair Crowley noted that commercial access should be number one on FIND's issue policy list to foster relationships with marine contractors and for other commercial uses.

Commissioner Stapleford asked if there was any pushback from the community against this? Chair Crowley noted some members would like the location of the upper-level wall closer to the waterway.

ITEM 10.04. Virginia Key Boat Ramp and Trailer Parking Phase II, City of Miami.

Mr. Andrew Frey presented on behalf of the City of Miami.

The City of Miami seeks funding in the amount of \$1,261,200 for construction of a boat launch and trailer parking area in Virginia Key.

Chair Crowley noted that this is the most important Miami-Dade project this year and the City spent years to get to this point. He thanked the City for moving it forward. He also noted that FIND previously funded this project and it expired due to opposition from community groups.

Commissioner Davenport noted this is one of the primary issues the Board should support. Commissioners Davenport and Blow both supported the funding of this project.

Former State Representative Scott Plakon addressed the Board, noted he just became a first-time boat owner, and thanked the Board.

ITEM 10.05. Miami Derelict Vessel Removal, City of Miami.

Ms. Lillian Blondet presented on behalf of the City of Miami.

This project will remove approximately 9 derelict, abandoned and/or sunken vessels from City of Miami waterways along and adjacent to Atlantic Intracoastal

Waterway (AICW), utilizing a licensed, insured, and qualified marine contractor hired through a bid process.

Commissioner Davenport asked what happens if the bids come in more expensive than estimated. Ms. Blondet stated the City may contribute funds, and may find another funding source as well, and that the City planned for that in the estimate.

The Board discussed FWC's DV removal program.

ITEM 10.06. Marine Patrol Dock Improvements Phase I, City of Miami Beach.

Ms. Allison Novack and Collette Satchell presented on behalf of the City of Miami Beach.

The City of Miami Beach is requesting funds for the design and engineering phase of a project to improve an existing dock located in Maurice Gibb Park, 1700 Purdy Avenue, that currently serves the City's Police Marine Patrol Unit.

Commissioner Isiminger noted that this is a great project, but hopes the engineering can be done for a lot less than the estimate.

Chair Crowley stated that there is a project underway being funded by FIND and noted that there was community concern about construction activity and staging and closures of the ramp. He suggested conveying to the City to limit any closures or restrictions. Ms. Satchell noted that the boat ramp is located away from the construction area, and that there would be minor closures with access to the floating docks, but the boat ramp is not expected to be impacted.

Commissioner Isiminger stated that he supports the project but not the amount. Ms. Satchell noted that their experience with the site suggests that every permit takes two years. The design included consultant efforts for negotiation of the permits.

Commissioner Boehning stated that the estimate might not accurately show the various levels of tasks and suggested it be broken out differently. Chair Crowley suggested that the City break down the costs and provide more specificity.

Chair Crowley called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 10:45 a.m.

Chair Crowley reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 10:55 a.m.

ITEM 10.07. Indian Creek Village Seawall, Indian Creek Village.

Mr. Guillermo Olmedillo, Village Manager, presented on behalf of Indian Creek Village.

The seawall is a critical asset to the Village and the community, as this wall is what connects the two floating docks to the mainland; the docks are used by the Village's Public Safety unit as well as other police departments to dock marine patrol vessels used to patrol the ICW. Without this strengthened seawall the area is unsafe to pedestrians walking by and enjoying a view of the waterway, and it can lead to injury of both people and property.

Chair Crowley noted that this is a small community but important, and they have never used FIND funds but contribute a lot of tax funds. He is happy for FIND to provide the opportunity to participate in the program.

ITEM 10.08. ICV Marine Patrol Boat Engine Replacements, Indian Creek Village.

Chief John Bernardo presented on behalf of Indian Creek Village.

The project being submitted as part of this application is for the replacement of two engines on the Village's Metal Shark patrol vessel. The Village will purchase two new Yamaha 300hp engines with awarded grant funds. The goal would be to purchase the engines at the end of the 2023 calendar year and install them by the beginning of 2024.

Commissioner Davenport stated he was very supportive of this project. He also suggested putting all the police vessel applications in the beginning and voting all together for better efficiency.

Commissioner Blow asked how old the Metal Shark is? Chief Bernardo noted that this one is four years old, another is eight, and the backup is 20 years old.

Commissioner Isiminger asked if they have other interlocal agreements with other communities they patrol. Chief Bernardo stated yes, they have MOUs.

ITEM. 10.09 Miami Shores Village Bayfront Park Phase I, Miami Shores Village.

Mr. Chris Miranda and Ms. Lisa Kealy presented on behalf of Miami Shores Village.

Miami Shores Village is requesting \$125,000 in matching funds for the design and permitting of the Miami Shores Village Bayfront Park project. Bayfront Park is the only existing waterfront park within the Village and needs complete restoration.

Commissioner Isiminger suggested the steps in the water were not a good idea because they are too hard to keep from getting slick or barnacles.

Commissioner Davenport asked if floating docks could be added. Mr. Miranda noted that the project is in the early stages, and they are open to anything.

Chair Crowley gave a brief recap of the history of the project to the Board. He noted that the Commissioners have been clear to the Village that they don't dispute the need for the project. The seawall needs to be rebuilt. If the Village is using FIND funds, they need to provide public access to the water.

Commissioner Sansom suggested utilizing the wall for better use by the public.

ITEM 10.10. Bill Bird Marina Boat Ramp Restroom Phase I, Miami-Dade County.

Ms. Grace Frawley, Ms. Dorothy Mills-Myers, and Ms. Kathy Haley presented on behalf of Miami-Dade County.

Bill Bird Marina is cited as the busiest marina in Miami-Dade County and features 12 boat ramp lanes. Presently, there are no permanent restroom facilities near the boat ramp, lessening the recreational experience of marina patrons. The proposed project will result in a 900 sq ft ADA-compliant restroom facility that will connect to the boat ramp via a walkway.

Chair Crowley noted this is an important boat ramp for the community.

ITEM 10.11. Chapman Field Park Kayak Launch Dock Replacement Ph I, Miami-Dade County.

Ms. Grace Frawley, Ms. Dorothy Mills-Myers, and Ms. Kathy Haley presented on behalf of Miami-Dade County.

The replacement of Chapman Field Park's canoe and kayak launching dock will provide continued waterfront access to Biscayne Bay and the Intracoastal Waterway to residents and visitors of south Miami-Dade County. The proposed project will comprise of a standard 16 x 30 ft floating dock and a floating concrete gangway.

Commissioner Boehning stated that this is a great project, and asked if they have considered ADA guidelines? Ms. Haley noted that they are working on ideas.

ITEM 10.12. Pelican Harbor Marina Boat Ramp Restroom Phase I, Miami-Dade County.

Ms. Grace Frawley, Ms. Dorothy Mills-Myers, and Ms. Kathy Haley presented on behalf of Miami-Dade County.

The proposed project will result in an 880 sq ft ADA-compliant restroom facility that will connect to the boat ramp via a walkway. The resulting restroom facility will enhance the accessibility of the site and provide a much-needed amenity, benefiting the recreational boaters of Miami-Dade County.

Commissioner Blow stated that he can understand the design being expensive as there is no current infrastructure on that side, and suggested that there was a need for the restrooms.

Commissioner Williams suggested including in a period of time to maintain this facility and stated that there needs to be a discussion on long-term and day-to-day maintenance.

ITEM 10.13 Marine LE Search and Rescue Vessel, Flagler County.

Commander Scott Vedder presented on behalf of Flagler County Sheriff's Office.

The Flagler County Sheriff's Office is requesting financial assistance to acquire a new vessel that would enhance public safety along the Intracoastal Waterway, saltwater canal systems and natural canals along the marsh areas within the county. The vessel would be used by the Sheriff's Office for marine emergency services, search and rescue, law enforcement, waterway safety and education along the 18 miles of Intracoastal Waterway and connecting waterways.

Commissioner Sansom asked where the facility was located. Commander Vedder stated that they use several docks throughout the community.

Commissioner Williams asked what vessels they currently have. Commander Vedder stated that they have two patrol vessels, and this will replace one.

Commissioner Boehning encouraged the office to look for a permanent facility.

ITEM 10.14. Waterfront Park Part 2, City of Palm Coast.

Mr. Eric Gebo presented on behalf of the City of Palm Coast.

The City of Palm Coast received FIND Grant funding for Part 1 which included a non-motorized vessel launch, kayak launch, pre-launch staging area, dredging and shoreline stabilization. The current Project consists of sitework, grading, paving and utility scopes of work associated with expansion of the parking serving the boat ramp/kayak launch and enhanced accessibility to the facility.

Commissioner Sansom asked if permitting portions of this is complicated. Ms. Zimmerman stated there were no issues with permits.

Commissioner Stapleford stated that this is an amazing project and very important for the area.

Commissioner Blow asked if there is FIND signage on site? Mr. Gebo replied there was, and they are working with the Historical Society as well.

Chair Crowley called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 12:02 p.m. Chair Crowley reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 1:03 p.m.

ITEM 10.15. Genovar Land Acquisition, St. Johns County.

Mr. Nathan Otter presented on behalf of St. Johns County.

This property is located on the San Sebastian River east of Home Depot, north of SR 312 and south of Nix Boat Yard Road. The property has deep water direct access for a public boat ramp, ample parking, and other related uses. The public boat ramp will not only provide needed recreational boaters access to the ICW, but it will also be available for commercial marine activity.

Commissioner Isiminger asked if the parcel had already been purchased. Mr. Otter replied yes, in December 2022. Commissioner Isiminger asked if there will be contractor commercial access? Mr. Otter replied yes, the design of the property is being worked on by a design team to figure out the best spot.

Commissioner Blow stated this is the most important project he has seen since being on the Board and FIND started the grant program. This project is important to the County and City, and this is once in a lifetime project. He stated he made a major point with the County that this facility needs a design for unloading dredge material and the plan moving forward is to design the facility similar to the Villano Boat Ramp.

Commissioner Williams asked what assurance FIND has that the funds will be used for waterfront access? Ms. Zimmerman stated that with acquisition of the land, there is a deed restriction the county will file for in perpetuity and also must build within 7 years.

ITEM 10.16. Port District Preserve Upland Trails, City of Port St. Lucie.

Mr. Brad Keen presented on behalf of the City of Port St. Lucie.

The development of preserve trails and a Citywide trails system is a key component of the City of Port St. Lucie's Ten-Year Parks and Recreation Master Plan. The Port District's Preserve Trail will traverse a conservation tract and have natural viewpoints within the upland trail area and of the North Fork of the St. Lucie River. These trails will also connect the 13-acre Preserve to an adjacent 10-acre recreation area of The Port District, which has a riverside boardwalk that provides access to the North Fork of the St. Lucie River, an iconic banyan tree, the Port St. Lucie Botanical Gardens, the historic Peacock House and Peacock Lodge, and newly-constructed recreational amenities.

Commissioner Cuzzo noted this is a good park, and it is amazing it never got developed privately. He stated it's a great project for the City.

ITEM 10.17. Underwater Search and Recovery Team ROV, St. Lucie County.

Sgt. Nate Evans and Deputy Sheriff Darrel Murphy presented on behalf of St. Lucie County Sheriff's Office.

This project will allow for the Underwater Search and Recovery Team to purchase a Remote Operated Vehicle (ROV) to search canals and waterways for derelict items that create waterway obstructions and safety issues for the public. The Sheriff's Office has a current Remote Operated Vehicle that has become outdated (12 years old) and is in need of replacement.

Commissioner Sansom suggested working with Derelict Vessel programs to help remove all parts of the vessels.

Commissioner Williams asked what depth the ROV can get to and how long the battery lasts. Deputy Murphy stated the ROV has 8 hours of run time, and the recharge time is 6 hours. They have a second set of batteries coming to operate nonstop, and it can go to 300 ft depth.

ITEM 10.18. Cooley's Landing Marina Renovation, City of Fort Lauderdale.

Mr. Jonathon Luscomb presented on behalf of the City of Fort Lauderdale.

The project elements consist of a complete replacement of all docks and finger piers, upgraded electric, water and pump out service as well as raising the seawall to keep up with higher tides. No work will be done on the launch ramps. The marina's configuration/layout will not change as there is no room for expansion or the use of floating docks. Composite decking is planned.

Chair Crowley stated the area is very low lying and needs TLC.

Commissioner Davenport asked if there is a waiting list for this marina? Mr. Luscomb noted they stopped taking any more customers to maintain their transient structure. He noted there are quite a few liveaboards, and they get about 10 transients a month.

Commissioner Gernert noted that this is a highly utilized neighborhood ramp that needs attention in a historic neighborhood.

Mr. Luscomb stated they charge a flat fee per ft/per day.

ITEM 10.19. Fort Lauderdale Police Outboard Motor Replacement, City of Fort Lauderdale.

Officer Diana Rose and Sgt. Travis O’Neal presented on behalf of the City of Fort Lauderdale.

This project seeks to obtain one set of outboard motors to replace old and malfunctioning engines on Boat #14 operated by the Fort Lauderdale Police Marine Unit. The Marine Unit is responsible for the public safety coverage of 165 miles of navigable waterways including the Atlantic Intracoastal Waterway, the Fort Lauderdale Beach, and an expansive network of canals.

They are replacing twin 300hp engines.

ITEM 10.20. Lighthouse Point Vessel/Hull Replacement, City of Lighthouse Point.

Commander Chris Oh presented on behalf of the City of Lighthouse Point.

The City of Lighthouse Point (PD) will meet the grants required 50% at (53.5%) match of \$86,083.20 including trade of the current hull \$22k, \$55k Foundation award, and \$9083.20 from the city’s general fund. The funding under this grant will ensure our ability to provide reliable marine law enforcement patrols and increased public safety of the ICW and its adjoining waterways in the coming years.

Commander Oh stated that this is a ribbed hull, and that the fenders on inflatables give more protection.

ITEM 10.21. Hawkins Boat Ramp, City of Oakland Park.

Mr. Albert Carbon presented on behalf of the City of Oakland Park.

The City has begun the design process to redevelop the facility to increase access, safety, and resiliency. These improvements include renovation of the following elements: Boat Ramp; Seawall/Bulkhead; Dock structures; and Kayak Launch.

Commissioner Blow asked if the City will include new FIND signage. Mr. Carbon said yes.

ITEM 10.22. Wilton Manors Vessel (Barge), City of Wilton Manors.

Mr. John Fiore presented on behalf of the City of Wilton Manors.

This project is for the purchase of a new city vessel (barge) to be used on the waterways and canals that surround and intersect the entire city.

Commissioner Blow asked if there is a design/drawing? Mr. Fiore said that there wasn't yet as funding is needed first.

ITEM 10.23. Waterway Markers Safety Buoys for North Jetty, Hillsboro Inlet District.

Mr. Chris Creed presented on behalf of the Hillsboro Inlet District.

The Hillsboro Inlet District ("District") has been granted the necessary permits to install five (5) marker buoys on the seaward side of the north jetty which comprises the Hillsboro Inlet (the "Inlet"). The marker buoys will have the words "Danger" and "Rocks" placed on the buoys with reflective tape. The purpose of the marker buoys is to inform boaters of the rocks in that area of the Inlet adjacent to the North Jetty Weir at the Inlet.

Commissioner Davenport asked why the Coast Guard or USACE aren't replacing the signs. Mr. Creed noted that no entity is taking responsibility and HID wants to step up.

Chair Crowley suggested closing the gap with rock. Mr. Creed stated that the hole in the rock facilitates the sand transport.

Commissioner Boehning stated he appreciates the weir design but does not see this as a FIND project. Ms. Zimmerman noted that it is eligible for funding because the District will fund new work in the inlets to foster navigation.

Commissioner Blow stated that the buoys will require a lot of maintenance, and suggested using pilings just adjacent to the breakwater with signs or reflectors.

Commissioner Sansom stated that this should be the responsibility of the taxing district.

Commissioner Gernert noted that the responsibility should fall to other entities and not FIND.

ITEM 10.24. North County Marine Law Enforcement Facility Dock, City of Sebastian.

Ms. Lisa Frazier presented on behalf of the City of Sebastian.

Currently the City maintains a 26-slip docking facility, Twin Piers, which is available for temporary mooring of vessels. The City proposes to modify the eastern 6 slips to accommodate the marine law enforcement vessels. Minor changes to the existing Submerged Land Lease will be pursued with the FDEP. At this time, the IRC Sherriff's Office, FWC, and the Sebastian Marine Patrol are supportive and grateful for this opportunity to provide this important service to the public from an accessible facility.

Commissioner Williams asked if the boats will be in the water or on a lift? Ms. Frazier stated they all have their own lifts, and the City is installing lift stations.

Commissioner Boehning stated this is a great multi-jurisdictional project.

Commissioner Blow suggested using aluminum and stainless steel on the lifts.

ITEM 10.25. Working Waterfront Extension Phase I, City of Sebastian.

Ms. Lisa Frazier presented on behalf of the City of Sebastian.

The FIND grant will provide the opportunity to expand the docks and slips necessary to accommodate the ever-expanding need for more slip space for the commercial fisherman and existing clam and oyster aquaculture farms. The grant funding will provide assistance for Phase I of the project which consists of all permitting and design, including the submerged land lease extension and bid documents.

Commissioner Sansom thanked the City for working with Senator Mayfield.

Commissioner Blow asked if the project scores high, would it help with state legislative requests? Ms. Frazier replied yes, projects are always funded better if there is a local match.

ITEM 10.26. IRC Sheriff's Office Vessel, Indian River County.

Captain William Luther and Deputy Ron Anderson presented on behalf of Indian River County Sheriff's Office.

This project is to improve and maintain safety within the ICW of Indian River County and reduce response times to emergency calls in the Indian River Lagoon.

Commissioner Isiminger asked what kind of engines they currently use. Captain Luther stated they are 2017 200hp Verados and they are looking at 225hp Mercurys. They are also looking at a new electronics package and repainting the vessel.

Chair Crowley noted FIND's mission is to provide public access to water and promote responsible use of the waterway. He stated that law enforcement is such a critical part of management of the waterway and FIND is fortunate to have partnerships with law enforcement.

ITEM 10.27. Environmental Learning Center Dock Replacement Part 2, Indian River County.

Ms. Wendy Swindell and Ms. Barb Ford presented on behalf of Indian River County.

The Environmental Learning Center is requesting additional funding to augment the 2021 approved FIND grant agreement (project no. IR-21-71) to replace the 30-year old, FIND-funded public dock with a new public environmental education dock in the same location, footprint, and configuration.

Commissioner Blow stated that this is an impressive facility and asked if the center has any displays to address the history, creation, and maintenance of the IWW. Ms. Ford noted that they do talk about the IWW on pontoon tours, and it would be a great addition to campus.

Commissioner Williams asked if the dock is currently insured and if it will be for the period of grant? Ms. Ford replied yes to both.

Chair Crowley called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 3:25 p.m. Chair Crowley reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 3:36 p.m.

ITEM 10.28. Spanish River Dock Rehabilitation, City of Boca Raton.

Mr. Erin Tierney presented on behalf of the City of Boca Raton.

The City of Boca Raton Police Department has recently purchased new boat lifts; however, the existing dock and pilings will need repairs to ensure that they can withstand the increased weight of the new lifts.

Commissioner Sansom asked if FWC is expected to contribute this year. Mr. Tierney replied not that he was aware, but he would reach out to see if they would like to cooperate.

Commissioner Isiminger stated that this is a necessary project that he supports because there are not enough slips to go around.

ITEM 10.29. Boynton Beach Fire and Police Dock and Lift Phase II, City of Boynton Beach.

Mr. Hugh Bruder presented on behalf of the City of Boynton Beach.

The project consists of installing a private dock and boat lifts for Boynton Beach Fire and Police departments at Harvey Oyer Park to bolster its boating safety efforts.

Commissioner Isiminger stated that it was a great presentation and that this is a great location for this project, and stated that he supports this project.

ITEM 10.30. Brian Chappell Park Pier Replacement, City of West Palm Beach.

Ms. Leah Rockwell presented on behalf of the City of West Palm Beach.

The pier is currently closed due to safety issues and the condition of the pilings. The pier will be replaced in the same location as the existing pier. The pier will be approximately 112 linear feet (1765 square feet). The pilings will be 14" square prestressed concrete. The caps, beams and stringers will be marine pressure treated wood and the decking and rails will be IPE or comparable.

Commissioner Isiminger noted that this location is in a lower/mid-income residential area and gets a lot of use by the community. He noted that it is a great asset for the community.

Vice Chair Gernert also stated he is supportive of access to the waterway for all.

ITEM 10.31. Bert Winters Park Redevelopment Phase IIB, Palm Beach County.

Ms. Jean Matthews presented on behalf of Palm Beach County.

This project will redevelop the southern portion of Bert Winters Park with a new canoe/kayak/boat launch, expanded parking, and new family picnic shelters. The existing parking and day use dock will also be renovated as part of this project.

Commissioner Isiminger noted that these are nice boat ramps in a very popular park that get a lot of use. The park is in a slow speed zone and there are a lot of canoes and kayaks. He stated that this was a great project, and that they are a great partner on this project.

Commissioner Boehning asked if there is commercial use. Ms. Matthews noted that the County does issue permits for barges to load/unload.

Commissioner Blow asked about the impact of floating docks/platforms on the barges. Ms. Jennifer Cirillo discussed the Floating Structure Ordinance and stated that it is currently being revised. Commissioner Blow suggested making sure the ordinance isn't used to regulate the District's activity to maintain the waterway.

ITEM 10.32. Martin County 96th Street Artificial Reef Bulkhead, Martin County.

Ms. Jessica Garland presented on behalf of Martin County.

This project will provide Martin County with waterfront access for loading and unloading barges, such as those used for loading and transporting artificial reef materials. The secondary use of this bulkhead will be to provide commercial contractors with an area to load and unload equipment on the waterways that do not impact fisherman or park users at local boat ramps.

Commissioner Cuzzo noted that this is a great project and would like to see it rank with the highest score.

Commissioner Isiminger also supported this project.

ITEM 10.33. Downtown Dredging Phase I, City of Jacksonville.

Mr. Brian Burket presented on behalf of the City of Jacksonville.

The scope of this project would involve surveying the water depths at each of these public facilities and areas to determine which sites need dredging to benefit their public use. Then, the City would move forward with dredge design and permitting efforts for only the identified sites.

Commissioner Blow noted that Jacksonville is growing and redeveloping the Riverfront, and this would be a great project for the community.

ITEM 10.34. Sisters Creek Transient Facilities Phase I, City of Jacksonville.

Mr. Brian Burket presented on behalf of the City of Jacksonville.

The purpose of this project is to design/permit approximately 500 LF of new docks plus a new restroom/shower/laundry building to enhance support of transient boaters.

Commissioner Blow stated this was a great project as there has been a lot of growth in the area.

ITEM 10.35. St. Johns Marina Boardwalk, City of Jacksonville.

Mr. Brian Burket presented on behalf of the City of Jacksonville.

In 2017, Hurricane Irma effectively destroyed this 275 LF structure and is no longer safe to use. The City completed the design for replacement with a new timber boardwalk in the same footprint and applied for FEMA assistance, but the FEMA request was denied due to its age and deteriorating condition prior to the storm. The City is now seeking funding assistance from FIND to cover 50% of the cost to rebuild the boardwalk.

Commissioner Blow noted that this area is a great place to fish and is a critical ramp to this section of Jacksonville.

ITEM 10.36. Oak Harbor Boat Ramp Bulkhead Phase II, City of Jacksonville.

Mr. Brian Burket presented on behalf of the City of Jacksonville.

A Phase 1 grant was funded in 2022 for design/permitting for replacement of the bulkhead. This new request is for Phase 2 to construct the replacement of the bulkhead to ensure continued availability of this public ramp.

Commissioner Blow suggested considering precast concrete instead of sheet piling and stated that this is a critical overflow ramp for Mayport.

RECESS ITEM 10

ITEM 11. Public Comments.

There were no public comments.

Vice Chair Gernert called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 4:50 p.m.

Spencer Crowley, Chair

Attest: Buddy Davenport, Secretary

(SEAL)

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Board of Commissioners Meeting

9:00 AM, Saturday June 17, 2023

**Courtyard by Marriott Cocoa Beach Cape Canaveral
3435 North Atlantic Avenue, (A1A)
Cocoa Beach, (Brevard County) FL 32931**

ITEM 1-B. Reconvene/Call to Order.

Vice Chair Gernert reconvened the Florida Inland Navigation District Board of Commissioners meeting at 9:06 a.m.

ITEM 2-B. Pledge of Allegiance.

Commissioner Sansom led the Pledge of Allegiance to the Flag of the United States of America.

ITEM 3-B. Roll Call.

Secretary Davenport called the roll and Vice Chair Gernert and Commissioners Boehning, Blow, Cuozzo, Isiminger, Sansom, Stapleford, and Williams were present. Chair Crowley and Commissioner O'Steen were absent. Commissioner Davenport stated a quorum was present. Also in attendance were Executive Director Mark Crosley, Assistant Executive Director Janet Zimmerman, Attorney Peter Breton, and Mr. Eduardo Marin, USACE.

The following visitors were present: Mr. Connor Williams, City of Cocoa; Mr. Wayne Carragino, Mr. Ander Hanson, and Corp. Ingersal, City of Cocoa Beach; Ms. Rebecca Thibert, City of Cocoa Beach; Ms. Juliet Misconi and Mr. Greg Miner, City of Palm Bay; Mr. Shailesh Patel, City of Daytona Beach; and Mr. Chad Gibson, City of New Smyrna Beach.

ITEM 4-B. Additions or Deletions.

Ms. Zimmerman noted that score sheets were passed out and as well as additional information for Item 13 regarding HCG bids.

ITEM 12. Comments and Project Status from the U.S. Army Corps of Engineers.

Mr. Eduardo Marin, Project Manager for USACE, stated that earthwork for ponds 1, 2, and 3 at DMMA O-23 is complete, existing structures were demolished, and the

Martin County Business Park is due to be complete August 16. The weir structure will be delivered next week, and construction completion is closer to September/August.

Commissioner Blow asked if the USACE will make a video record of the complete project before they turn it back to the warehouse property owner. Mr. Marin stated that they completed a traditional pre-inspection, punch list, and documentation of items to be addressed. Commissioner Blow suggested that FIND should do it if USACE does not. Mr. Crosley stated that is a great idea based on other issues the District has experienced.

At IWW Palm Valley South, Southwind finished dredging last month, removed piping offsite, and restored portions of DMMA SJ-14, with the exception of fields that were damaged, which the county will do. 199k cy yards of material was removed.

For IWW Volusia, the County has volunteered to collect beach surveys to determine what the stockpile will look like there. A survey is needed for the real estate map that USACE generates. The Murden finished dredging with a target of 37k cy of material, but it may have been closer to 35k cy removed.

Mr. Crosley asked if it would be possible to schedule a hydrographic survey. Mr. Marin stated that he coordinated with operations to do a survey and it is a part of their scope.

Commissioner Blow asked who pays if the shoal returns. Mr. Marin noted that USACE does have a backup plan in case the County cannot get all easements needed. If real estate is not in hand by March of next year, USACE will dredge and place material north in the inlet nearshore.

Mr. Marin noted that for AIWW Sawpit, USACE is in the process of collecting the survey and there has been a delay. They were able to include shoaling that Commissioner Williams provided in survey, and they are still on schedule. Commissioner Williams asked when the dredging will happen after the survey. Mr. Marin stated that USACE has to figure out disposal of the material first, and if they can include it, they will have to modify the permit. He stated that USACE is trying to include it in an upcoming dredging event, and if not, it may be a few years.

IWW Matanzas is on track to advertise at the end of the month. Mr. Marin asked to submit dredge Work Order No. 57-2023-03 to the Board. Commissioner Blow motioned

to approve the Work Order. Commissioner Davenport seconded the Work Order. All were in favor and the motion passed unanimously.

At IWW Crossroads and Jupiter Inlet, USACE is in the process of collecting the survey, permits are in place, and they should meet the schedule on time.

Mr. Marin stated that the Draft Project Partnership Agreement for the OWW is currently under review and the Congressional notification package was submitted to SAD.

ITEM 10. (cont.) Presentation of WAP Applications (cont.) (Items 10.37-10.45)

ITEM 10.37 Cocoa Waterfront Public Docking & Breakwater Ph I, City of Cocoa.

Mr. Connor Williams presented on behalf of the City of Cocoa. He stated the City suffered damaged day slips from multiple hurricanes and is asking for funding for design, engineering, and permitting. They are also anticipating a wave analysis to engineer against future storms.

Commissioner Blow asked if there was a mooring field in this area? Mr. Williams noted that is a future amenity.

Commissioner Sansom suggested that the City explore better design and protection. He noted that FIND's emergency repair fund is on a first come first serve basis and intended to repair facilities. He asked fellow Board members to score this project as high as possible.

ITEM 10.38. Cocoa Beach Police Vessel 2023, City of Cocoa Beach.

Mr. Wayne Carragino, Mr. Ander Hanson, and Corp. Ingersal presented on behalf of the City of Cocoa Beach.

The purchase of this additional vessel will provide the Police Department with the means to continue and enhance its marine patrol program by providing enforcement within all the waterways and secondary connecting channels of its jurisdictional boundaries and assist the Fire Department in responding to incidents occurring anywhere on the waterways of the city as necessary.

Commissioner Blow asked if the boat was specifically built for law enforcement Corp. Ingersal noted it was not, but that it's easier to maintain and clean.

Commissioner Sansom suggested a softer sided boat with a bumper system or wrap around fender system.

Commissioner Boehning asked if the boat will be stored in the water or at a facility? Mr. Carragino noted the vessel will be on a lift.

Commissioner Sansom asked how often they have to tow boats in? Corp. Ingersal replied they will tow if they make an arrest, otherwise a contractor will tow.

ITEM 10.39. Public Channel Marker Replacement FY 2024, City of Cocoa Beach.

Mr. Ander Hanson presented on behalf of the City of Cocoa Beach.

This project will replace missing and damaged wooden channel marker pilings and signage in the public secondary boating channel designated as the 100 Channel. This public secondary boating channel connects public boat ramps to the ICW.

Commissioner Davenport noted that it was a great price for 57 pilings.

ITEM 10.40. Front Street Boat Ramp Dock Replacement Phase I, City of Melbourne.

Ms. Rebecca Thibert presented on behalf of the City of Melbourne.

In 2022, Hurricanes Ian and Nicole caused damage to the docks and the City had a full inspection performed. Minor repairs were made, but full reconstruction with ADA improvements to the docks is recommended as the original docks have met their useful life. High user demand and limited access to the Indian River Lagoon for recreational and commercial boaters makes this project a priority for the City of Melbourne.

Commissioner Davenport asked if they will be floating docks? Ms. Thibert replied no.

Commissioner Sansom suggested asking about flow through decking.

Commissioner Sansom noted that this is a very useful park to the city, and one of few to interact with commercial fisherman.

ITEM 10.41. Castaways Point Park South Fishing Pier, City of Palm Bay.

Ms. Juliet Misconi and Mr. Greg Miner presented on behalf of the City of Palm Bay.

The City of Palm Bay Parks & Facilities Department is requesting a grant through the Florida Inland Navigation District (FIND) 2023/2024 Water Assistance Program (WAP) funding cycle for \$100,000 as a maximum 50% cost share for improvements to the Castaways Point Park south fishing pier.

Commissioner Isiminger asked what they use for the pressure treated wood? Mr. Miner noted the city uses something similar to Thompson's water seal once a year.

Commissioner Sansom noted he appreciated this project. He stated this is a neat place and the City has made the park very beautiful and useful for the citizens.

ITEM 10.42. Fernandina Marina 2023 Dredging, City of Fernandina Beach.

Commissioner Lynn Williams presented on behalf of the City of Fernandina Beach.

This project provides for mechanical dredging from the south end marina basin and the disposal of approximately 10,666 cubic yards of material.

Commissioner Williams stated that this is a transient marina, and customers spend a good deal of money locally. The marina is always full and often double booked.

Commissioner Blow noted that the City has an advantage because they have identified a facility that will take dredged material. This marina is critical to the economic life of the City of Fernandina. The area is growing and there will be a significant increase in tax revenue.

ITEM 10.43. City Island Shoreline Enhancement Phase I, City of Daytona Beach.

Mr. Shailesh Patel presented on behalf of the City of Daytona Beach.

The City of Daytona Beach is seeking to enhance the shoreline along City Island to provide safer accessibility by replacing an old coquina wall and associated infrastructure with a new composite wall, including overlook areas for fishing and recreational users, as well as a kayak/canoe/stand-up paddle board facility.

Commissioner Davenport stated that this is a great project, and the District has supported the adjacent park improvements.

Commissioner Cuzzo asked where the current water access is located. Mr. Patel replied that there is currently no access. The ramp is currently behind the Chamber of Commerce building. This project will add a kayak launch access.

Commissioner Sansom suggested incorporating living shorelines. Mr. Patel stated that they are considering portions where the mangroves are.

Commissioner Blow inquired about parking. Mr. Patel stated it is all public parking.

ITEM 10.44. North Causeway Boat Ramp Dock & Amenity Phase II, City of New Smyrna Beach.

Mr. Chad Gibson and Mr. Shailesh Patel presented on behalf of the City of New Smyrna Beach.

The scope of work associated with this project is intended to provide safety improvements for boaters and recreational watercraft users of the Intracoastal Waterway (ICW). The scope includes converting (5) fixed finger piers into floating docks for improved access and resiliency during tidal elevation changes, FIND approved the Phase I Design and Permitting, which has been initiated by the City.

Commissioner Blow asked if permits ready to go. Mr. Patel stated they are in the process of design and securing the permits, and expect to be done by September. Commissioner Blow asked if a barge could get inside the basin? Mr. Patel said yes. Commissioner Blow also suggested looking at the Master Plan to leave an open space for future dredged material to dry out before being hauled off.

ITEM 10.45. Day Dock at Riverwalk Park Phase I, City of Port Orange.

Mr. Shailesh Patel presented on behalf of the City of Port Orange.

The intent of this Day Dock facility is to provide recreational boaters access to the City's landward park amenities.

Commissioner Davenport noted that this will be a great location and project for the community and that he highly supports the project.

Commissioner Sansom suggested that the City of Port Orange coordinate with the City of Cocoa Leisure Services Department to share their management experience.

ITEM 11-B. Public Comments.

Vice Chair Gernert asked if there were any public comments.

Mr. Shailesh Patel thanked Ms. Zimmerman for a fantastic job with the grants program, and for her responsiveness and clarity on answering questions. He noted it reflects well on the consultant as well as the communities. He noted he has worked with FIND for 24 years.

ITEM 13. Concrete Repair Proposal for SJ-14 for Dredged Material Management Area (DMMA) SJ-14, St. Johns County, FL.

Earlier this year, the District completed a project to remove and replace a section of damaged HDPE pipe from the permanent discharge pipeline system of DMMA SJ-14. The project was completed in advance of the US Army Corps of Engineers (USACE) Palm Valley South Dredging Project, which would utilize DMMA SJ-14. Due to time constraints with the USACE project, a portion of the restoration work had to be omitted in order to not delay the dredging project.

Now that the dredging has been completed, it is time to address the outstanding restoration work from the pipeline repair project. Hayward Construction Group, a reputable contractor out of Jacksonville, FL, has provided a proposal to remove and replace approximately 1,500 square feet of sidewalk, install concrete bollards around the discharge pipeline vent, and cut down the excess metal around the inflow pipeline sleeve.

Commissioner Sansom motioned to approve the concrete repair proposal in the amount of \$32,820.00. Commissioner Blow seconded the motion.

The Board discussed District easements and other entities making improvements withing FIND easements, well as who may be responsible for taking care of such issues and liability.

Commissioner Sansom suggested that Mr. Ian Eyeington could take this on as a new responsibility of his job to stay on top of what is happening on District easements. Commissioner Blow noted the best thing to do would be to build every one of the DMMAs.

All were in favor of the original motion and it passed unanimously.

ITEM 14. Finance & Budget Committee Report

Commissioner Boehning presented the Finance and Budget Committee Report to the full Board and noted there were two items to bring forward. The first is the recommendation of the Finance and Budget Committee report approval to the full Board, including breaking the TD Bank CD early. The other item was Mr. Gerald Ward's public letter to the District.

Commissioner Boehning motioned to break the TD Bank CD and approve the financial statements to the full Board. Commissioner Sansom seconded the motion. All were in favor and the motion passed unanimously.

Mr. Crosley reviewed the letter from Mr. Ward to the full Board. Commissioner Isiminger noted he had discussed the issue in person with Mr. Ward and former Chair Don Donaldson. He noted that Congressman Mast is on record stating he does not want to spend government money on this issue. He stated that he appreciates Mr. Ward's astuteness, but it is not something FIND should or is able to do.

Mr. Breton stated that FIND would have to get the railroad to agree to FIND as a cooperative agency, but the District does not have the expertise other than the narrow area of navigation.

ITEM 15. Washington D.C. Report.

Mr. Crosley reviewed the Washington D.C. report from Mr. Jim Davenport beginning on page 168 of the agenda. He discussed the Fiscal Responsibility Act and noted that additional funding had been requested by Congressmen Mast and Posey, but that request was cut.

ITEM 16. Staff Comments.

Mr. Crosley stated the next Board meeting will be in Volusia County next month, and there is no meeting in August. The meeting in September will be in Martin County.

Ms. Zimmerman stated that the score sheets need to be turned in by July 6.

ITEM 17. Commissioner Comments.

Commissioner Isiminger stated it was a good meeting and Ms. Zimmerman did a great job helping Commissioner Sansom at the Outreach.

Commissioner Davenport stated he appreciates the Board and Ms. Zimmerman, and that she represents the District well. He thanked Commissioner Sansom for the outreach and thanked the Board for the support and appreciates working with them all.

Commissioner Sansom thanked everyone for coming, and thanked Ms. Zimmerman. He stated that a neat thing about this job is that the Board does not get paid in monetary value but has the ability to help shape marine activities in Florida and their home counties.

Commissioner Williams noted he appreciated Commissioner Sansom and Ms. Zimmerman at the Outreach. He suggested having Mr. Eyeington present to the Board on the topic of modern-day dredging.

Commissioner Blow stated it was a great outreach and a great local turnout. Staff did a great job preparing for this meeting. He noted the projects were tough to score and he did not see a bad project, which reflects on staff and fellow Commissioners. He also noted that the new Chair and officers are doing a great job.

Commissioner Cuzzo thanked Commissioner Sansom for hosting.

Commissioner Stapleford stated there was amazing expertise in the room, thanked staff for putting it together and working on this meeting.

Commissioner Boehning thanked the Board for having trust in him as Treasurer. He noted there were two grand openings in his community, Oyster Bar Marsh and Jones

Pier. He stated a town hall may be possible to work with and educate his community to strategize to maximize grant opportunities. He noted in the April Board minutes, on the item on the CNNA, he clarified he would like to explore the issue more and have a bigger conversation. He noted he was disappointed there will not be a meeting in August to discuss additional items.

Commissioner Gernert stated it was a great meeting put together by staff. He thanked Commissioner Isiminger for continuing to serve as Palm Beach County's FIND Commissioner, and stated that he appreciates his commitment to FIND.

ITEM 18. Adjournment.

Chair Crowley stated that hearing no further business the meeting was adjourned at 11:59 a.m.

Spencer Crowley, Chair

Attest: Buddy Davenport, Secretary

(SEAL)



MARTIN COUNTY PROJECT STATUS UPDATE

September 2023

Dredged Material Management Plan

Phase I of the Dredged Material Management Plan (DMMP) for the 21 miles of Intracoastal Waterway in Martin County was completed in 1993. Phase II of the DMMP was also completed in 1993, and all major land acquisition was completed in 2001. The plan is currently undergoing an update. *(Please see the attached maps).*

The 50-year dredging projection for the IWW in this area is 1.4 million cy/yds, and the storage projection is 2.7 million cy/yds. Maintenance Dredging in Reach II of the Crossroads area is 85% of the projected dredging volume and occurs approximately every 3 years, including this year.

Okeechobee Waterway (OWW) Project:

The District is also the local sponsor for navigation interest for 97 miles of the Okeechobee Waterway (OWW) in Martin and Palm Beach County. Phase I of the Dredged Material Management Plan (DMMP) for the Okeechobee Waterway from the Crossroads to the St. Lucie Lock was completed in 1998. Phase I of the DMMP from the St. Lucie Lock to the western Martin County line was completed in 2007. Phase II of the DMMP from the Crossroads to the St. Lucie Lock was completed in 2001, and Phase II of the plan, from the St. Lucie Lock to the western county line, was completed in 2009. *(Please see the attached maps).*

The 50-year dredging projection for the OWW is 1.5 million cy/yds, and the storage projection is 3 million cy/yds. Note however that dredging projections for the portion of the OWW within Lake Okeechobee are highly dependent and variable in relation to maintained lake levels.

Dredged Material Management Area Development IWW:

To date, three of the seven upland Dredged Material Management Areas (DMMA O-7 and O-23, and MSA M-5) in Martin County have been fully constructed. Sites MSA-524B and MSA-504-B/E were cleared in 2010.

The other sites in Martin County are in various phases of pre-construction, environmental permitting, engineering, or design. An offloading of MSA M-5 by Lucas Marine in association with the Ft. Pierce Waterfront Protection Project was completed in 2013. Approximately 110,000 cy/yds of material was offloaded, at no expense to the District, to assist with the construction of barrier islands offshore of the Fort Pierce public marina. Some minimal damage to the existing gabion mats at MSA M-5 that occurred during the offloading was repaired by the contractor. Note that these constructed islands are now causing shoaling issues in the IWW near the marina.

In 2019/2020, a neighboring development next to MSA 504-B/E purchased a property adjacent to the District's future material management area. The neighbors initiated a favorable partial land swap with the District, first reviewed and conditionally approved by the Board in May of 2020. All due diligence on MSA 504-C was completed in 2022 and the District is initiating site design and permitting on the newly reconfigured property.

(continued)



MARTIN COUNTY PROJECT STATUS UPDATE

September 2023

OWW:

Acquisition of four Dredged Material Management Areas to serve the section of the OWW from the Crossroads to the southern Palm Beach County border was completed in 2006. DMMA O-7 was completed in 2018 by the U.S. Army Corps of Engineers (USACE) and received material from an OWW maintenance dredging event in 2020. DMMA O-23 has been under construction by the USACE and is expected to be completed by October 2023.

Acquisition of DMMA LT-4A, which serves the section of the OWW from the St. Lucie Lock to the western Martin County line, was completed in 2008. The District has in place an executed Material Removal Agreement with the neighboring farmer to accept future dried dredged material stacked on LT-4A. In March 2023, the Board approved a Work Order for Taylor Engineering to design and permit a material management transfer facility at the USACE easement known as HD-1. This site will be utilized to remove barged dredged material from OWW Route 1, and to allow materials to be transported into the Lake area for construction projects. *(Please see the attached maps).*

Waterway Dredging

Dredging of a portion of Routes 1 & 2 of the Okeechobee Waterway within Lake Okeechobee near the Port Mayaca Lock was completed in 2012. This project removed a small but critical shoal totaling approximately 6,700 cy/yds. Recent dredging of the Crossroads area (intersection of the IWW and OWW) was completed in 2010, 2013, 2016, and again in 2019 utilizing the USACE Hoper Dredge Murden. Approximately 30,000 cy/yds of beach-compatible material were placed in the St. Lucie Inlet Impoundment Basin for later removal during a County-sponsored shore protection project. This area, and the recently permitted channel widener (advance maintenance), were hopper dredged in 2018 and are scheduled for a full dredging project in late 2020. Reach IV of the OWW was dredged in 2020/21 by the USACE utilizing Cavache, Inc. as the contractor.

Waterways Economic Study

The Martin County Waterways Economic Study was completed in 2000 and updated in 2011, 2019 and in 2023. The latest economic output related to the IWW and OWW in Martin County is estimated at \$1.2 billion million per year. Boater-related spending is estimated to generate approximately \$373 million annually. The waterways are estimated to generate over 10,000 jobs in the County, and there are an estimated 9,092 registered vessels utilizing the IWW in Martin County. Property values are estimated to be increased by over \$330 million per year from the presence of the waterways in Martin County.

(Please see the attached study excerpt).

Waterways Assistance Program

Since 1986, the District has provided \$12 million in Waterways Assistance Program funding to 95 projects in the County having a total constructed value of \$64.5 million. The County, the County Sheriff's Office, the City of Stuart, the City of Port St. Lucie, and the Town of Jupiter Island have all participated in the program. *(Please see attached listing).*



MARTIN COUNTY PROJECT STATUS UPDATE

September 2023

Notable projects funded include: Manatee Pocket Dredging, Sandsprit Park, Twin Rivers Park, the Stuart Riverwalk, the PSL Riverwalk, the Southpoint Anchorage, MC-2 Bird Island Restoration, and the South County Boat Ramp.

Cooperative Assistance Program

The District's Cooperative Assistance Program has provided funding assistance for 26 state and regional agency projects with elements in Martin County: the Indian River Lagoon Spoil Island Management Program; Florida Clean Marina Program; Florida Clean Vessel Act Program; Florida Marine Patrol Officer Funding; Manatee Pocket Dredging; and Jonathan Dickinson Park Boardwalk and Canoe Launch Improvements. The District's funding assistance for the Martin County portion of these projects was approximately \$4 million.

Interlocal Agreement Program

The District's Interlocal Agreement Program has provided funding assistance to 4 projects in Martin County. These include Clean Marina and Clean Vessel Act projects as well as environmental improvements at Peck's Lake Park. The District's funding assistance for these projects was approximately \$175,000 and the projects had a constructed value of \$918,000.

Waterway Clean Up Program

The District continues to partner with both Keep Martin Beautiful and the Marine Industries Association of the Treasure Coast for numerous years to assist with their programs to remove trash and debris from Martin County's waterways. The District provides up to \$10,000 a year for this program.

Small-Scale Derelict Vessel Removal Program

Martin County regularly participates in this program with the removal of several vessels a year.

Small-Scale Spoil Island Enhancement and Restoration Program

To date, no projects have been funded yet in Martin County through this program, although restoration to MC-2 (Bird Island) in 2012 was completed through the WAP program.

Public Information Program

The District currently prints and distributes brochures with information pertaining to Martin County Waterways. Additional waterway information and useful links are available on the District's website at <http://www.aicw.org/>.





Site	M-SLI
Common Name	Hobe Sound
County/City	Martin/Unincorporated
Geographic Proximity	South of St. Lucie Inlet
Acquisition Dates	
Status	
Year Constructed	
Reach/Cuts	D-II/DA-8
Site Acres	201.79
R Monument Range	R-60 to R-64
Design Capacity (cy)	B

05001,0001,5002,0002,500

Feet

Beach Placement Site

Easement (if shown)

Reaches (if shown)

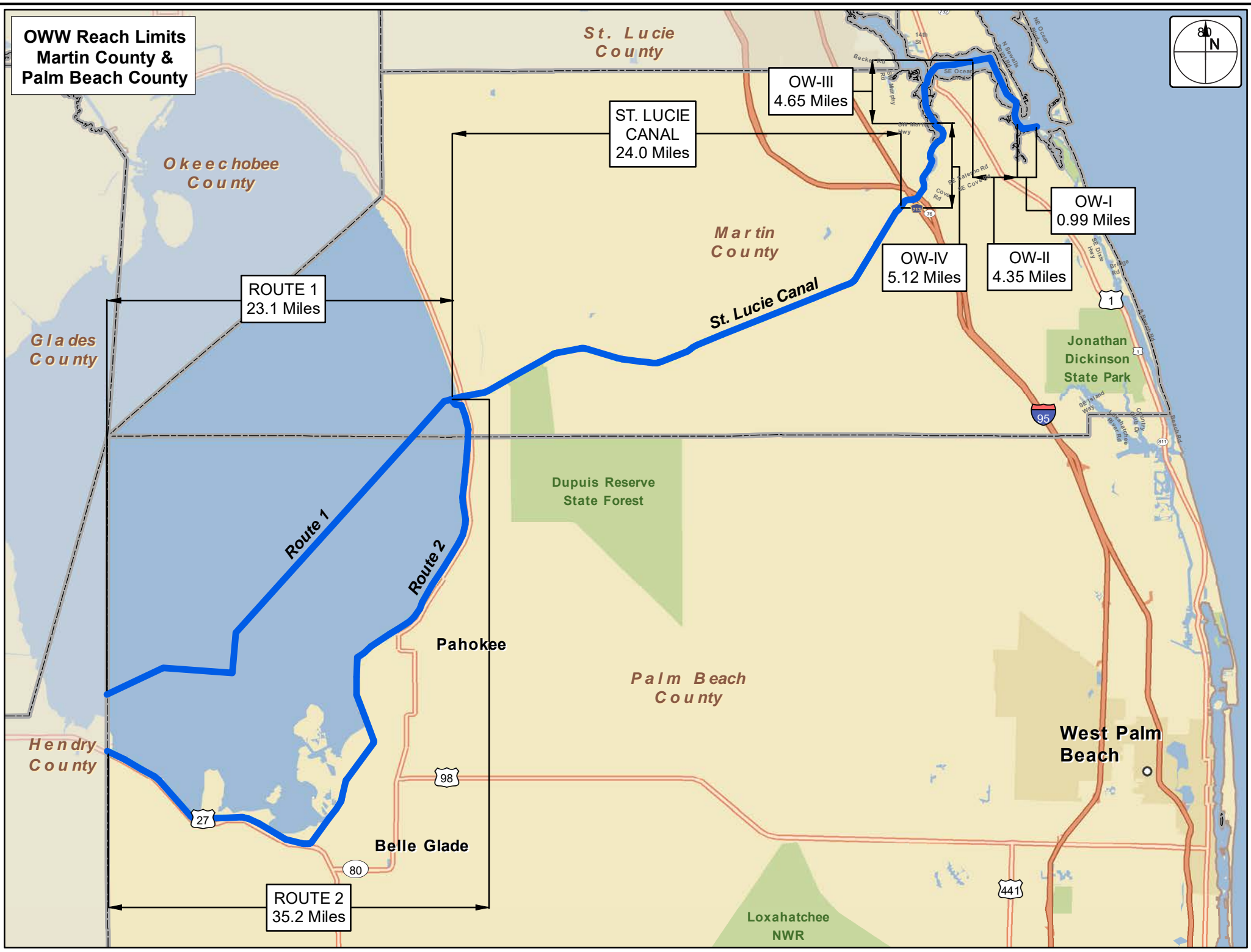
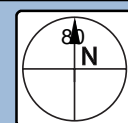
Cuts (if shown)

Range Monuments

Virtual Monuments

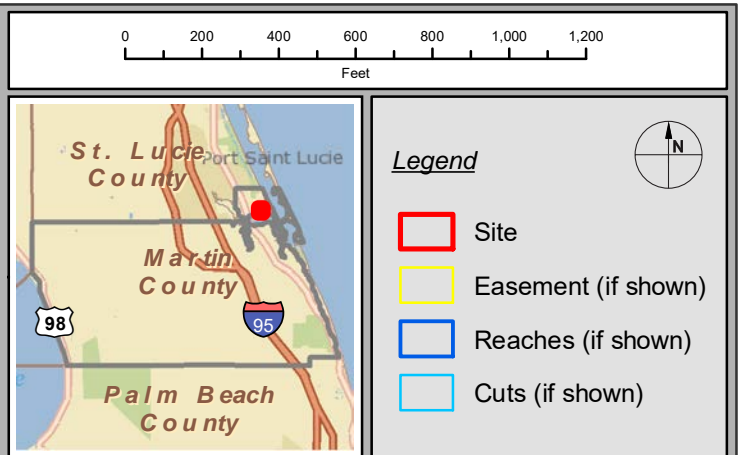
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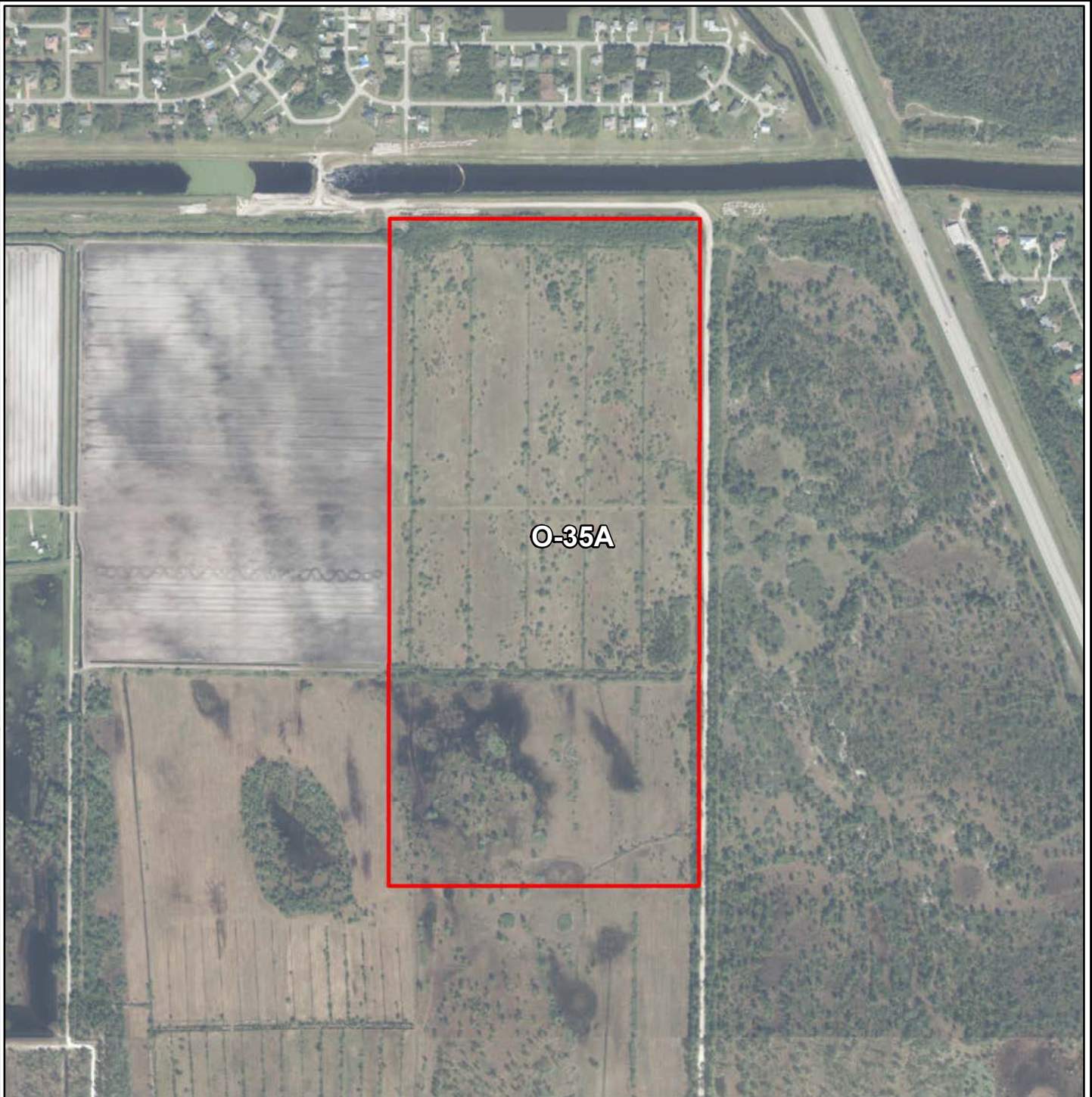
**OWW Reach Limits
Martin County &
Palm Beach County**



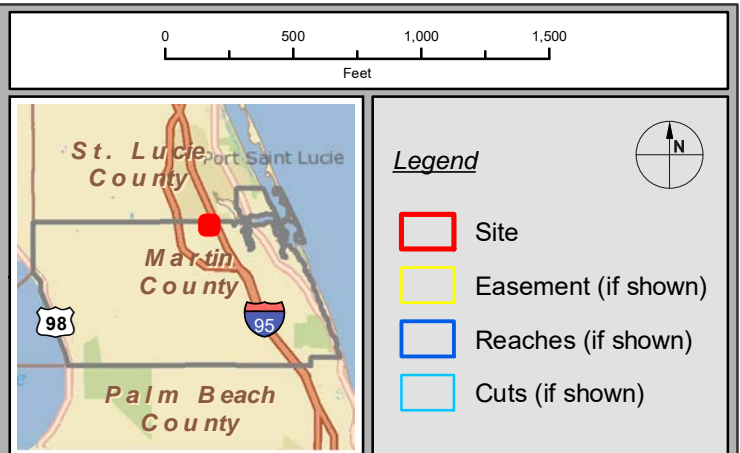


Site	O-23
Common Name	Jensen Beach Site
County/City	Martin/Unincorporated
Geographic Proximity	Off Savannah Road
Acquisition Dates	8/30/2001, 5/13/2002
Status	Permitting and Design
Year Constructed	N/A
Reach/Cuts	OWW-II / 5 to 9
Site Acres	31.2
Basin Acres	22.54
Design Capacity (cy)	247,902





Site	O-35A
Common Name	Boat Ramp Rd.
County/City	Martin/Unincorporated
Geographic Proximity	East of canal gate
Acquisition Dates	9/15/2006
Status	Property Acquired
Year Constructed	N/A
Reach/Cuts	OWW-III / 9 to 19
Site Acres	126.7
Basin Acres	63.25
Design Capacity (cy)	314,318





Site	MSA M-5
Common Name	St Lucie Inlet Site
County/City	Martin/Unincorporated
Geographic Proximity	St. Lucie Inlet
Acquisition Dates	12/23/1941
Status	Constructed
Year Constructed	1996
Reach/Cuts	ICWW-I, OWW-II / SL-6 to M-1, 1 - 4
Site Acres	18.8
Basin Acres	18.3
Design Capacity (cy)	325,500

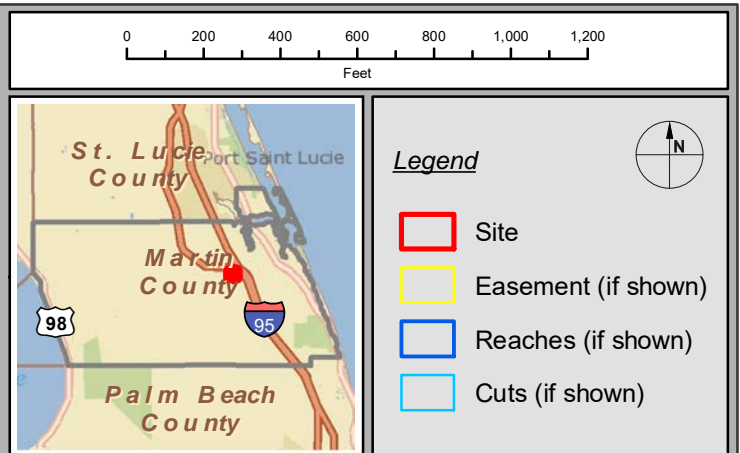
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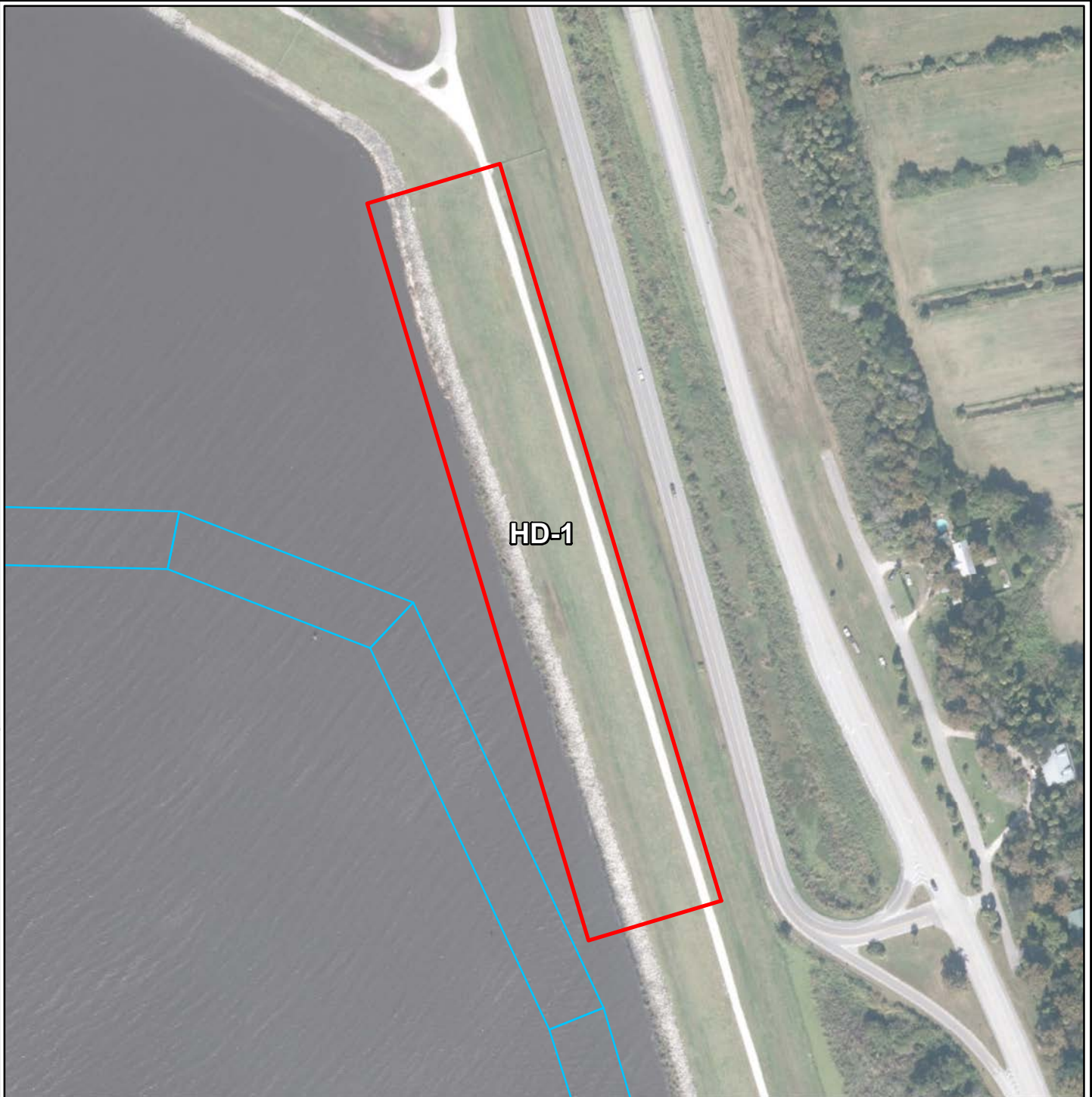
Legend

- Site
- Easement (if shown)
- Reaches (if shown)
- Cuts (if shown)

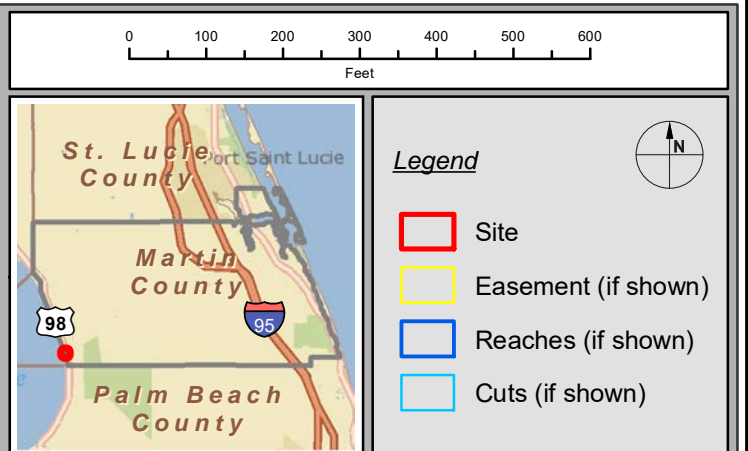


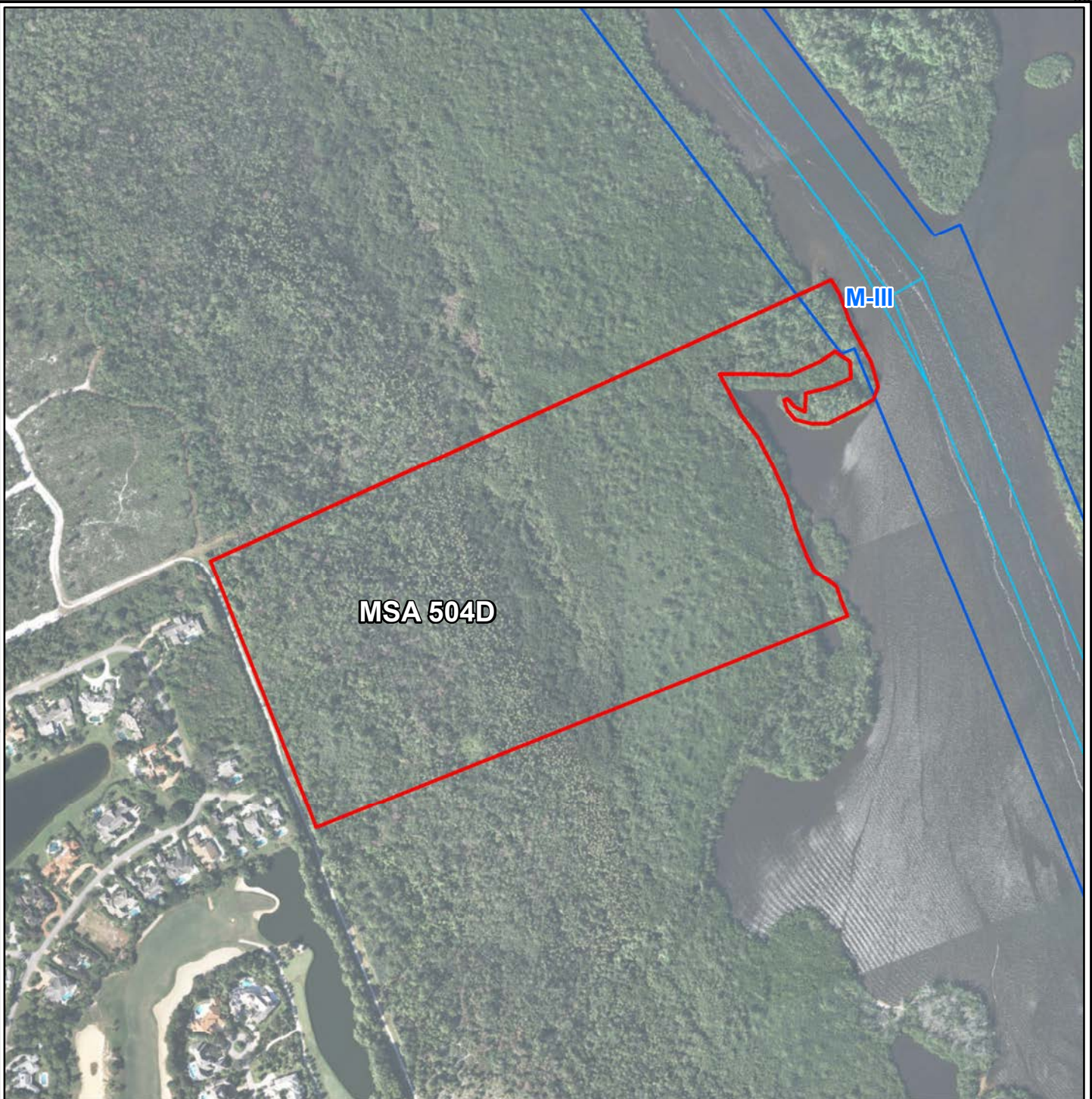
Site	O-7
Common Name	St Lucie Locks
County/City	Martin/Unincorporated
Geographic Proximity	Near St. Lucie Lock
Acquisition Dates	7/9/2002
Status	Constructed
Year Constructed	2018
Reach/Cuts	OWW-IV / 19 to AF
Site Acres	80
Basin Acres	37.64
Design Capacity (cy)	564,125



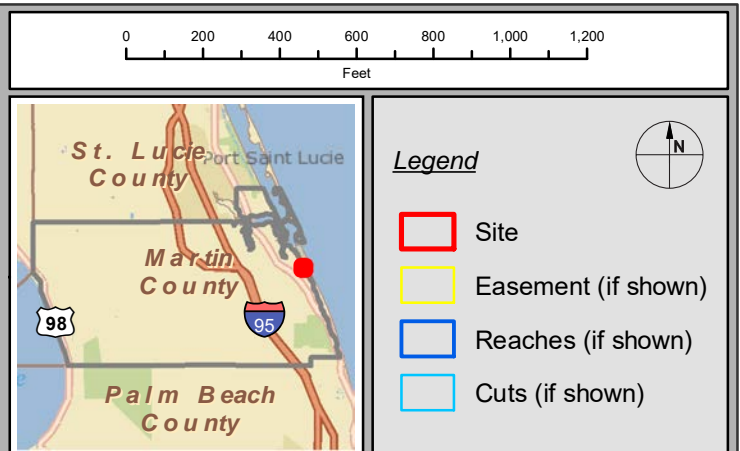


Site	HD-1
Common Name	HD-1 Barge Offloading Site
County/City	Martin/Unincorporated
Geographic Proximity	South of Port Mayaca
Acquisition Dates	N/A
Status	Preliminary Design
Year Constructed	N/A
Reach/Cuts	OWW R-1 to R-3 & RC-1 to RC-19
Site Acres	7.24
Basin Acres	Temporary offloading site
Design Capacity (cy)	Temporary offloading site



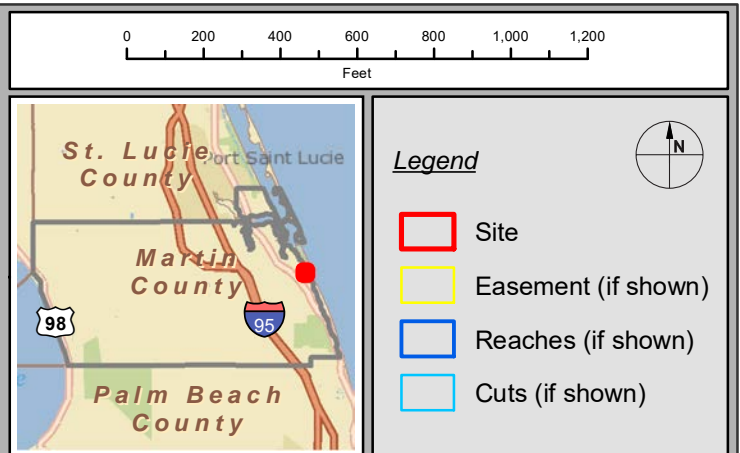


Site	MSA 504D
Common Name	Gomez Site N.
County/City	Martin/Unincorporated
Geographic Proximity	South of St. Lucie Inlet
Acquisition Dates	12/1/1984
Status	Property Acquired
Year Constructed	N/A
Reach/Cuts	M-III / M-8 to M-17
Site Acres	48.4
Basin Acres	N/A
Design Capacity (cy)	0





Site	MSA 504C
Common Name	Gomez Site S.
County/City	Martin/Unincorporated
Geographic Proximity	North of Hobe Sound
Acquisition Dates	6/15/1942, 12/28/2022
Status	Property Acquired
Year Constructed	N/A
Reach/Cuts	M-III / M-8 to M-17
Site Acres	63.56
Basin Acres	10.05
Design Capacity (cy)	86,800





Site	MSA 524B
Common Name	Tequesta/JD Park; Hobe Sound NWR
County/City	Martin/Unincorporated
Geographic Proximity	Across from Jonathan Dickinson Park
Acquisition Dates	1/3/2001
Status	Property Acquired
Year Constructed	N/A
Reach/Cuts	M-IV / M-17 to P-1
Site Acres	19.3
Basin Acres	5.3
Design Capacity (cy)	50,000

0 250 500 750
Feet

Legend

- Site
- Easement (if shown)
- Reaches (if shown)
- Cuts (if shown)



ECONOMIC BENEFITS OF THE DISTRICT WATERWAYS

89

Martin County, 2022

TOTAL ANNUAL ECONOMIC IMPACT **\$1.2B**

TOURISM SPENDING
\$477 Million

generated
annually from
222,000
visitors



BOATER SPENDING
\$357 Million

local boater spending
from Registered Vessels



**PROPERTY SALES
VALUE**

\$330 Million

portion of property
sales values
attributed to
ICW proximity



Industry has capitalized on FIND funding being made with a number of sport fishing boat manufacturers seen concentrated in Martin County, with the Okeechobee Waterway manufacturing facility recently being bought and currently being upgraded. Boating manufacturers, along with other specialty sectors generate over \$49M in economic impacts.



**Martin County's
Waterways currently
support 10,000 jobs
countywide**



FIND INVESTMENT
in the ICW of **\$15 Million**
protects annual
economic impact of
\$1.2 Billion



ANNUAL TAX BENEFITS

\$68M



**FEDERAL
TAX REVENUE**

\$55M



**STATE AND LOCAL
TAX REVENUES**



**Registered vessels
utilizing the ICW**
9,092



Pleasure boating	4,925
Fishing	3,031
Sailing & other activities	758
Watersports	379



Economic Benefits of the District Waterways, 2022



The Florida Inland Navigation District (District) is the state sponsor for Federal navigation projects along the Intracoastal Waterway (IWW) in Martin County. Over \$15 million has been invested in the past 35 years for navigation and other access projects. These investments and the Waterways itself generate significant economic impact throughout Martin County and wider region.

Economic modeling techniques were used to estimate the value created by District Waterways. To find the share of property value that is attributable solely to the proximity to the IWW, hedonic price modeling was used. Hedonic modeling shows that proximity to the Intracoastal Waterway adds value to homes within 1500m of District Waterways in Martin County. In total, the proximity to District Waterways makes up about \$5.5 Billion, or 3%, of the \$45 Billion in property values across Martin County. The IWW and its connecting navigable tributaries and canals makes up about \$330 million in annualized economic property impacts in Martin County.

Portion of Property Value Attributable to IWW Proximity

Property Type	Premium % of Sales Price		Total Waterway Amenity Value	
	ICW	OWW	ICW	OWW
Waterfront	60%	13%	\$2.59B	\$349M
Canal/river access to Waterways	27%	27%	\$116M	\$440M
Non-waterfront to 500m	20% - 25%	9% - 12%	\$1.25B	\$322M
500m - 1500m from Waterway	5% - 20%	3% - 9%	\$323M	\$112M
Total			\$5.49B	

PROJECT #	PROJECT NAME	PROJECTS SPONSOR	GRANT AMOUNT	TOTAL COST
MA-00-38	Twin Rivers Park Shoreline Stabilization	Martin County	\$299,000.00	\$626,000.00
MA-01-40	Cross Roads Regional Artificial Reef - Phase I	Martin County	\$15,000.00	\$30,000.00
MA-01-41	Indian Riverside Park - Day Use Boat Slip Construction	Martin County	\$87,500.00	\$175,000.00
MA-02-44	Sandsprit Park Addition	Martin County	\$200,000.00	\$492,000.00
MA-03-47	Cross Roads Regional River Reefs Artificial Reef	Martin County	\$25,000.00	\$50,000.00
MA-03-48	Law Enforcement Marine Unit	Martin County Sheriff's Office	\$33,050.00	\$66,100.00
MA-03-49	Twin Rivers Park Shoreline Stabilization - Phase I	Martin County	\$65,000.00	\$130,000.00
MA-04-51	Twin Rivers Park Shoreline Stabilization - Phase I I	Martin County	\$240,575.00	\$850,000.00
MA-05-53	Twin Rivers Park Shoreline Stabilization - Phase I I I	Martin County	\$300,000.00	\$650,000.00
MA-06-54	Jensen Beach Boat Ramp Park	Martin County	\$325,000.00	\$1,500,000.00
MA-06-55	Manatee Pocket Channel Dredging - Phase I	Martin County	\$165,000.00	\$220,000.00
MA-07-56	Law Enforcement Marine Unit	Martin County	\$30,000.00	\$85,000.00
MA-08-57	Leighton Park	Martin County	\$95,000.00	\$210,000.00
MA-08-58	St. Lucie Inlet North Jetty Improvements	Martin County	\$300,000.00	\$5,400,000.00
MA-09-60	Mc-2 (Bird Island) Shoreline Stabilization - Phase I	Martin County	\$75,000.00	\$150,000.00
MA-09-61	St. Lucie Inlet Maintenance	Martin County	\$339,035.00	\$6,339,035.00
MA-1	Manatee Pocket Dredging (Grant Cancelled)	Martin County	\$70,000.00	\$360,000.00
MA-10-63	Manatee Pocket Channel Dredging	Martin County	\$200,000.00	\$13,300,000.00
MA-10-64	Manatee Pocket Commercial Dock Repl.-phase I (Expired)	Martin County	\$12,000.00	\$24,000.00
MA-11-65	Mc-2 Bird Island Shoreline Stabilization - Phase I I	Martin County	\$150,000.00	\$500,000.00

PROJECT #	PROJECT NAME	PROJECTS SPONSOR	GRANT AMOUNT	TOTAL COST
MA-12-67	Jensen Beach Managed Mooring Field (Withdrawn)	Martin County	\$439,695.00	\$879,390.00
MA-13-69	St. Lucie Inlet Maintenance	Martin County	\$386,361.00	\$780,000.00
MA-14-71	St. Lucie Inlet Maintenance	Martin County	\$237,605.00	\$475,210.00
MA-15-73	Phipps Park Shoreline Stabilization & Access	Martin County	\$167,061.00	\$334,122.00
MA-15-74	Charlie Leighton Park Accessible Floating Dock	Martin County	\$60,000.00	\$120,000.00
MA-16-77	Phipps Park Shoreline	Martin County	\$350,000.00	\$700,000.00
MA-16-78	Martin County Sheriff's Marine Patrol Vessel	Martin County She	\$60,000.00	\$150,000.00
MA-17-80	Jensen Beach Managed Mooring Field	Martin County	\$250,000.00	\$500,000.00
MA-18-83	Jensen Beach Mooring Field, PH IIA	Martin County	\$275,000.00	\$550,000.00
MA-19-85	Manatee Pocket Mooring Fields	Martin County	\$200,000.00	\$400,000.00
MA-19-86	Phipps Park Shoreline Stabilization and Access	Martin County	\$250,000.00	\$500,000.00
MA-2	Willoughby Creek Dredging	Martin County	\$10,000.00	\$498,288.00
MA-20-87	Indian RiverSide Park Shoreline Stabilization & Seawall	Martin County	\$249,000.00	\$700,000.00
MA-20-88	Manatee Pocket Managed Mooring Field Part 2	Martin County	\$200,000.00	\$600,000.00
MA-21-90	Sandsprit Park Boat Ramp Renovations	Martin County	\$300,000.00	\$850,000.00
MA-22-92	Sandsprit Park Boat Ramp Renovations Part 2	Martin County	\$300,000.00	\$600,000.00
MA-3	Jensen Beach Causeway Fishing Pier	Martin County	\$38,000.00	\$76,050.00
MA-4	Pecks Lake Park - Phase I	Martin County	\$62,000.00	\$425,700.00
MA-87-5	Pecks Lake Park - Phase I I	Martin County	\$75,000.00	\$258,500.00
MA-87-6	Willoughby Creek Dredging - Phase I I	Martin County	\$23,500.00	\$465,000.00

PROJECT #	PROJECT NAME	PROJECTS SPONSOR	GRANT AMOUNT	TOTAL COST
MA-88-10	Pendarvis Cove Park Improvements	Martin County	\$90,000.00	\$227,700.00
MA-89-11	Jensen Causeway Relief Channel Dredging	Martin County	\$5,000.00	\$36,300.00
MA-91-14	Sandsprit Park - Phase I	Martin County	\$76,500.00	\$1,000,000.00
MA-91-15	Pecks Lake Park - Phase I I I (Withdrawn)	Martin County	\$135,000.00	\$867,000.00
MA-92-17	Sandsprit Park - Phase I I	Martin County	\$92,000.00	\$1,000,000.00
MA-92-18	Timer Powers Park	Martin County	\$217,500.00	\$435,000.00
MA-93-19	Secondary Channel Marking For Nav. Aid & Res Protection	Martin County Board Of Commissioners	\$12,555.00	\$22,535.00
MA-93-20	Pendarvis Cove Park	Martin County Board Of Commissioners	\$34,000.00	\$68,000.00
MA-93-21	South County Boat Ramp - Phase I	Martin County Board Of Commissioners	\$30,000.00	\$60,000.00
MA-94-22	South County Boat Ramp Park - Phase I (Cancelled)	Martin County Board Of Commissioners	\$220,000.00	\$660,033.00
MA-95-23	St. Lucie Inlet Interior Shoal Dredging	Martin County	\$75,000.00	\$160,000.00
MA-95-24	Maritime Hammock Educational Boardwalk	Martin County & Florida Oceanographic	\$107,000.00	\$150,547.07
MA-95-25	Law Enforcement Patrol And Rescue Vessel	Martin County Sheriff's Office	\$34,000.00	\$54,919.00
MA-95-26	Jensen Beach Causeway Park	Martin County	\$77,000.00	\$197,900.00
MA-96-27	Leighton Park Improvements - Phase I	Martin County Board Of Commissioners	\$198,575.00	\$479,150.00
MA-96-28	Peck Lake Park Environmental Education Signage	Martin County Board Of Commissioners	\$33,000.00	\$33,000.00
MA-97-31	Cove Road Boat Dock (Project Expired)	Martin County	\$37,000.00	\$74,000.00
MA-97-32	St. Lucie Inlet Flood Shoal Dredging	Martin County Board Of Commissioners	\$250,000.00	\$4,897,500.00
MA-97-33	Mangrove Marsh Educ. Nature Trail & Observation Tower	Martin County & Florida Oceanographic	\$90,450.00	\$118,600.00
MA-98-34	St. Lucie Inlet Mgmt. Plan - Flood Shoal Dredging	Martin County Board Of Commissioners	\$79,336.00	\$4,897,500.00

PROJECT #	PROJECT NAME	PROJECTS SPONSOR	GRANT AMOUNT	TOTAL COST
MA-98-35	South County Boat Ramp Park - Phase I	Martin County Board Of Commissioners	\$220,000.00	\$940,000.00
MA-JI-01-39	Safe Waterways	Town Of Jupiter Island	\$12,500.00	\$25,000.00
MA-JI-13-70	Jupiter Island Marine Patrol Waterway Safety	Town Of Jupiter Island	\$30,000.00	\$60,000.00
MA-JI-17-81	Public Safety Marine Fire Suppression Pump	Town of Jupiter Island	\$17,000.00	\$34,000.00
MA-ST-01-42	Floating Courtesy Dock At City Hall Pier	City Of Stuart	\$137,500.00	\$275,000.00
MA-ST-01-43	Rehabilitation Of Anchorage T-dock	City Of Stuart	\$12,500.00	\$50,000.00
MA-ST-02-45	Southpoint Anchorage & Marina Seawall Restoration	City Of Stuart	\$75,000.00	\$150,000.00
MA-ST-02-46	South Municipal Marina - Phase I (Expired)	City Of Stuart	\$27,000.00	\$55,000.00
MA-ST-03-50	Day Markers For Channel At Southpoint (Withdrawn)	City Of Stuart	\$6,000.00	\$12,000.00
MA-ST-04-52	Floating Courtesy Dock At City Hall Pier - Phase I I	City Of Stuart	\$150,000.00	\$300,000.00
MA-ST-08-59	Courtesy Dock Impr.&riverwalk Enhancements-phase I I I	City Of Stuart	\$107,973.00	\$295,945.00
MA-ST-09-62	Shepard Park Boat Ramp Reconstruction & Dredging	City Of Stuart	\$80,000.00	\$160,000.00
MA-ST-11-66	Floating Docks Fire Protection	City Of Stuart	\$25,000.00	\$50,000.00
MA-ST-13-68	City Of Stuart Riverwalk Expansion - Phase I	City Of Stuart	\$40,000.00	\$80,000.00
MA-ST-14-72	Riverwalk Expansion - Phase II	City of Stuart	\$232,334.00	\$464,668.00
MA-ST-15-75	Shepard Park Improvements	City of Stuart	\$232,158.00	\$494,000.00
MA-ST-16-76	Shepard Park Improvements, Part 2	City of Stuart	\$137,750.00	\$285,500.00
MA-ST-17-79	Shepard Park Improvements, PH III	City of Stuart	\$245,473.00	\$490,946.00
MA-ST-18-82	Stuart Courtesy Docks Wave Attenuation PH I (WITHDRAWN)	City of Stuart	\$57,500.00	\$115,000.00
MA-ST-19-84	Shepard Park Improvements, PH IV	City of Stuart	\$110,498.00	\$220,996.00

PROJECT #	PROJECT NAME	PROJECTS SPONSOR	GRANT AMOUNT	TOTAL COST
MA-ST-20-89	Shepard Park Improvements, Phase V	City of Stuart	\$140,000.00	\$280,000.00
MA-ST-20-89	Waterway Safety Program Marine Patrol Vessel	City of Stuart		
MA-ST-21-89	Waterway Safety Program Marine Patrol Vessel	City of Stuart	\$50,000.00	\$100,000.00
MA-ST-22-91	Courtsey Dock and Wave Attenuator Phase I	City of Stuart	\$125,000.00	\$250,000.00
MA-ST-23-93E	Hurricane Nicole Stuart Boardwalk Repairs	City of Stuart	\$38,800.00	\$155,339.00
MA-ST-87-7	Riverwalk & Pier	City of Stuart	\$50,000.00	\$191,400.00
MA-ST-87-8	Shepard Park Fishwalk	City of Stuart	\$20,000.00	\$40,000.00
MA-ST-88-9	Stuart Riverwalk	City of Stuart	\$50,000.00	\$329,400.00
MA-ST-89-12	Riverwalk	City of Stuart	\$200,000.00	\$917,270.00
MA-ST-90-13	Stuart Riverwalk	City of Stuart	\$175,000.00	\$350,000.00
MA-ST-91-16	River Boardwalk - Phase VI	City of Stuart	\$67,500.00	\$150,000.00
MA-ST-96-29	Courtesy Dock At City Hall Pier (Withdrawn)	City Of Stuart	\$11,000.00	\$22,000.00
MA-ST-98-36	Construction Of Stuart Anchorage - Phase I	City Of Stuart	\$25,000.00	\$50,000.00
MA-ST-99-37	Stuart Southpoint Anchorage - Phase I I	City Of Stuart	\$312,750.00	\$625,500.00



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IWW STATUS UPDATE FIND Board of Commissioners Meeting September 8, 2023



1. WORK ACTIVITY: DMMA O-23 (Martin County)

CONTRACT AMOUNT: \$4,174,500.00

DESCRIPTION OF WORK: Development of Plans and Specifications and Construction of DMMA O-23. DMMA will utilize the same weir system as O-7 and will have a 240k cy capacity. 100% of the funds for construction will be contributed funds from FIND.

SCHEDULE:

- | | |
|-------------------------------|------------------------------------|
| • Complete draft P&S | 9 Apr 2020A |
| • NEPA/ERP complete | 20 Apr 2021A |
| • BCOE Certification complete | 20 Apr 2021A |
| • Re Advertised | 20 Jul 2021 A |
| • Open Bids | 19 Aug 2021A |
| • Award | 17 Sept 2021A |
| • Construction Complete | 17 DEC 2022 01 Nov 2023 |

FIND WORK ORDER: FIND work order for construction was approved at the Sept 2020 FIND Board meeting.

NAME OF CONTRACTOR: Contract was awarded on 17 Sept 2021 to Dickerson Florida, Inc out of Fort Pierce, FL in the amount of \$4,173,500.00.

STATUS: Final inspection for MCBP is complete and has been official accepted by the Government. Final inspection for DMMA O-23 is 30 August.

ACTION: Information Only. No action by the Board is required.



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2. WORK ACTIVITY: IWW Palm Valley South Reach (St. Johns County)

CONTRACT AMOUNT: \$4,504,806.48

DESCRIPTION OF WORK: Maintenance dredging of the IWW Palm Valley South Reach in St. Johns County. There is approximately 250k cy of material within the reach. Dredge material will be placed in DMMA SJ-14.

SCHEDULE (DRAFT):

- | | |
|-------------------------------|----------------------------------|
| • Complete draft P&S | 31 March 2022A |
| • BCOE Certification complete | 30 Sep 22 02 Dec 22A |
| • Advertise | 22 Jul 22A |
| • Bid Opening | 30 Sep 22 13 Dec 22A |
| • Award | 2 March 23 12 Jan 23A |

FIND WORK ORDER: FIND work order was approved at the May 2022 Board meeting and funds have been received. The project is a combination of Federal and FIND funds.

NAME OF CONTRACTOR: Awarded to Southwind on 12 January 2023 at \$4,504,806.48

STATUS: Southwind completed dredging on 11 May 2023 and is completed all restoration efforts. Government submitted acceptance letter on 14 July 2023. Project is now physically complete. Processing final quality reconciliation to fiscally close out the contract.

ACTION: Information only. No action required by the board.



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3. WORK ACTIVITY: IWW Volusia (Volusia County)

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: Maintenance dredging of the IWW Volusia Reach. Anticipate 300k-400k cy of material to be dredged out of the federal channel. Dredge material will be placed in the nearshore disposal area located south of the Ponce Inlet. This effort will be consolidated with Ponce Inlet O&M dredging as was done in the 2017/2018 event.

SCHEDULE (DRAFT):

- | | |
|----------------------|------------|
| • P&S Kick off | 27 Apr 22A |
| • BCOE Certification | 30 Apr 24 |
| • Advertise | 30 May 24 |
| • Award | 27 Aug 24 |
| • NTP | 17 Sep 24 |

FIND WORK ORDER: Board approved work order.

STATUS: The Murden demobilized from IWW on 13 June. Initial estimates show approximately 25,000 cubic yards was removed and placement in the nearshore north of the Inlet. Coordinating after dredge surveys.

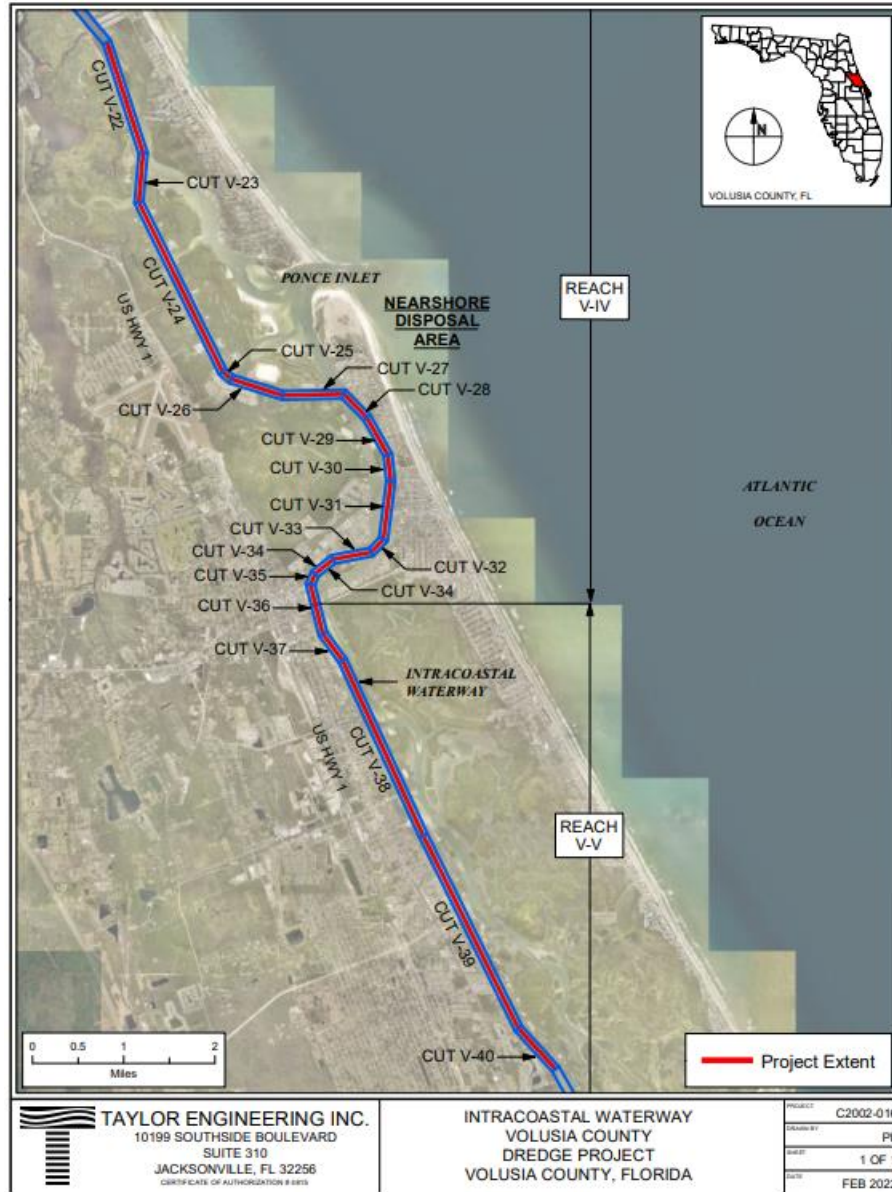
Stockpile design for dredge disposal is almost complete.

ACTION: Informational, no action is required by the Board.



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4. WORK ACTIVITY: AIWW Sawpit Reach (Nassau County)

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: USACE received \$5M in infrastructure funding for the AIWW Sawpit. Project will include maintenance dredging of the AIWW Sawpit Reach in Nassau County. We anticipate 400k-600k cy of material within the federal channel. 95% of the material will be placed on the beach at the State Park, with the remaining 5% being placed upland in DU-2.

SCHEDULE (DRAFT):

- | | |
|----------------------|----------------------------------|
| • Kick off P&S | 26 Apr 22A |
| • BCOE Certification | 30 Jun 23 31 Jan 24 |
| • Advertise | 18 Jul 23 28 Feb 24 |
| • Award | 25 Sep 23 30 April 24 |

FIND WORK ORDER: TBD – anticipate a combination of Fed funding and FIND contributed funds depending on the size of the contract. If required a work order will be presented to the Board in December 23.

NAME OF CONTRACTOR: TBD

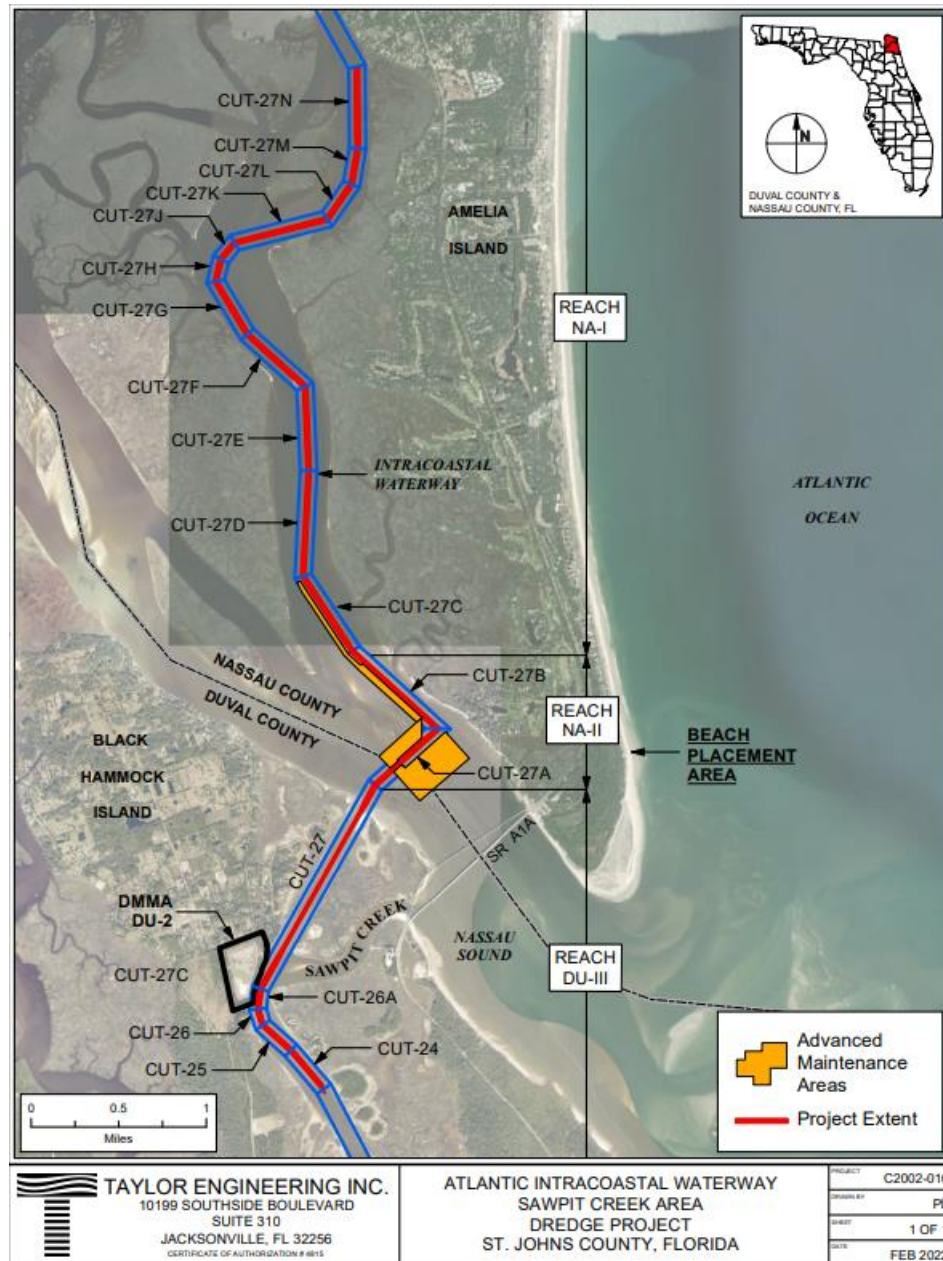
STATUS: P&S kicked off on 26 Apr 22. Real Estate Use Agreement between FIND, USACE and the State Park for placement is complete. Additional hydrosurveys have been collected and team is preparing a response to DEP RAI #3. This has pushed receiving the DEP permit potentially to October 2023.

ACTION: Informational, no action is required by the Board.



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5. WORK ACTIVITY: IWW Matanzas

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: USACE expected to receive \$4M in FY 23 President's Budget. Project will include maintenance dredging of the IWW Matanzas in St. Johns County. It's anticipated that 300k-400k cy of material is within the federal channel. Placement of material will occur on the beach just south of Matanzas Inlet.

SCHEDULE (DRAFT):

- | | |
|----------------------|--------------------------------|
| • Kick off P&S | 12 Jan 23A |
| • BCOE Certification | 5 Jun 23 16 Jun 23A |
| • Advertise | 29 Jun 23A |
| • Award | 28 Aug 23 |

FIND WORK ORDER: A Dredge Work Order has been submitted for board approval.

NAME OF CONTRACTOR: TBD

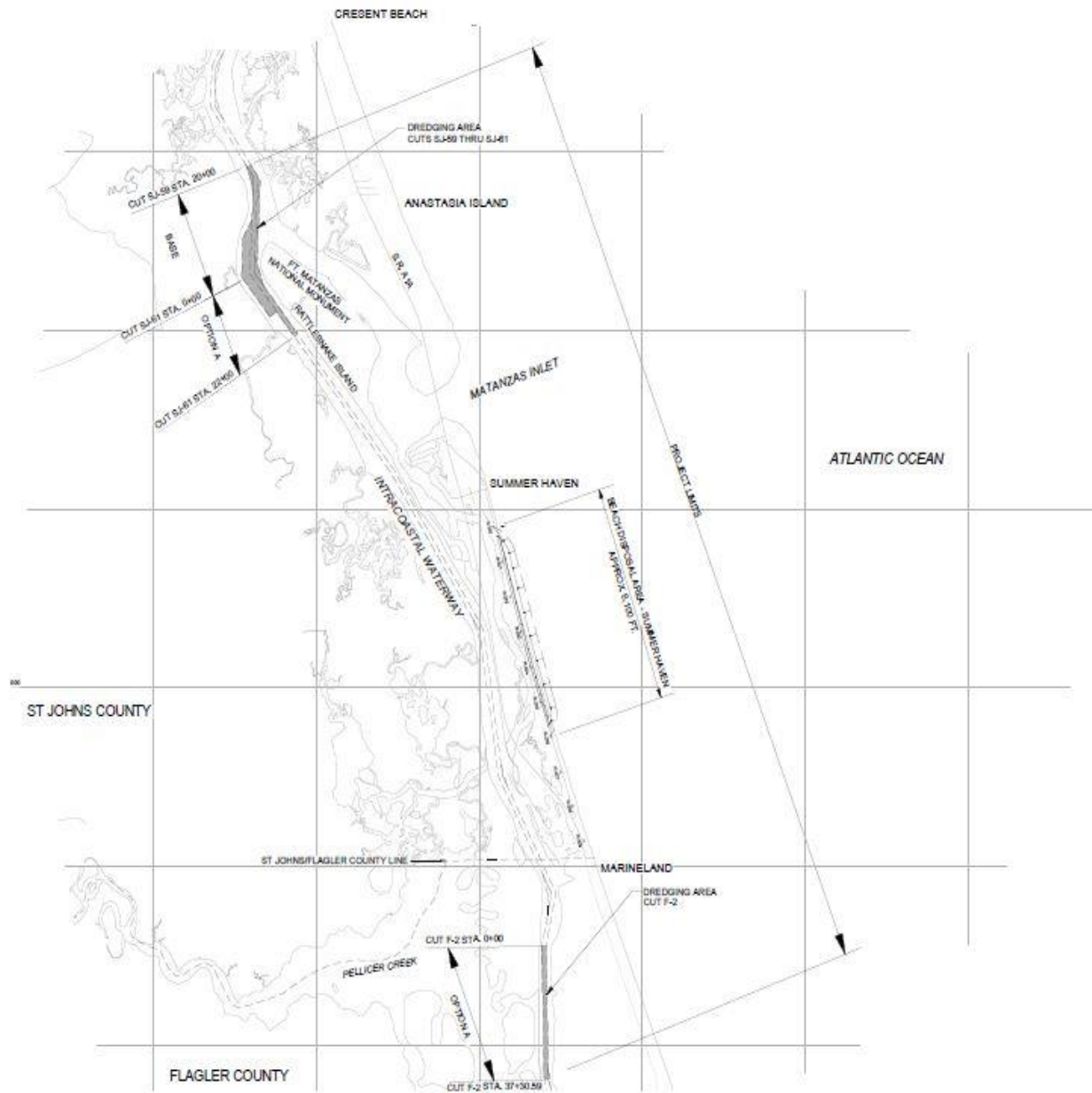
STATUS: Bid opening occurred 31 July 23. Lowest bid was a couple of million dollars lower than the Government's IGE. Both base and options are to be awarded at the same time. Tracking a 28 August award.

ACTION: Information only. No action required by the board.



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5. WORK ACTIVITY: IWW Crossroads & the Vicinity of Jupiter Inlet.

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: USACE expected to receive \$4 M in FY 24 President's Budget. Project will include maintenance dredging of both IWW Crossroads in Martin County and near Jupiter Inlet in Palm Beach County. It's anticipated that 150k cy of material is within the federal channel. Placement of material for Crossroads is in the St. Lucie Inlet Impoundment Basin and for Jupiter Inlet is on the beach south of the Inlet.

SCHEDULE (DRAFT):

- | | |
|----------------------|-----------|
| • Kick off P&S | 01 Nov 23 |
| • BCOE Certification | 13 Jun 24 |
| • Advertise | 01 Jul 24 |
| • Award | 27 Sep 24 |

FIND WORK ORDER: TBD

NAME OF CONTRACTOR: TBD

STATUS: P&S kicked is scheduled to kicked off in November of 2023. Recent surveys indicate shoaling in cuts M-1 through M-7. The active DEP permit only covers M-4 through M-7. Scope now included collecting additional geotechnical borings and permit modification to dredge cuts M-1 through M-7.

ACTION: Information only. No Action is required from the Board.



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IWW STATUS UPDATE FIND Board of Commissioners Meeting September 8, 2023



6. MISCELLANEOUS:

A. Establish FIND as the local sponsor for Martin and Palm Beach Counties along the OWW.

USACE OC has met with SFWMD OC regarding the path forward to make FIND the local sponsor for Martin and Palm Beach Counties along the OWW.

Background: In 2005 Florida legislature amended Section 374.984, Florida Statutes to assign responsibility and authority to FIND for the portion of the OWW located in Martin and Palm Beach Counties (link to the full statute:)

http://www.leg.state.fl.us/statutes/index.cfm?App_mode=Display_Statute&Search_String=&URL=0300-0399/0374/Sections/0374.984.html.

Section 374.984 falls under Part II of Chapter 374, where Part II is “Florida Inland Navigation District Law”. Paragraph 6.h. of Section 374.984 states, “(h) The district is designated the local interest sponsor for the sole purpose of maintaining navigability of that portion of the Okeechobee Waterway located in Martin and Palm Beach Counties.”

Next step:

1. SFWMD will submit a letter to SAJ recognizing the Florida law that designates FIND as responsible for maintaining navigability of that portion of the OWW and requesting the termination of its responsibilities as non-federal sponsor (NFS) of the portion, with a copy furnished to FIND. - **DONE**
2. In parallel with SFWMD’s letter, FIND will submit a letter to SAJ requesting to be the NFS for the portion of the OWW within Martin and Palm Beach Counties, with a copy furnished to the SFWMD. - **DONE**
3. SAJ will draft an agreement for FIND to assume O&M responsibilities for the portion of the OWW within Martin and Palm Beach Counties. – **Draft Project Partnership Agreement is currently under review.**
- SAJ can prioritize executing a Contributed Funds Agreement (CFA) while drafting the Project Partnership Agreement (PPA). FIND as requested to prioritize the CFA. –**SAJ received additional SAD’s comments and PM is working through the comments.**
4. After execution of the PPA, SAJ will send a letter to SFWMD acknowledging the termination of its role as a NFS for the specified portion of the OWW and clarifying the SFWMD’s continued role as NFS for the remaining portion of the OWW, with a copy furnished to FIND.



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Jacksonville District

**IWW STATUS
UPDATE
FIND Board of
Commissioners Meeting
September 8, 2023**



5. The next item needed is a contributed funds agreement for the OWW. The contributed funds agreement unfortunately will not be of the magnitude of the IWW/AIWW one in that the new model only allows for a smaller duration and funding limit. For example, effort should be made for the maximum agreement duration, likely a 7-10 year contributed funds agreement with specific areas outlined (as compared to the existing IWW/AIWW agreement that is a 50-year agreement with no maximum contribution or specific reaches listed).

DERELICT VESSEL PROGRAM



Objective



The objective of the Derelict Vessel Program is to help facilitate the safe passage of vessels in the waterways of the state as well as protect the marine environment.

A successful program will promote, protect and improve the quality of life for the citizens of Martin County.

Facts and Figures

- * One FTE
- * Typical case duration is 30 days
- * Transferred from GMD to Building in 2015
- * 221 Derelict Vessel Cases (2.5 cases/month)
- * 102 Derelict Vessels became compliant (46%)
- * 119 Derelict Vessels destroyed (54%)
- * Most common vessel is approximately 30 feet long with fiberglass hull



F.S. §823.11 - Derelict Vessel Definition

- * Vessel in wrecked, junked, or substantially dismantled condition upon waters of the state
- * At a port in this state without the consent of the agency having jurisdiction thereof
- * Docked, grounded or beached upon the property of another without the consent of the owner of the property



F.S. §327.4107 - Vessel at Risk of Becoming a Derelict Vessel

- * Vessel taking on water without effective means to dewater
- * Enclosed spaces incapable of being sealed off
- * Vessel broken loose/about to break loose of anchor
- * Vessel listing due to water intrusion
- * No effective means of propulsion for safe navigation after 72 hours of notice for parts/repair of vessel
- * Vessel tied to an unlawful or unpermitted structure or mooring

Enforcement

The Division of Law Enforcement of the Fish and Wildlife Conservation Commission and its officers, the sheriffs of the various counties and their deputies, municipal police officers, and any other law enforcement officer may order the removal of vessels deemed to be an interference or hazard to public safety per F.S. §327.70

Process – F.S. §705.103

- *Law enforcement determines a vessel is a public nuisance on the waters of the state and places a notice on the vessel
- *Law enforcement must make reasonable efforts to contact the owner/lienholder and mail a notice
- *Notice must inform owner has 21 days to request hearing to dispute determination

Notice placed on vessel

NOTICE

DERELICT VESSEL REMOVAL PROGRAM

TO THE OWNER AND ALL INTERESTED IN THE ATTACHED PROPERTY

This property, to wit: Unknown Vessel Debris, Fiberglass, sunk

Located at Stuart Sandbar/Sailfish Flats (27°11.070'N, 080°10.321'W)
is unlawfully upon public property or is improperly stored on private property and is in violation of Chapter 705, Florida Statutes, Abandoned Property and must be removed within ten (10) days from the date of this notice, otherwise it shall be presumed to be abandoned property and will be moved and destroyed by order of the Martin County Board of County Commissioners. The owner will be liable for costs of removal, storage, and the publication of notice.

Date of Posting: 07/03/23

Incident Number: 2023-00088340

Atencion: Documento importante con respecto a sus derechos y responsabilidades. Si usted no comprende ingles consigna Traducir inmediatamente.

Martin County Sheriff's Office
Division of Law Enforcement Office

Address: 800 SE Monterey Rd

City: Stuart FL, 34996

Phone: (772) 220-7170

Derelict Vessel with Tag



If No Response

Law enforcement or its designee may

1.) Remove the vessel from the waters of the state and destroy and dispose of the vessel or authorize another governmental entity or its designee to do so

or

2.) Authorize the vessel's use as an artificial reef



Next Steps

- * Sheriff's office sends the County a letter advising their investigation has determined derelict vessel exists and we may proceed with disposal.
- * Staff arranges with continuing service Marine Contractor for removal and disposal of the vessel.

William D. Snyder
Sheriff
(772) 220-7000

Office of the Sheriff
Martin County, Florida
www.sheriff.martin.fl.us

May 3, 2023

Mr. David Holcomb
Martin County Building Department
900 SE Rühnkke Street
Stuart, FL 34954

RE: Derelict Vessel – MCSO Case Number 2023-00052780

Dear Mr. Holcomb,

Our agency has determined that the vessel described below meets the definition of a derelict vessel under F.S. 823.11(1)(a) and F.S. 705.109. Your agency may proceed with disposing of this vessel, pursuant to law. Salvageable material may be removed from the vessel and sold to offset removal costs pursuant to F.S. 705.103(1).

According to D/S James Holloran, the vessel is aground and lays 95 degrees to its port side. The vessel was tagged on April 18, 2023. On April 20, 2023, a waterproof "At Risk" letter was mailed to owner James D. Braun II. D/S Holloran also attached an "At Risk" letter to the vessel. The required ten-day notice has now expired, and the vessel is in a worse state than when initially tagged. All efforts to have the registered owner remove the vessel or to bring it into compliance have yielded no results. Deputy Holloran has not been in contact with Mr. Braun, II but reports that you have spoken to Mr. Braun II and learned that he does not have the means to bring the vessel into compliance. This vessel is located behind 121 SW Flagler Avenue, Stuart, FL 34994. Vessel and owner information is listed below:

REG: FL4882ML, HIN: NJZ08593HULL DECAL: 02823849
EXPIRATION DATE: 09/29/2023
MAKE: CATALINA, YR: 1979, LENGTH: 027
HULL: FBGLASS, ANTIQUE VESSEL FUEL: GAS

OWNER 1: BRAUN, JAMES DAVID II, DOB: 09/29/1968
DL: 8650444683490 SEX: M RACE: W
GENERAL DELIVERY
STUART, FL 34982-0000
RESIDENCY: FLORIDA RESIDENT

Sincerely,
Bernard Romero, Esq.
Martin County Sheriff's Office
772-220-7003

MAILING ADDRESS
100 SE MONTEREY ROAD
STUART, FL 34994-4399

CIVIL DEPARTMENT ADDRESS
100 EAST OCEAN BOULEVARD
ST. JAMES, FL 34984

ADMINISTRATIVE & JAIL COMPLAINTS
300 SE MONTEREY ROAD
STUART, FL 34994-4399

Funding

- *Local Option Registration Fees-Ordinance 756
- *FIND Grants
- *Private Grants – Jupiter Narrows POA
- *Restitution thru the Judicial System
- *Federal Pollution Fund (Endeavor)
- *Florida Fish and Wildlife Conservation Commission

Sunken and Recovered



Vessel Damaged by Fire



The Endeavor

\$625K Removal



Removing Cargo from Endeavor



90 Foot Barge in C-44



Reinforcements



Questions?



MARSH HARBOR
SOUTH

PONTE VEDRA, FLORIDA

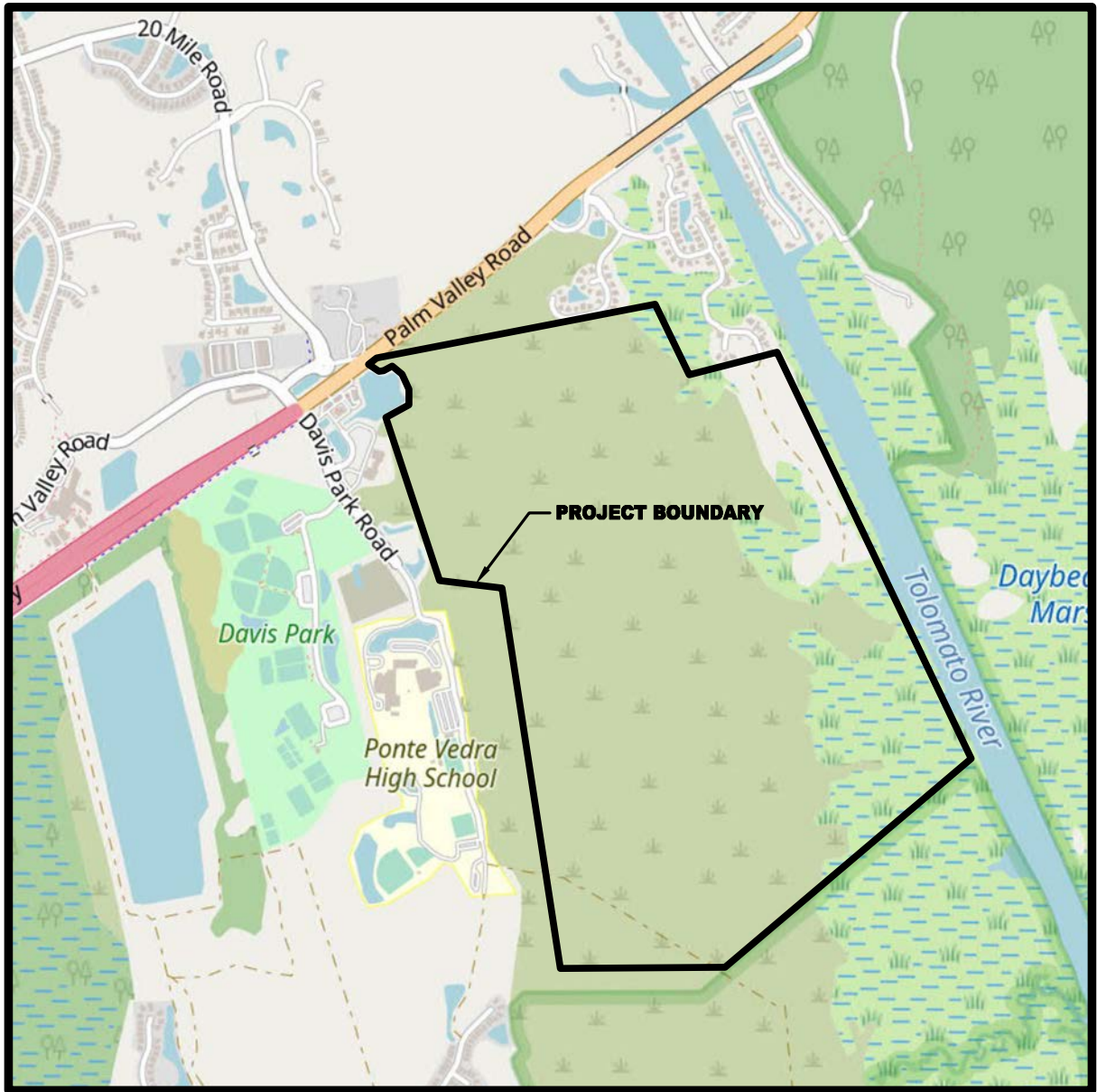
PREPARED FOR

CABBAGE HAMMOCK COMPANY, LLC

4314 PABLO OAKS CT
JACKSONVILLE, FL 32224
(904) 992-9750



England-Thimms & Miller, Inc.
14775 Old St. Augustine Road
Jacksonville, FL 32258
TEL: (904) 642-8990
FAX: (904) 646-9485
CA - 00002584 LC - 0000316



LOCATION MAP
N.T.S.

DRAWING INDEX			
PDF SHEET NUMBER	DRAWING NUMBER	DRAWING TITLE	REVISION
1	1	COVER SHEET	
2	2	EOR SIGNATURE PAGE	
3	3	GENERAL NOTES	
4	4	DEMOLITION PLAN	
5	5	MASTER SITE PLAN	
6-18	6A-6M	GEOMETRY PLAN	
19	7	MASTER DRAINAGE PLAN	
20-32	8A-8M	PAVING AND DRAINAGE PLAN	
33-41	9A-9I	PAVING AND DRAINAGE DETAILS	
42-54	10A-10M	NEIGHBORHOOD GRADING PLAN	
55	11	MASTER UTILITY PLAN	
56-68	12A-12M	WATER SEWER PLAN	
69	13	UTILITY CROSSINGS	
70-73	14A-14D	ROADWAY PROFILES	
74-75	15A-15B	FORCE MAIN PLAN AND PROFILE	
76	16A	PUMP STATION PLAN	
77	16B	PUMP STATION DETAILS	
78	16C	PUMP STATION LANDSCAPE PLAN	
79	16D	EXISTING PUMP STATION PLAN	
80-91	17A-17L	JEA STANDARD DETAILS	
92	18	FIRE MAIN RESTRAINT (200 PSI) DETAILS	
93-96	19A-19D	SEDIMENT AND EROSION CONTROL PLAN	
97-98	20A-20B	SEDIMENT AND EROSION CONTROL DETAILS	
99	21	STORMWATER POLLUTION PREVENTION PLAN	
100	22	SWPP CONTRACTORS CERTIFICATIONS	
101-110	TM-01-TM-10	TREE MITIGATION PLANS	
111-120	TM-11-TM-20	TREE MITIGATION TABLES	
121-122	LC-01-LC-02	LANDSCAPE PLAN	
123	LC-03	LANDSCAPE SPECIFICATIONS AND DETAILS	

NOTE:
IF YOU DIG IN FLORIDA, YOU ARE REQUIRED TO
CALL SUNSHINE STATE ONE-CALL OF FLORIDA,
INC. 1-800-432-4770 FOR LOCATES. IT'S THE
LAW.

JEA FLOW TEST

FLOW TEST DATE: 09/02/2021 @ 9:45 AM.

FLOW HYDRANT LOCATION
HARBOR LIGHT DR 250' E OF HARBOR PRESERVE ST (217224)

STATIC RESIDUAL HYDRANT LOCATION
HARBOR LIGHT DR 200' W OF HARBOR PRESERVE CT (217225)

NUMBER OF PORTS: 2
DIAMETER OF PORTS (IN): 2.5
PITOT PRESSURE (PSI): 21
STATIC PRESSURE (PSI): 67
RESIDUAL PRESSURE (PSI): 29

FLOW AT TEST (GPM): 1,547
FLOW AT 20 PSI (GPM): 1,735

JEA DESIGN STANDARDS: 2022

JEA AVAILABILITY #: 2021-3697

REVISIONS
1) 2022-11-01 REV PER CLIENT REQUEST
2) 2023-07-25 REV PHASE LINES

VERTICAL DATUM USED FOR
THIS PROJECT: NAVD88

ETM

VISION • EXPERIENCE • RESULTS

England-Thimms & Miller, Inc.
14775 Old St. Augustine Road
Jacksonville, FL 32258
TEL: (904) 642-8990
FAX: (904) 646-9485
REG - 2584 LC - 0000316

COVER SHEET

MARSH HARBOR SOUTH
FOR
CABBAGE HAMMOCK COMPANY, LLC

DRAWING NUMBER

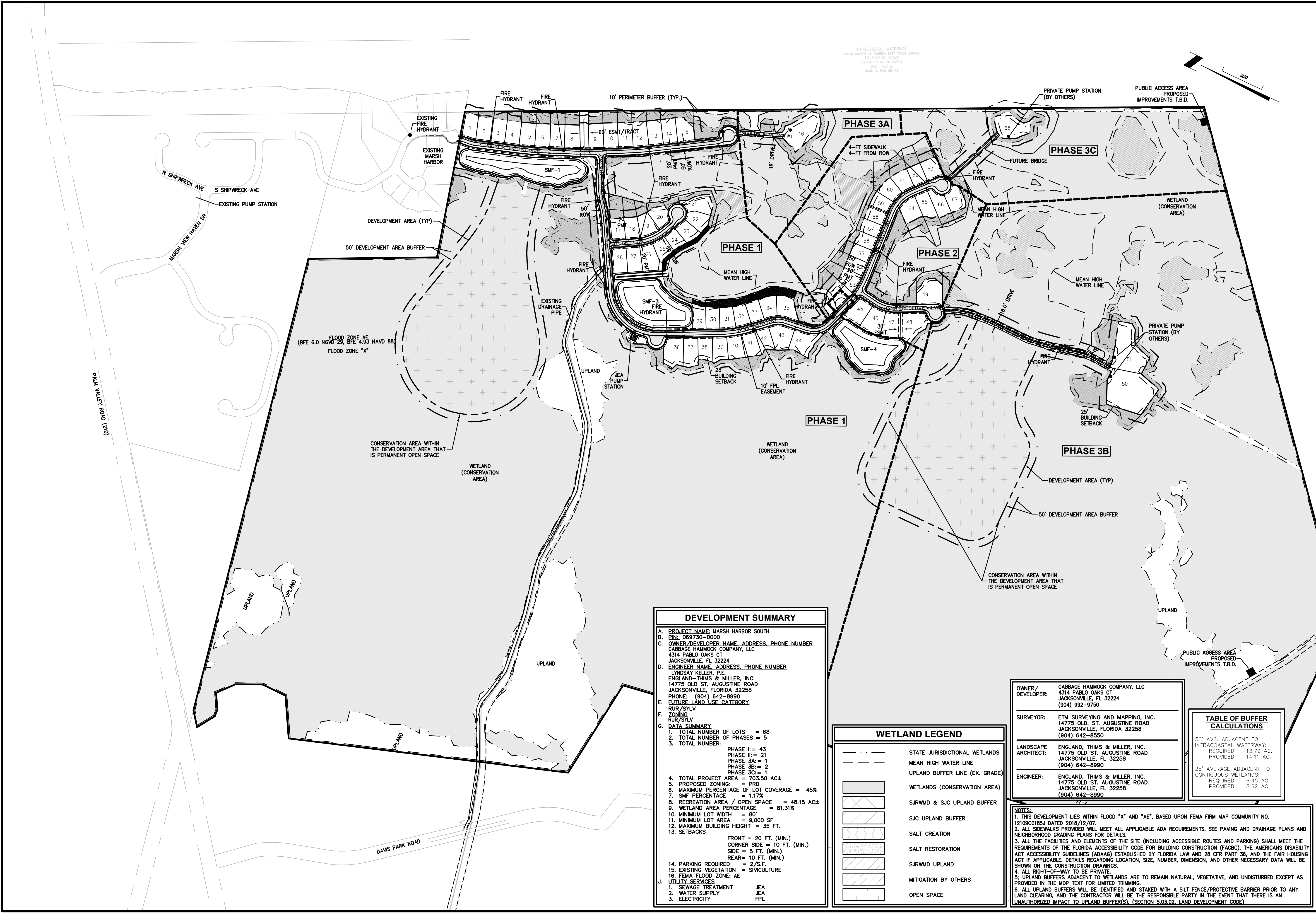
1

REVISIONS:
1. 2022-11-01 REV PER CLIENT REQUEST

ETM NO. 14-213-03
DRAWN BY: MEW
DESIGNED BY: MEW
CHECKED BY: JAN
DATE: OCT 2022

PLANS PREPARED UNDER THE
DIRECTION OF:
LYNDSAY KELLER
P.E. NUMBER: 77763

PLotted: July 26, 2023 - 8:43 AM, BY: Lynsday Keller



DEVELOPMENT SUMMARY	
A. PROJECT NAME: MARSH HARBOR SOUTH	
B. PIN: 069730-0000	
C. OWNER/DEVELOPER NAME, ADDRESS, PHONE NUMBER	
CABBAGE HAMMOCK COMPANY, LLC	
4314 PABLO OAKS CT	
JACKSONVILLE, FL 32224	
D. ENGINEER NAME, ADDRESS, PHONE NUMBER	
LYNDSEY KELLER, P.E.	
ENGLAND-THIMS & MILLER, INC.	
14775 OLD ST. AUGUSTINE ROAD	
JACKSONVILLE, FLORIDA 32258	
PHONE: (904) 642-8990	
E. FUTURE LAND USE CATEGORY	
RUR/SYLV	
F. ZONING	
RUR/SYLV	
G. DATA SUMMARY	
1. TOTAL NUMBER OF LOTS	= 68
2. TOTAL NUMBER OF PHASES	= 5
3. TOTAL NUMBER:	
PHASE I: =	43
PHASE II: =	21
PHASE 3A: =	1
PHASE 3B: =	2
PHASE 3C: =	1
4. TOTAL PROJECT AREA	= 703.50 AC±
5. PROPOSED ZONING	= PRD
6. MAXIMUM PERCENTAGE OF LOT COVERAGE	= 45%
7. SMF PERCENTAGE	= 1.17%
8. RECREATION AREA / OPEN SPACE	= 48.15 AC±
9. WETLAND AREA PERCENTAGE	= 81.31%
10. MINIMUM LOT WIDTH	= 80'
11. MINIMUM LOT AREA	= 9,000 SF
12. MAXIMUM BUILDING HEIGHT	= 35 FT.
13. SETBACKS	
FRONT =	20 FT. (MIN.)
CORNER SIDE =	10 FT. (MIN.)
SIDE =	5 FT. (MIN.)
REAR =	10 FT. (MIN.)
14. PARKING REQUIRED	= 2/S.F.
15. EXISTING VEGETATION	= SIMCULTURE
16. FEMA FLOOD ZONE: AE	
J. UTILITY SERVICES:	
1. SEWAGE TREATMENT	JEA
2. WATER SUPPLY	JEA
3. ELECTRICITY	FPL

WETLAND LEGEND	
	STATE JURISDICTIONAL WETLANDS
	MEAN HIGH WATER LINE
	UPLAND BUFFER LINE (EX. GRADE)
	WETLANDS (CONSERVATION AREA)
	SJRWMD & SJC UPLAND BUFFER
	SJC UPLAND BUFFER
	SALT CREATION
	SALT RESTORATION
	SJRWMD UPLAND
	MITIGATION BY OTHERS
	OPEN SPACE

OWNER/DEVELOPER:	CABBAGE HAMMOCK COMPANY, LLC 4314 PABLO OAKS CT JACKSONVILLE, FL 32224 (904) 992-9750
SURVEYOR:	ETM SURVEYING AND MAPPING, INC. 14775 OLD ST. AUGUSTINE ROAD JACKSONVILLE, FLORIDA 32258 (904) 642-8550
LANDSCAPE ARCHITECT:	ENGLAND, THIMS & MILLER, INC. 14775 OLD ST. AUGUSTINE ROAD JACKSONVILLE, FL 32258 (904) 642-8990
ENGINEER:	ENGLAND, THIMS & MILLER, INC. 14775 OLD ST. AUGUSTINE ROAD JACKSONVILLE, FL 32258 (904) 642-8990

TABLE OF BUFFER CALCULATIONS	
50' AVG. ADJACENT TO INTRACOASTAL WATERWAY:	
REQUIRED	13.79 AC.
PROVIDED	14.11 AC.
25' AVERAGE ADJACENT TO CONTIGUOUS WETLANDS:	
REQUIRED	6.45 AC.
PROVIDED	8.62 AC.

NOTES:
1. THIS DEVELOPMENT LIES WITHIN FLOOD "X" AND "AE", BASED UPON FEMA FIRM MAP COMMUNITY NO. 121090C0185J DATED 2018/12/07.
2. ALL SIDEWALKS PROVIDED WILL MEET ALL APPLICABLE ADA REQUIREMENTS. SEE PAVING AND DRAINAGE PLANS AND NEIGHBORHOOD GRADING PLANS FOR DETAILS.
3. ALL THE FACILITIES AND ELEMENTS OF THE SITE (INCLUDING ACCESSIBLE ROUTES AND PARKING) SHALL MEET THE REQUIREMENTS OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION (FACBC), THE AMERICANS DISABILITY ACT IF APPLICABLE, DETAILS REGARDING LOCATION, SIZE, NUMBER, DIMENSION, AND OTHER NECESSARY DATA WILL BE SHOWN ON THE CONSTRUCTION DRAWINGS.
4. ALL RIGHT-OF-WAY TO BE PRIVATE.
5. UPLAND BUFFERS ADJACENT TO WETLANDS ARE TO REMAIN NATURAL, VEGETATIVE, AND UNDISTURBED EXCEPT AS PROVIDED IN THE MDP TEXT FOR LIMITED TRIMMING.
6. ALL UPLAND BUFFERS WILL BE IDENTIFIED AND STAKED WITH A SILT FENCE/PROTECTIVE BARRIER PRIOR TO ANY LAND CLEARING, AND THE CONTRACTOR WILL BE THE RESPONSIBLE PARTY IN THE EVENT THAT THERE IS AN UNAUTHORIZED IMPACT TO UPLAND BUFFER(S). (SECTION 5.03.02, LAND DEVELOPMENT CODE)

PLANS PREPARED UNDER THE DIRECTION OF:

REVISIONS:
2) 2023-07-25 REV PHASE LINES

ETM NO. 14-213-03

DRAWN BY: MEW

DESIGNED BY: MEW

CHECKED BY: JAN

DATE: OCT 2022

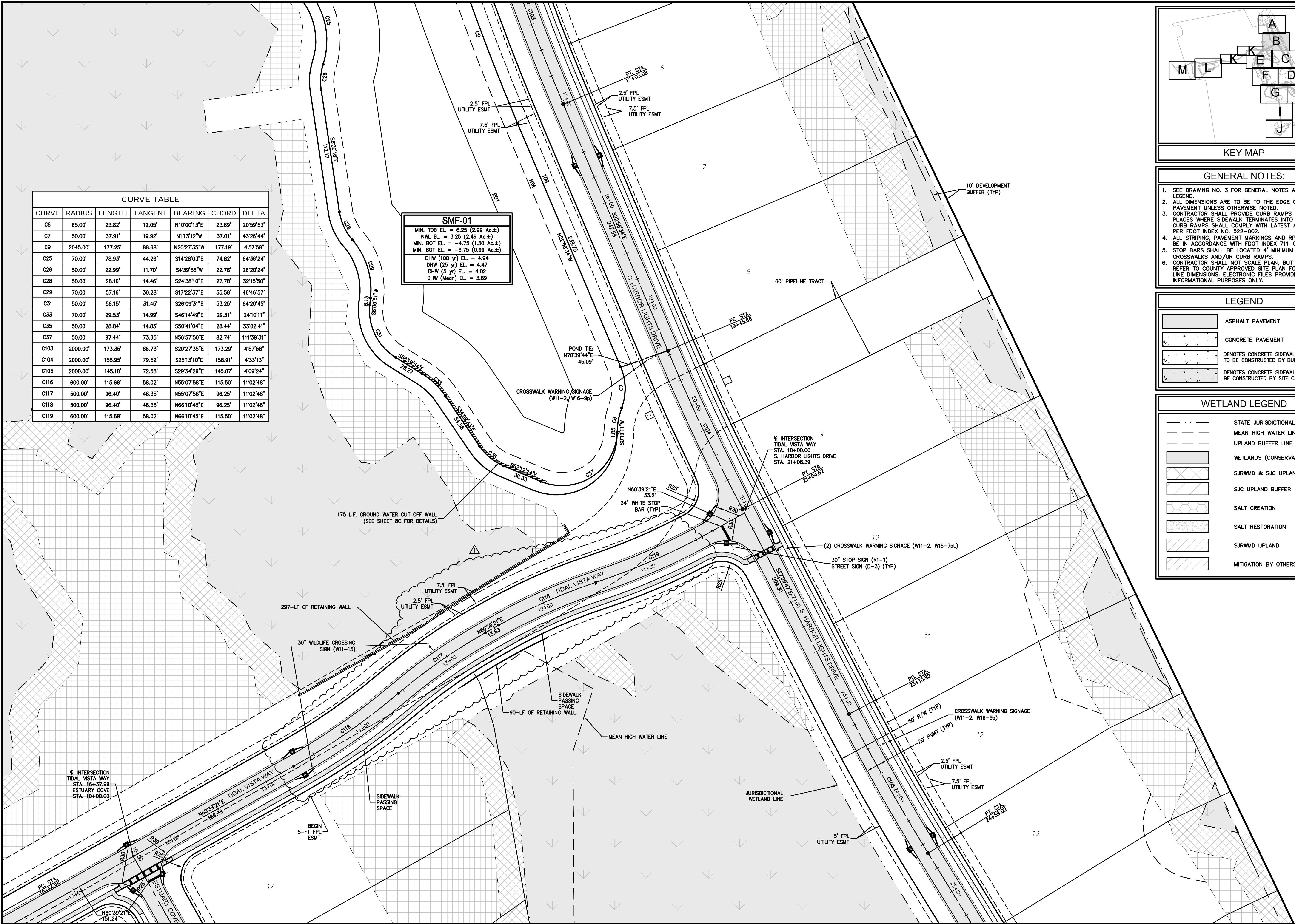
England-Thims & Miller, Inc.
14775 Old St. Augustine Road
Jacksonville, FL 32258
TEL: (904) 642-8990
FAX: (904) 642-8985
CA - 00002584 LC - 00003616

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MASTER SITE PLAN
MARSH HARBOR SOUTH
FOR
CABBAGE HAMMOCK COMPANY, LLC

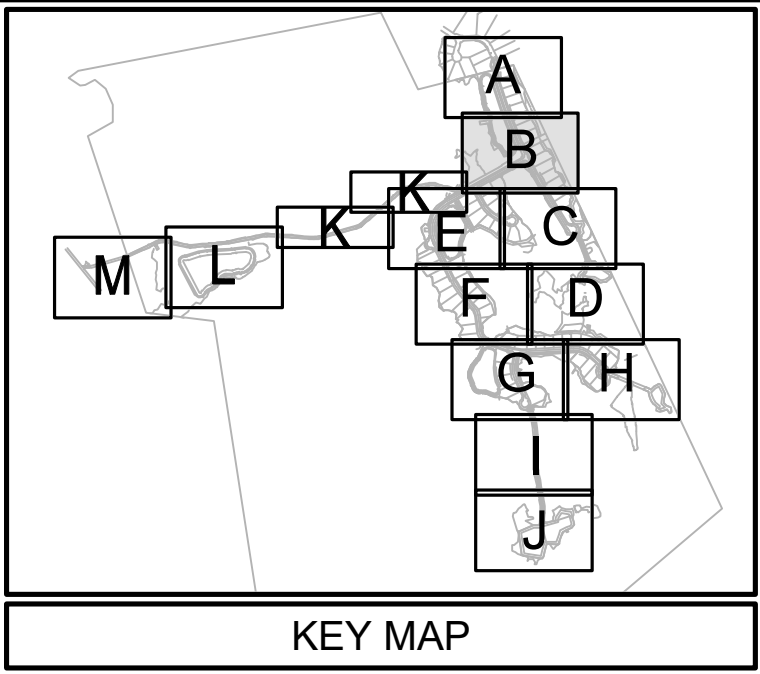
DRAWING NUMBER
5

LYNDSEY KELLER
P.E. NUMBER: 77763
PLOTTED: July 26, 2023 - 8:44 AM, BY: Lyndsey Keller



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	BEARING	CHORD	DELTA
C6	65.00'	23.82'	12.05'	N10°00'13"E	23.69'	20°59'53"
C7	50.00'	37.91'	19.92'	N11°3'12"W	37.01'	43°26'44"
C9	2045.00'	177.25'	88.68'	N20°27'35"W	177.19'	4°57'58"
C25	70.00'	78.93'	44.26'	S14°28'03"E	74.82'	64°36'24"
C26	50.00'	22.99'	11.70'	S4°39'56"W	22.78'	26°20'24"
C28	50.00'	28.16'	14.46'	S24°38'10"E	27.78'	32°15'50"
C29	70.00'	57.16'	30.28'	S17°22'37"E	55.58'	46°46'57"
C31	50.00'	56.15'	31.45'	S26°09'31"E	53.25'	64°20'45"
C33	70.00'	29.53'	14.99'	S46°14'49"E	29.31'	24°10'11"
C35	50.00'	28.84'	14.83'	S50°41'04"E	28.44'	33°02'41"
C37	50.00'	97.44'	73.65'	N56°57'50"E	82.74'	111°39'31"
C103	2000.00'	173.35'	86.73'	S20°27'35"E	173.29'	4°57'58"
C104	2000.00'	158.95'	79.52'	S25°13'10"E	158.91'	4°33'13"
C105	2000.00'	145.10'	72.58'	S29°34'29"E	145.07'	4°09'24"
C116	600.00'	115.68'	58.02'	N55°07'58"E	115.50'	11°02'48"
C117	500.00'	96.40'	48.35'	N55°07'58"E	96.25'	11°02'48"
C118	500.00'	96.40'	48.35'	N66°10'45"E	96.25'	11°02'48"
C119	600.00'	115.68'	58.02'	N66°10'45"E	115.50'	11°02'48"

SMF-01	
MIN. TOB EL. = 6.25 (2.99 Ac.±)	
NWL EL. = 3.25 (2.46 Ac.±)	
MIN. BOT EL. = -4.75 (1.30 Ac.±)	
MIN. BOT EL. = -8.75 (0.99 Ac.±)	
DHW (100 yr) EL. = 4.94	
DHW (25 yr) EL. = 4.47	
DHW (5 yr) EL. = 4.02	
DHW (Mean) EL. = 3.89	



- GENERAL NOTES:
- SEE DRAWING NO. 3 FOR GENERAL NOTES AND LEGEND.
 - ALL DIMENSIONS ARE TO BE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 - CONTRACTOR SHALL PROVIDE CURB RAMP AT ALL PLACES WHERE SIDEWALK TERMINATES INTO PAVEMENT. CURB RAMP SHALL COMPLY WITH LATEST ADA CODE PER FDOT INDEX NO. 522-002.
 - ALL STRIPING, PAVEMENT MARKINGS AND RPM'S SHALL BE IN ACCORDANCE WITH FDOT INDEX 711-001.
 - STOP BARS SHALL BE LOCATED 4' MINIMUM FROM CROSSWALKS AND/OR CURB RAMP.
 - CONTRACTOR SHALL NOT SCALE PLAN, BUT SHALL REFER TO COUNTY APPROVED SITE PLAN FOR ALL LINE DIMENSIONS. ELECTRONIC FILES PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

- LEGEND
- ASPHALT PAVEMENT
 - CONCRETE PAVEMENT
 - DENOTES CONCRETE SIDEWALK (TYP) TO BE CONSTRUCTED BY BUILDER
 - DENOTES CONCRETE SIDEWALK (TYP) TO BE CONSTRUCTED BY SITE CONTRACTOR

- WETLAND LEGEND
- STATE JURISDICTIONAL WETLANDS
 - MEAN HIGH WATER LINE
 - UPLAND BUFFER LINE (EX. GRADE)
 - WETLANDS (CONSERVATION AREA)
 - SURWMD & SJC UPLAND BUFFER
 - SJC UPLAND BUFFER
 - SALT CREATION
 - SALT RESTORATION
 - SURWMD UPLAND
 - MITIGATION BY OTHERS

PLANS PREPARED UNDER THE DIRECTION OF:

REVISIONS:

ETM NO. 14-213-03

DRAWN BY: NEW

DESIGNED BY: NEW

CHECKED BY: JAN

DATE: OCT 2022

England-Thins & Miller, Inc.

14775 Old St. Augustine Road

Jacksonville, FL 32258

TEL: (904) 642-8890

FAX: (904) 646-9485

CA-00002584 LC-00003616

ETM

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GEOMETRY PLAN

MARSH HARBOR SOUTH FOR CABBAGE HAMMOCK COMPANY, LLC

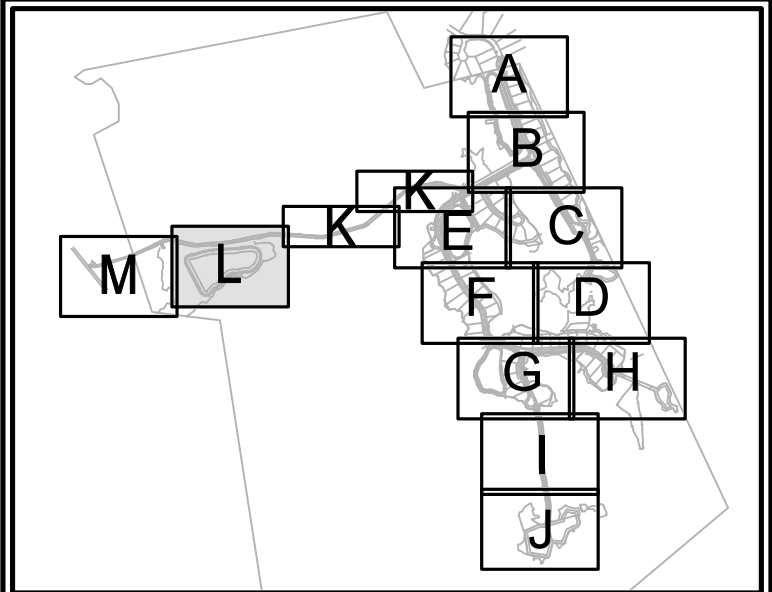
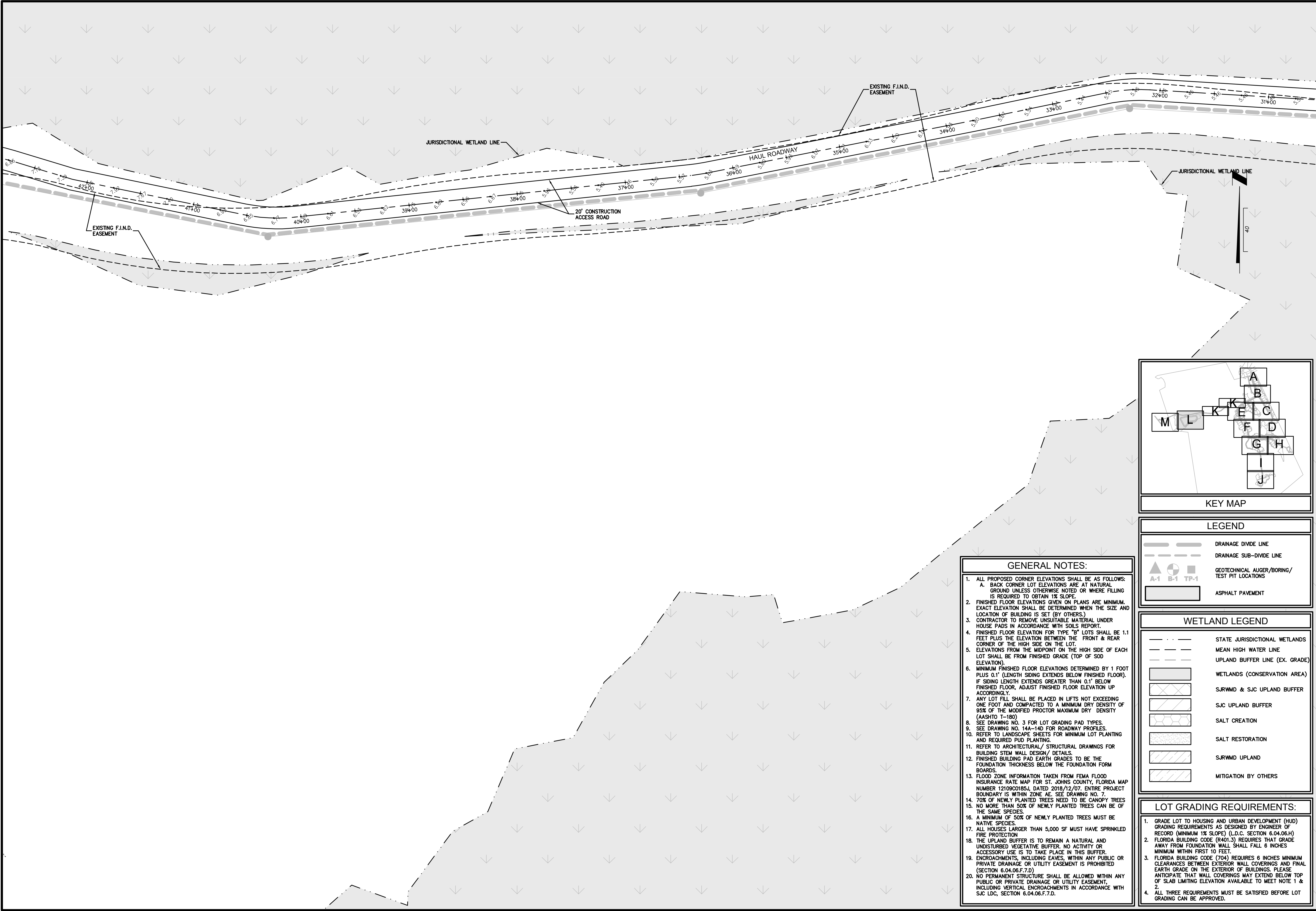
DRAWING NUMBER

6B

LYNDSAY KELLER

P.E. NUMBER: 77763

PLOTTED: July 26, 2023 - 8:44 AM, BY: Lyndsay Keller



LEGEND	
	DRAINAGE DIVIDE LINE
	DRAINAGE SUB-DIVIDE LINE
	GEOTECHNICAL AUGER/BORING/TEST PIT LOCATIONS
	ASPHALT PAVEMENT

WETLAND LEGEND	
	STATE JURISDICTIONAL WETLANDS
	MEAN HIGH WATER LINE
	UPLAND BUFFER LINE (EX. GRADE)
	WETLANDS (CONSERVATION AREA)
	SRWMD & SJC UPLAND BUFFER
	SJC UPLAND BUFFER
	SALT CREATION
	SALT RESTORATION
	SRWMD UPLAND
	MITIGATION BY OTHERS

LOT GRADING REQUIREMENTS:	
1.	GRADE LOT TO HOUSING AND URBAN DEVELOPMENT (HUD) GRADING REQUIREMENTS AS DESIGNED BY ENGINEER OF RECORD (MINIMUM 1% SLOPE) (L.D.C. SECTION 6.04.06.H)
2.	FLORIDA BUILDING CODE (R401.3) REQUIRES THAT GRADE AWAY FROM FOUNDATION WALL SHALL FALL 6 INCHES MINIMUM WITHIN FIRST 10 FEET.
3.	FLORIDA BUILDING CODE (704) REQUIRES 6 INCHES MINIMUM CLEARANCES BETWEEN EXTERIOR WALL COVERINGS AND FINAL EARTH GRADE ON THE EXTERIOR OF BUILDINGS. PLEASE ANTICIPATE THAT WALL COVERINGS MAY EXTEND BELOW TOP OF SLAB LIMITING ELEVATION AVAILABLE TO MEET NOTE 1 & 2.
4.	ALL THREE REQUIREMENTS MUST BE SATISFIED BEFORE LOT GRADING CAN BE APPROVED.

- GENERAL NOTES:**
- ALL PROPOSED CORNER ELEVATIONS SHALL BE AS FOLLOWS:
A. BACK CORNER LOT ELEVATIONS ARE AT NATURAL GROUND UNLESS OTHERWISE NOTED OR WHERE FILLING IS REQUIRED TO OBTAIN 1% SLOPE.
 - FINISHED FLOOR ELEVATIONS GIVEN ON PLANS ARE MINIMUM. EXACT ELEVATION SHALL BE DETERMINED WHEN THE SIZE AND LOCATION OF BUILDING IS SET (BY OTHERS.)
 - CONTRACTOR TO REMOVE UNSUITABLE MATERIAL UNDER HOUSE PADS IN ACCORDANCE WITH SOILS REPORT.
 - FINISHED FLOOR ELEVATION FOR TYPE "B" LOTS SHALL BE 1.1 FEET PLUS THE ELEVATION BETWEEN THE FRONT & REAR CORNER OF THE HIGH SIDE ON THE LOT.
 - ELEVATIONS FROM THE MIDPOINT ON THE HIGH SIDE OF EACH LOT SHALL BE FROM FINISHED GRADE (TOP OF SOD ELEVATION).
 - MINIMUM FINISHED FLOOR ELEVATIONS DETERMINED BY 1 FOOT PLUS 0.1' (LENGTH SIDING EXTENDS BELOW FINISHED FLOOR). IF SIDING LENGTH EXTENDS GREATER THAN 0.1' BELOW FINISHED FLOOR, ADJUST FINISHED FLOOR ELEVATION UP ACCORDINGLY.
 - ANY LOT FILL SHALL BE PLACED IN LIFTS NOT EXCEEDING ONE FOOT AND COMPACTED TO A MINIMUM DRY DENSITY OF 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (AASHTO T-180)
 - SEE DRAWING NO. 3 FOR LOT GRADING PAD TYPES.
 - SEE DRAWING NO. 14A-14D FOR ROADWAY PROFILES.
 - REFER TO LANDSCAPE SHEETS FOR MINIMUM LOT PLANTING AND REQUIRED PUD PLANTING.
 - REFER TO ARCHITECTURAL/ STRUCTURAL DRAWINGS FOR BUILDING STEM WALL DESIGN/ DETAILS.
 - FINISHED BUILDING PAD EARTH GRADES TO BE THE FOUNDATION THICKNESS BELOW THE FOUNDATION FORM BOARDS.
 - FLOOD ZONE INFORMATION TAKEN FROM FEMA FLOOD INSURANCE RATE MAP FOR ST. JOHNS COUNTY, FLORIDA MAP NUMBER 12109C01851, DATED 2018/12/07. ENTIRE PROJECT BOUNDARY IS WITHIN ZONE AE. SEE DRAWING NO. 7.
 - 70% OF NEWLY PLANTED TREES NEED TO BE CANOPY TREES
 - NO MORE THAN 50% OF NEWLY PLANTED TREES CAN BE OF THE SAME SPECIES
 - A MINIMUM OF 50% OF NEWLY PLANTED TREES MUST BE NATIVE SPECIES.
 - ALL HOUSES LARGER THAN 5,000 SF MUST HAVE SPRINKLED FIRE PROTECTION
 - THE UPLAND BUFFER IS TO REMAIN A NATURAL AND UNDISTURBED VEGETATIVE BUFFER. NO ACTIVITY OR ACCESSORY USE IS TO TAKE PLACE IN THIS BUFFER.
 - ENCROACHMENTS, INCLUDING EAVES, WITHIN ANY PUBLIC OR PRIVATE DRAINAGE OR UTILITY EASEMENT IS PROHIBITED (SECTION 6.04.06.F.7.D)
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ETM
VISION • EXPERIENCE • RESULTS

England • Thms & Miller, Inc.
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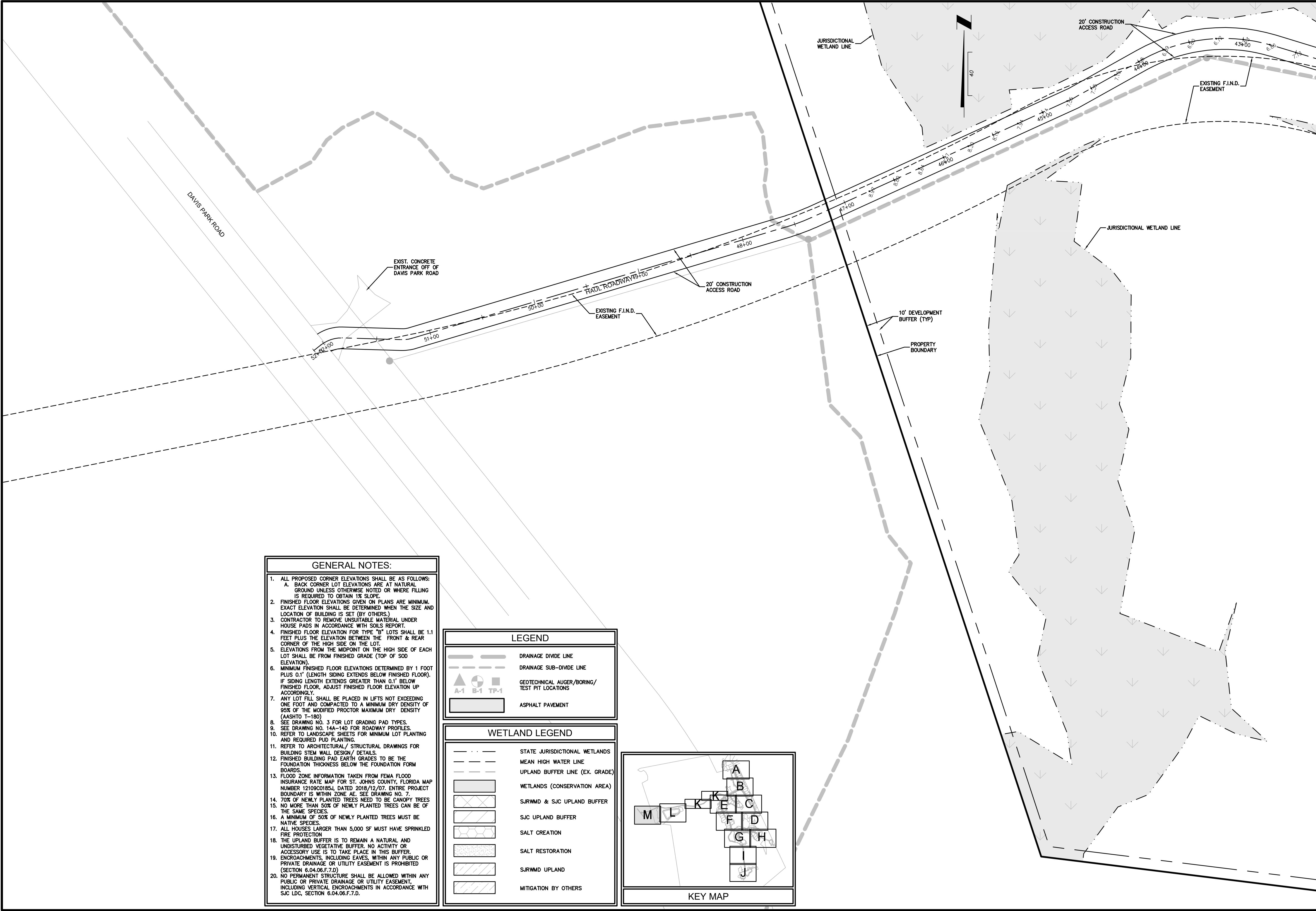
NEIGHBORHOOD GRADING PLAN
MARSH HARBOR SOUTH
FOR
CABBAGE HAMMOCK COMPANY, LLC

DRAWING NUMBER
10L

REVISIONS:
ETM NO. 14-213-03
DRAWN BY: MEW
DESIGNED BY: MEW
CHECKED BY: JAN
DATE: OCT 2022

PLANS PREPARED UNDER THE
DIRECTION OF:
LYNDSEY KELLER
P.E. NUMBER: 77763

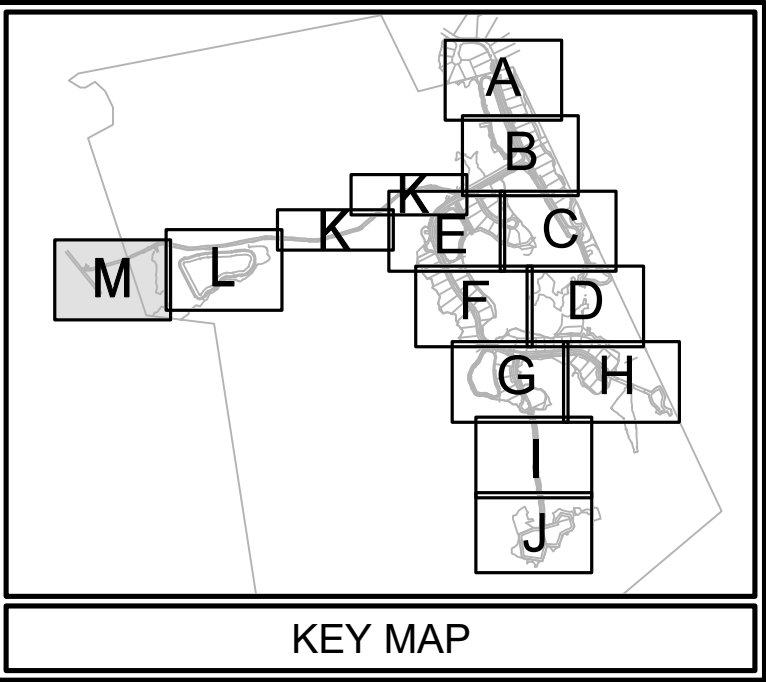
PLOTTED: July 26, 2023 - 8:49 AM, BY: Lyndsay Keller



- GENERAL NOTES:**
- ALL PROPOSED CORNER ELEVATIONS SHALL BE AS FOLLOWS:
A. BACK CORNER LOT ELEVATIONS ARE AT NATURAL GROUND UNLESS OTHERWISE NOTED OR WHERE FILLING IS REQUIRED TO OBTAIN 1% SLOPE.
 - FINISHED FLOOR ELEVATIONS GIVEN ON PLANS ARE MINIMUM. EXACT ELEVATION SHALL BE DETERMINED WHEN THE SIZE AND LOCATION OF BUILDING IS SET (BY OTHERS).
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 - ANY LOT FILL SHALL BE PLACED IN LIFTS NOT EXCEEDING ONE FOOT AND COMPACTED TO A MINIMUM DRY DENSITY OF 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (AASHTO T-180).
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 - FLOOD ZONE INFORMATION TAKEN FROM FEMA FLOOD INSURANCE RATE MAP FOR ST. JOHNS COUNTY, FLORIDA MAP NUMBER 12109C0185J, DATED 2018/12/07. ENTIRE PROJECT BOUNDARY IS WITHIN ZONE AE. SEE DRAWING NO. 7.
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LEGEND	
	DRAINAGE DIVIDE LINE
	DRAINAGE SUB-DIVIDE LINE
	GEOTECHNICAL AUGER/BORING/ TEST PIT LOCATIONS
	ASPHALT PAVEMENT

WETLAND LEGEND	
	STATE JURISDICTIONAL WETLANDS
	MEAN HIGH WATER LINE
	UPLAND BUFFER LINE (EX. GRADE)
	WETLANDS (CONSERVATION AREA)
	SJRWMD & SJC UPLAND BUFFER
	SJC UPLAND BUFFER
	SALT CREATION
	SALT RESTORATION
	SJRWMD UPLAND
	MITIGATION BY OTHERS



NEIGHBORHOOD GRADING PLAN

MARSH HARBOR SOUTH
FOR
CABBAGE HAMMOCK COMPANY, LLC

DRAWING NUMBER
10M

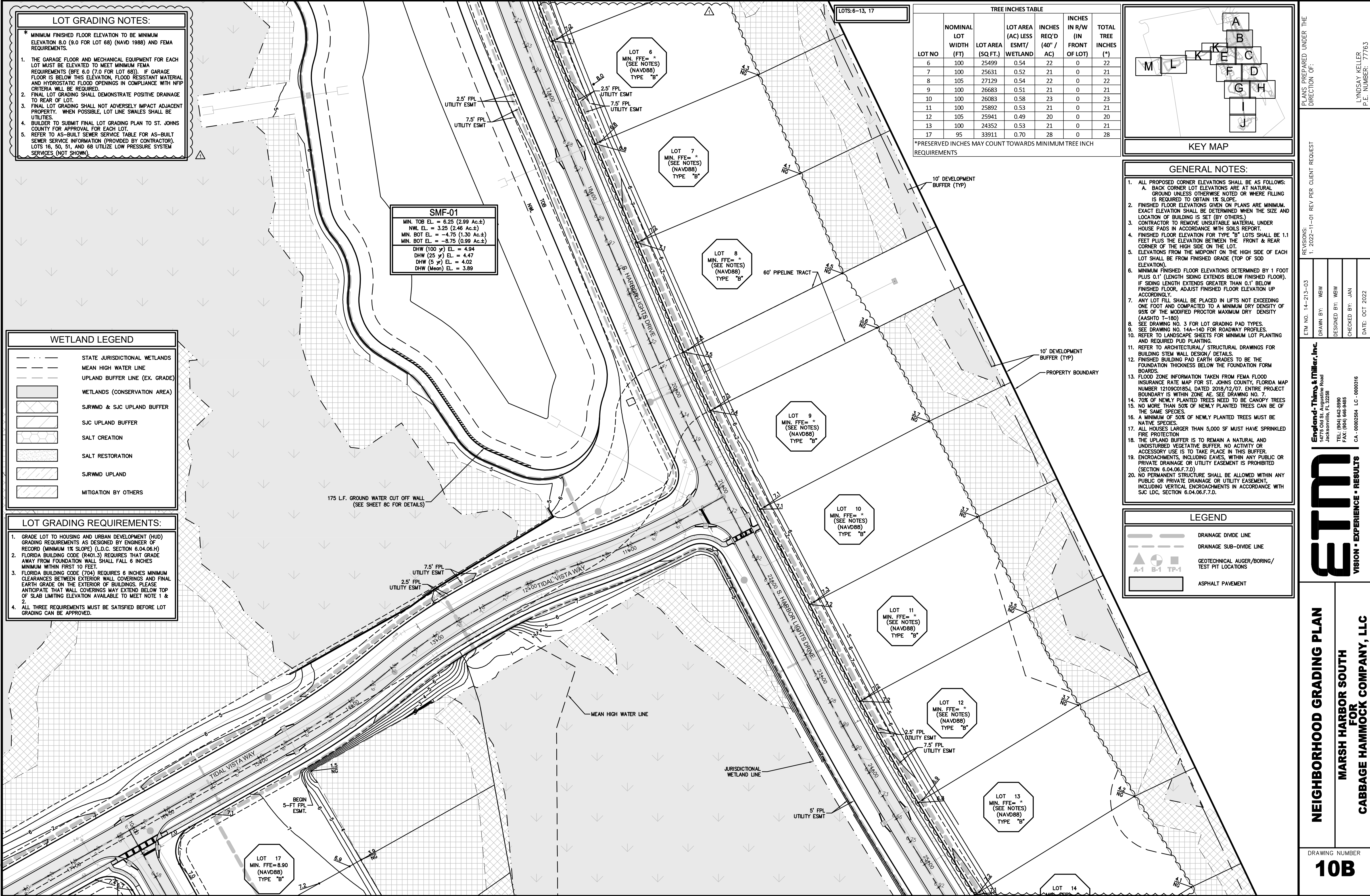
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PLANS PREPARED UNDER THE
DIRECTION OF:
LYNDSAY KELLER
P.E. NUMBER: 77763
PLOTTED: July 26, 2023 - 8:49 AM, BY: Lynsday Keller

REVISIONS:

ETM NO. 14-213-03	DRAWN BY: MEW
	DESIGNED BY: MEW
	CHECKED BY: JAN
	DATE: OCT 2022



LOT GRADING NOTES:

* MINIMUM FINISHED FLOOR ELEVATION TO BE MINIMUM ELEVATION 8.0 (9.0 FOR LOT 68) (NAVD 1988) AND FEMA REQUIREMENTS.

1. THE GARAGE FLOOR AND MECHANICAL EQUIPMENT FOR EACH LOT MUST BE ELEVATED TO MEET MINIMUM FEMA REQUIREMENTS (BFE 6.0 (7.0 FOR LOT 68)). IF GARAGE FLOOR IS BELOW THIS ELEVATION, FLOOD RESISTANT MATERIAL AND HYDROSTATIC FLOOD OPENINGS IN COMPLIANCE WITH NFIP CRITERIA WILL BE REQUIRED.
2. FINAL LOT GRADING SHALL DEMONSTRATE POSITIVE DRAINAGE TO REAR OF LOT.
3. FINAL LOT GRADING SHALL NOT ADVERSELY IMPACT ADJACENT PROPERTY. WHEN POSSIBLE, LOT LINE SWALES SHALL BE UTILIZED.
4. BUILDER TO SUBMIT FINAL LOT GRADING PLAN TO ST. JOHNS COUNTY FOR APPROVAL FOR EACH LOT.
5. REFER TO AS-BUILT SEWER SERVICE TABLE FOR AS-BUILT SEWER SERVICE INFORMATION (PROVIDED BY CONTRACTOR). LOTS 16, 50, 51, AND 68 UTILIZE LOW PRESSURE SYSTEM SERVICES (NOT SHOWN).

WETLAND LEGEND

---	STATE JURISDICTIONAL WETLANDS
---	MEAN HIGH WATER LINE
---	UPLAND BUFFER LINE (EX. GRADE)
[Pattern]	WETLANDS (CONSERVATION AREA)
[Pattern]	SJRWMD & SJC UPLAND BUFFER
[Pattern]	SJC UPLAND BUFFER
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[Pattern]	SALT RESTORATION
[Pattern]	SJRWMD UPLAND
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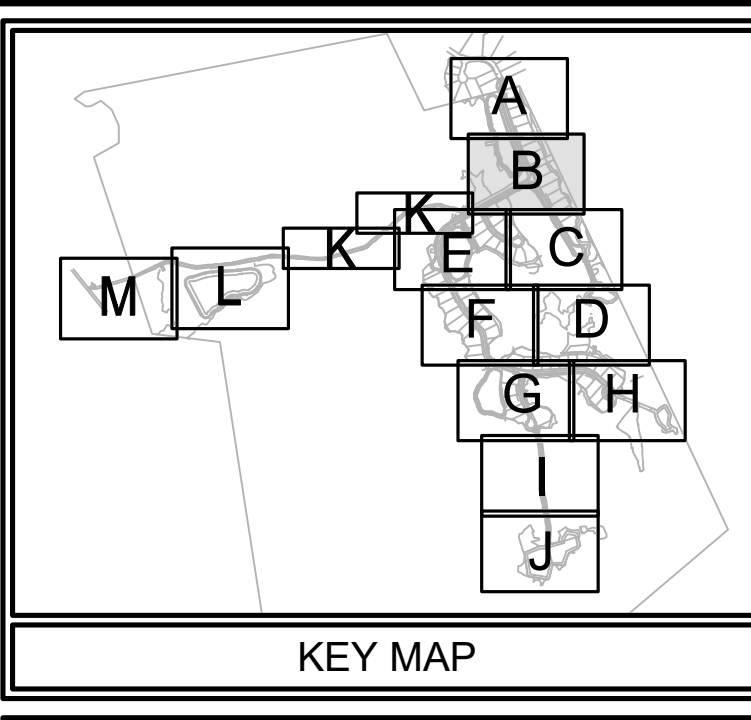
LOT GRADING REQUIREMENTS:

1. GRADE LOT TO HOUSING AND URBAN DEVELOPMENT (HUD) GRADING REQUIREMENTS AS DESIGNED BY ENGINEER OF RECORD (MINIMUM 1% SLOPE) (L.D.C. SECTION 6.04.06.H)
2. FLORIDA BUILDING CODE (R401.3) REQUIRES THAT GRADE AWAY FROM FOUNDATION WALL SHALL FALL 6 INCHES MINIMUM WITHIN FIRST 10 FEET.
3. FLORIDA BUILDING CODE (704) REQUIRES 6 INCHES MINIMUM CLEARANCES BETWEEN EXTERIOR WALL COVERINGS AND FINAL EARTH GRADE ON THE EXTERIOR OF BUILDINGS. PLEASE ANTICIPATE THAT WALL COVERINGS MAY EXTEND BELOW TOP OF SLAB LIMITING ELEVATION AVAILABLE TO MEET NOTE 1 & 2.
4. ALL THREE REQUIREMENTS MUST BE SATISFIED BEFORE LOT GRADING CAN BE APPROVED.

TREE INCHES TABLE

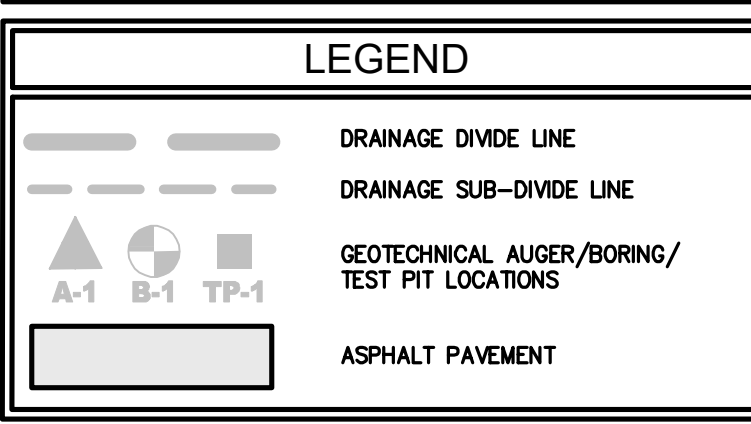
LOT NO	NOMINAL LOT WIDTH (FT)	LOT AREA (SQ.FT.)	LOT AREA (AC) LESS ESM/ WETLAND	INCHES REQ'D (40" / AC)	INCHES IN R/W (IN FRONT OF LOT)	TOTAL TREE INCHES (*)
6	100	25499	0.54	22	0	22
7	100	25631	0.52	21	0	21
8	105	27129	0.54	22	0	22
9	100	26683	0.51	21	0	21
10	100	26083	0.58	23	0	23
11	100	25892	0.53	21	0	21
12	105	25941	0.49	20	0	20
13	100	24352	0.53	21	0	21
17	95	33911	0.70	28	0	28

*PRESERVED INCHES MAY COUNT TOWARDS MINIMUM TREE INCH REQUIREMENTS



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PLANS PREPARED UNDER THE DIRECTION OF:

REVISIONS:

1.	2022-11-01	REV PER CLIENT REQUEST
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ETM NO. 14-213-03

DRAWN BY:	NEW
DESIGNED BY:	NEW
CHECKED BY:	JAN
DATE:	OCT 2022

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NEIGHBORHOOD GRADING PLAN

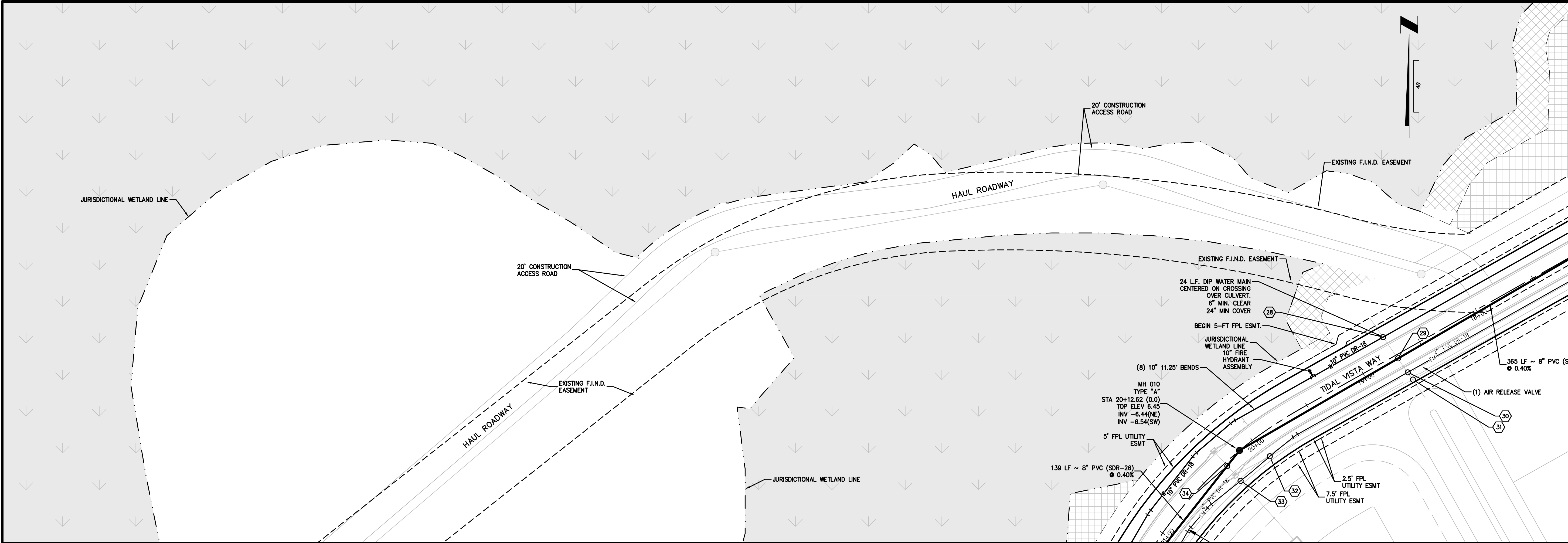
MARSH HARBOR SOUTH FOR CABBAGE HAMMOCK COMPANY, LLC

DRAWING NUMBER
10B

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PLOTTED: July 26, 2023 - 8:47 AM, BY: Lyndsay Keller

LYNDSAY KELLER
P.E. NUMBER: 77763



LEGEND

ASPHALT PAVEMENT

BACTERIOLOGICAL SAMPLING POINT

WETLAND LEGEND

STATE JURISDICTIONAL WETLANDS

MEAN HIGH WATER LINE

UPLAND BUFFER LINE (EX. GRADE)

WETLANDS (CONSERVATION AREA)

SURWMD & SJC UPLAND BUFFER

SJC UPLAND BUFFER

SALT CREATION

SALT RESTORATION

SURWMD UPLAND

MITIGATION BY OTHERS

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- CONTRACTOR SHALL VERIFY ALL UTILITY CROSSINGS ON RECORD DRAWINGS (INVERTS, LOCATIONS, SEPARATION, TOP OF PIPE AND GROUND ELEVATION).
- PER FDEP REQUIREMENTS, CONTRACTOR SHALL MAINTAIN 12" MINIMUM VERTICAL SEPARATION BETWEEN WATER MAIN CROSSINGS WITH REUSE MAINS, FORCE MAINS, SANITARY OR STORM SEWER EXCEPT WHERE DESIGN CONSTRAINTS EXIST AND THE MINIMUM OF 12" SEPARATION FOR WATER MAINS OVER STORM MAY BE ALLOWED. CONTRACTOR SHALL VERIFY CROSSINGS ON RECORD DRAWINGS (INVERTS, LOCATIONS AND SEPARATIONS). CONTRACTOR SHALL MAINTAIN 3' MINIMUM SEPARATION BETWEEN DRAINAGE AND REUSE FROM WATER MAINS. ALL DISTANCES MEASURES FROM OUTSIDE OF PIPE.
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- ALL FIRE HYDRANTS ARE PRIVATELY OWNED AND SHALL BE PAINTED RED.
- ALL STORMWATER/POTABLE WATER CROSSINGS SHALL BE CASE A OR CASE B (SEE DETAILS SHEET) UTILIZING MECHANICAL RESTRAINTS.
- ALL GATE VALVES SHALL HAVE A CAST IRON BOX AND SHALL BE LOCATED OUT OF PAVED AREAS, CURBS & SIDEWALKS UNLESS ACTUAL FIELD CONDITIONS PREVENT. ADDITIONAL FITTINGS SHALL BE INSTALLED ON WATER SYSTEM AS REQUIRED TO MEET MINIMUM SEPARATION REQUIREMENTS.
- CONSTRUCTION MATERIALS SHALL BE IN CONFORMANCE WITH JEA STANDARDS AND SPECIFICATIONS, LATEST EDITION.
- SANITARY CLEANOUTS IN PAVED AREAS SHALL BE TRAFFIC BEARING RATED AND FLUSH WITH PAVEMENT.
- CONTRACTOR TO COORDINATE WITH BUILDING PLUMBER PRIOR TO MAKING ALL UTILITY CONNECTIONS.
- REFER TO ARCHITECTURAL/MEP PLANS FOR ALL BUILDING AND PLUMBING DETAILS.
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PLANS PREPARED UNDER THE DIRECTION OF:

REVISIONS:

ETM NO. 14-213-03

DRAWN BY: NEW

DESIGNED BY: NEW

CHECKED BY: JAN

DATE: OCT 2022

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WATER SEWER PLAN

MARSH HARBOR SOUTH

FOR

CABBAGE HAMMOCK COMPANY, LLC

DRAWING NUMBER

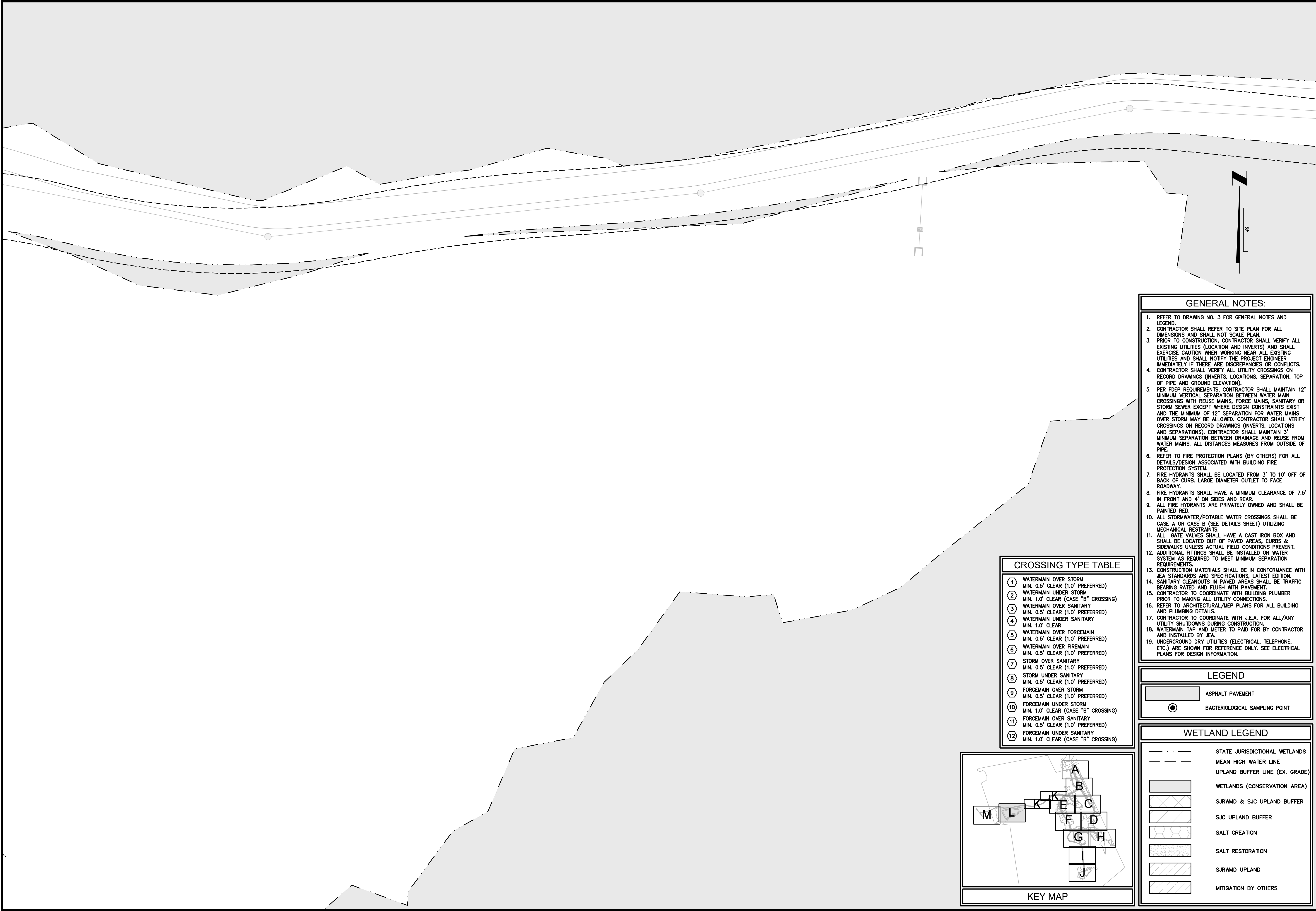
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LYNDSAY KELLER

P.E. NUMBER: 77763

PLOTTED: July 26, 2023 - 8:50 AM, BY: Lynsday Keller

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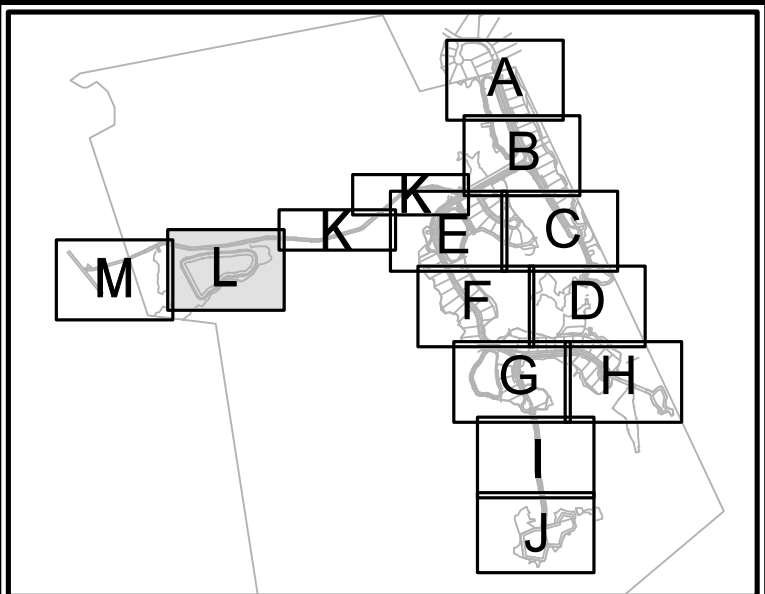
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LEGEND

	ASPHALT PAVEMENT
	BACTERIOLOGICAL SAMPLING POINT

WETLAND LEGEND

	STATE JURISDICTIONAL WETLANDS
	MEAN HIGH WATER LINE
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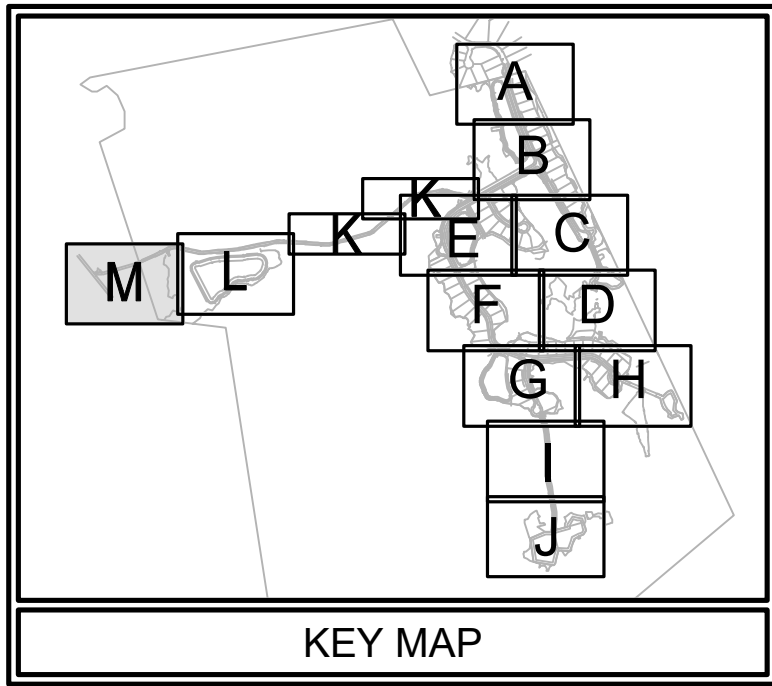
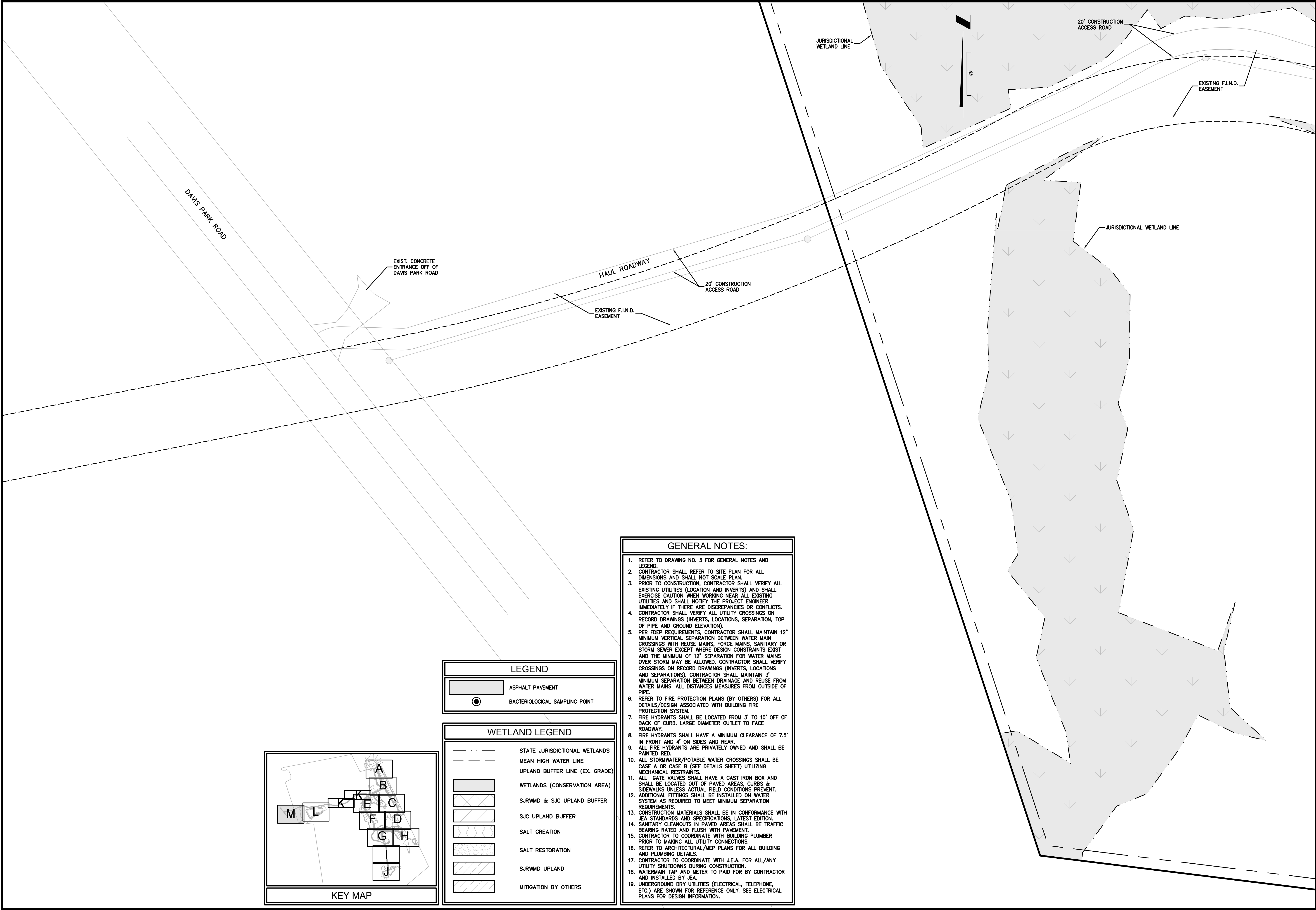
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LYNDSAY KELLER

P.E. NUMBER: 77763

PLOTTED: July 26, 2023 - 8:50 AM, BY: Lindsay Keller

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LEGEND	
	ASPHALT PAVEMENT
	BACTERIOLOGICAL SAMPLING POINT

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1. REFER TO DRAWING NO. 3 FOR GENERAL NOTES AND LEGEND.
 2. CONTRACTOR SHALL REFER TO SITE PLAN FOR ALL DIMENSIONS AND SHALL NOT SCALE PLAN.
 3. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES (LOCATION AND INVERTS) AND SHALL EXERCISE CAUTION WHEN WORKING NEAR ALL EXISTING UTILITIES AND SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY IF THERE ARE DISCREPANCIES OR CONFLICTS.
 4. CONTRACTOR SHALL VERIFY ALL UTILITY CROSSINGS ON RECORD DRAWINGS (INVERTS, LOCATIONS, SEPARATION, TOP OF PIPE AND GROUND ELEVATION).
 5. PER FDEP REQUIREMENTS, CONTRACTOR SHALL MAINTAIN 12" MINIMUM VERTICAL SEPARATION BETWEEN WATER MAIN CROSSINGS WITH REUSE MAINS, FORCE MAINS, SANITARY OR STORM SEWER EXCEPT WHERE DESIGN CONSTRAINTS EXIST AND THE MINIMUM OF 12" SEPARATION FOR WATER MAINS OVER STORM MAY BE ALLOWED. CONTRACTOR SHALL VERIFY CROSSINGS ON RECORD DRAWINGS (INVERTS, LOCATIONS AND SEPARATIONS). CONTRACTOR SHALL MAINTAIN 3' MINIMUM SEPARATION BETWEEN DRAINAGE AND REUSE FROM WATER MAINS. ALL DISTANCES MEASURES FROM OUTSIDE OF PIPE.
 6. REFER TO FIRE PROTECTION PLANS (BY OTHERS) FOR ALL DETAILS/DESIGN ASSOCIATED WITH BUILDING FIRE PROTECTION SYSTEM.
 7. FIRE HYDRANTS SHALL BE LOCATED FROM 3' TO 10' OFF OF BACK OF CURB. LARGE DIAMETER OUTLET TO FACE ROADWAY.
 8. FIRE HYDRANTS SHALL HAVE A MINIMUM CLEARANCE OF 7.5' IN FRONT AND 4' ON SIDES AND REAR.
 9. ALL FIRE HYDRANTS ARE PRIVATELY OWNED AND SHALL BE PAINTED RED.
 10. ALL STORMWATER/POTABLE WATER CROSSINGS SHALL BE CASE A OR CASE B (SEE DETAILS SHEET) UTILIZING MECHANICAL RESTRAINTS.
 11. ALL GATE VALVES SHALL HAVE A CAST IRON BOX AND SHALL BE LOCATED OUT OF PAVED AREAS, CURBS & SIDEWALKS UNLESS ACTUAL FIELD CONDITIONS PREVENT. ADDITIONAL FITTINGS SHALL BE INSTALLED ON WATER SYSTEM AS REQUIRED TO MEET MINIMUM SEPARATION REQUIREMENTS.
 13. CONSTRUCTION MATERIALS SHALL BE IN CONFORMANCE WITH JEA STANDARDS AND SPECIFICATIONS, LATEST EDITION.
 14. SANITARY CLEANOUTS IN PAVED AREAS SHALL BE TRAFFIC BEARING RATED AND FLUSH WITH PAVEMENT.
 15. CONTRACTOR TO COORDINATE WITH BUILDING PLUMBER PRIOR TO MAKING ALL UTILITY CONNECTIONS.
 16. REFER TO ARCHITECTURAL/MEP PLANS FOR ALL BUILDING AND PLUMBING DETAILS.
 17. CONTRACTOR TO COORDINATE WITH J.E.A. FOR ALL/ANY UTILITY SHUTDOWNS DURING CONSTRUCTION.
 18. WATERMAIN TAP AND METER TO PAID FOR BY CONTRACTOR AND INSTALLED BY JEA.
 19. UNDERGROUND DRY UTILITIES (ELECTRICAL, TELEPHONE, ETC.) ARE SHOWN FOR REFERENCE ONLY. SEE ELECTRICAL PLANS FOR DESIGN INFORMATION.

PLANS PREPARED UNDER THE DIRECTION OF:

REVISIONS:

ETM NO. 14-213-03

DRAWN BY: MEW

DESIGNED BY: MEW

CHECKED BY: JAN

DATE: OCT 2022

England-Thins & Miller, Inc.
14775 Old St. Augustine Road
Jacksonville, FL 32258
TEL: (904) 642-8890
FAX: (904) 646-9485
CA - 0002584 LC - 0000316

ETM
VISION • EXPERIENCE • RESULTS

WATER SEWER PLAN

MARSH HARBOR SOUTH FOR CABBAGE HAMMOCK COMPANY, LLC

DRAWING NUMBER

12M

LYNDSAY KELLER
P.E. NUMBER: 77763

PLOTTED: July 26, 2023 - 8:50 AM, BY: Lynsday Keller

THIS DOCUMENT PREPARED BY
AND RETURN TO:
NICHOLAS A. DYAL, ESQ.
GUNSTER, YOAKLEY & STEWART, P.A.
1 INDEPENDENT DRIVE, SUITE 2300
JACKSONVILLE, FLORIDA 32202

FIRST AMENDMENT TO PERPETUAL PIPELINE EASEMENT

THIS FIRST AMENDMENT TO PERPETUAL PIPELINE EASEMENT (this “**Amendment**”) is made effective as of _____, 2023 (the “**Amendment Date**”), by and between **CABBAGE HAMMOCK COMPANY, LLC**, a Delaware limited liability company, whose mailing address is 4310 Pablo Oaks Court, Jacksonville, Florida 32224 (“**Grantor**”), the **FLORIDA INLAND NAVIGATION DISTRICT**, a special taxing district under the laws of the State of Florida, whose post office address is _____, and **U.S. ARMY CORPS OF ENGINEERS** (collectively, “**Grantee**”).

RECITALS

A. Grantor granted to Grantee that certain Perpetual Pipeline Easement recorded in Official Records Book 3254, Page 878 of the public records of St. Johns County, Florida (the “**Pipeline Easement**”), providing Grantee with easements in, on, over and across the land described on Exhibit “A” to the Pipeline Easement (the “**Original Easement Area**”) for the construction, operation and maintenance of pipelines used in connection with transporting dredged material across the Original Easement Area.

B. Subject to the terms and conditions contained herein, Grantor and Grantee desire to amend the Pipeline Easement to relocate the easements described in the Pipeline Easement from the Original Easement Area to the land described on **Exhibit “A”** attached hereto (the “**Relocation Easement Area**”).

NOW, THEREFORE, in consideration of Ten and No/100 Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Grantor and Grantee amend the Pipeline Easement as follows:

1. **Recitals.** The foregoing recitals are true and correct and are incorporated herein by reference.

2. **Relocation of Easements.**

a. Effective as of the date of Substantial Completion of the Work (both as defined in Section 3 below):

i. The easements granted pursuant to the Pipeline Easement shall be automatically relocated from the Original Easement Area to the Relocation Easement Area, and Grantee waives, releases, and quit claims to Grantor all right, title and interest that Grantee has in and to the Original Easement Area under the Pipeline Easement; and

ii. Grantor grants, bargains, sells, and conveys to Grantee, and their respective assigns, the perpetual right and easement intermittently or continuously, to enter upon and to use any and all of the Relocation Easement Area in connection with the location, construction, operation, maintenance and use of the material disposal sites described in Exhibit “B” to the Pipeline Easement for the following purposes:

A perpetual and assignable easement and right-of-way in, on, over and across the Relocation Easement Area for the location, construction, operation, maintenance, alteration, repair, and patrol of pipelines to be used in connection with the transmission of dredged materials across the Relocation Easement Area; together with the right to trim, clear, cut, fell, remove, and dispose of any and all timber, trees, underbrush, buildings, improvements, obstructions, and other vegetation, structures, or obstacles within the limits of the Relocation Easement Area; the right to alter the grade of land from time to time; subject, however, to existing easements for public roads and highways, public utilities, railroads, and pipelines.

And the parties agree that the terms of that certain Agreement dated February 27, 1995, and recorded in Official Records Book 1097, page 1039 of the public records of St. Johns County, Florida (the “Agreement”) shall apply to the Relocation Easement Area, in addition to those lands that are currently subject to the Agreement.

SUBJECT TO:

1. Any claim that any part of the Relocation Easement Area is owned by the State of Florida by sovereignty and riparian rights, if any; and
2. Any and all rights of the United States of America over artificially filled lands in what were formerly navigable waters, arising by reason of federal control over navigable waters in the interest of navigation and commerce, and any conditions contained in any permit authorizing the filling in of such areas.
3. **Construction of Work; Termination of Amendment.**

a. Grantor or Grantor’s successors, assigns, designees or contractors shall relocate the existing pipeline within the Original Easement Area to the Relocation Easement Area (the “Work”) in substantial accordance with the construction plans dated October 2022, as prepared by ETM under ETM No. 14-213-03 (the index of which is attached hereto as on Exhibit “B”), as amended and as may be amended in Grantor’s sole and absolute discretion (provided that no material changes to such construction plans which materially and adversely affect the pipeline shall be made without Grantee’s prior written consent) (the “Construction Plans”). Subject to Force Majeure (as defined below), Grantor or Grantor’s successors, assigns, designees or contractors shall use its commercially reasonable efforts to Substantially Complete the Work within seven (7) years of the Amendment Date (the “Completion Date”); however, in no event shall the Completion Date be later than 10 years after the Amendment Date (the “Outside

Completion Date”). Prior to the Substantial Completion of the Work and the relocation of the easement from the Original Easement Area to the Relocation Easement Area, Grantee’s use of the Original Easement Area shall not be materially and adversely affected by the Work. Notwithstanding the foregoing, Grantee acknowledges and agrees that, as part of the Work, Grantor or Grantor’s successors, assigns, designees or contractors will be relocating the existing pipeline within the Original Easement Area to the Relocation Easement Area and that Grantor or Grantor’s successors, assigns, designees or contractors may provide temporary means of the transmission of dredged materials (including, but without limitation, by way of ditches and/or swales) as to the portions of the existing pipeline relocated to the Relocation Easement Area.

b. In the event that Grantor or Grantor’s successors, assigns, designees or contractors has not Substantially Completed the Work by the Completion Date (as extended on a day for day basis for any delays in completing the Work caused by Force Majeure, but subject to the Outside Completion Date), then on 30 days’ prior written notice to Grantor, Grantee may terminate this Amendment. In the event of such termination, this Amendment shall be null and void and of no further force or effect and the easements described in the Pipeline Easement shall automatically reinstated and relocated back to the Original Easement Area.

c. As used herein, “**Substantial Completion**”, “**Substantially Complete**” or the like shall mean the date that the Work has been completed in accordance with the Construction Plans and that the pipeline relocated to the Relocation Easement Area is operational, subject only to incomplete items which do not adversely affect in a material way or materially interfere with Grantee’s use of such pipeline. Following Substantial Completion, Grantor shall endeavor to confirm the date of Substantial Completion by sending an instrument, in recordable format, for Grantee’s prompt execution and delivery back to Grantor, provided, however, that (i) the enforceability of this Amendment, and (ii) the determination of the date of Substantial Completion of the Work and the relocation of the easement from the Original Easement Area to the Relocation Easement Area, in each case, shall not be affected should either party fail or refuse to execute such instrument.

d. As used herein, “**Force Majeure**” shall mean any of the following events or circumstances which creates an actual delay in the construction of the Work: acts of God, earthquakes, tornados, hurricanes and tropical storms, other inclement weather if more severe than that which should be anticipated reasonably from historical weather patterns for the period in question, fire, flood, insurrection, riots, strikes, lockouts, boycotts, picketing, labor disturbances, acts of the public enemy, terrorist attacks, war (declared or undeclared), landslides, explosions, epidemics or pandemics, compliance with any order, ruling, injunction or decree by any court, tribunal or judicial authority of competent jurisdiction, inability to obtain materials or supplies after the exercise of commercially reasonable efforts, and delays by governmental authorities in granting approvals and permits for the Work beyond normal timeframes as the date of this Amendment.

4. **Trail Road**. If and to the extent the easement areas subject to the Agreement for Grantee’s ingress and egress to the pipeline do not materially align with the location of the trail road as it is actually located and shown on the Construction Plans, then, upon written request delivered from Grantee to Grantor, Grantor shall reasonably cooperate with Grantee to provide

such other easements as may be necessary to align the ingress and egress easement under the Agreement to the actual location of the trail road.

5. **Notices.** All notices, requests, consents and other communications hereunder shall be in writing and shall be delivered, mailed by First Class Mail, postage prepaid, or overnight delivery service (e.g., Federal Express or UPS), to the other party, at the address set forth in the first paragraph of this Amendment, or such other address as the parties may specify by notice to the other party from time-to-time.

6. **Binding Effect.** This Amendment shall be binding upon and inure to the benefit of the parties hereto, and their respective successors and assigns, and shall be appurtenant to and binding upon and run with title to the parcels of land described herein.

7. **Counterparts.** This Amendment may be executed in counterparts, each of which shall be deemed an original document, and all of which together shall constitute a single document.

8. **Ratification.** This Amendment shall be deemed a part of, but shall take precedence over and supersede any provisions to the contrary contained in, the Pipeline Easement. Except as specifically modified hereby, all of the provisions of the Pipeline Easement that are not in conflict with the terms of this Amendment shall remain in full force and effect and Grantor and Grantee hereby ratify and confirm the Pipeline Easement in all respects.

[Remainder of page intentionally left blank]

Signed, sealed, and delivered
in the presence of:

FLORIDA INLAND NAVIGATION DISTRICT,
a special taxing district under the laws of the State of
Florida

(Print Name_____)

By: _____
Name: _____
Title: _____

(Print Name_____)

STATE OF _____)

)

COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 2023, by means of ☐ physical presence or ☐ online notarization, by _____, the _____ of **THE FLORIDA INLAND NAVIGATION DISTRICT**, a special taxing district under the laws of the State of Florida, on behalf of the district.

Print Name _____
NOTARY PUBLIC
State of _____ at Large
Commission # _____
My Commission Expires:
Personally known _____ or
Produced I.D. _____
[Check one of the above]
Type of Identification Produced _____

Signed, sealed, and delivered
in the presence of:

U.S. ARMY CORPS OF ENGINEERS

(Print Name_____)

By: _____
Name: _____
Title: _____

(Print Name_____)

STATE OF _____)
_____))
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 2023, by means of ☐ physical presence or ☐ online notarization, by _____, the _____ of **U.S. ARMY CORPS OF ENGINEERS**.

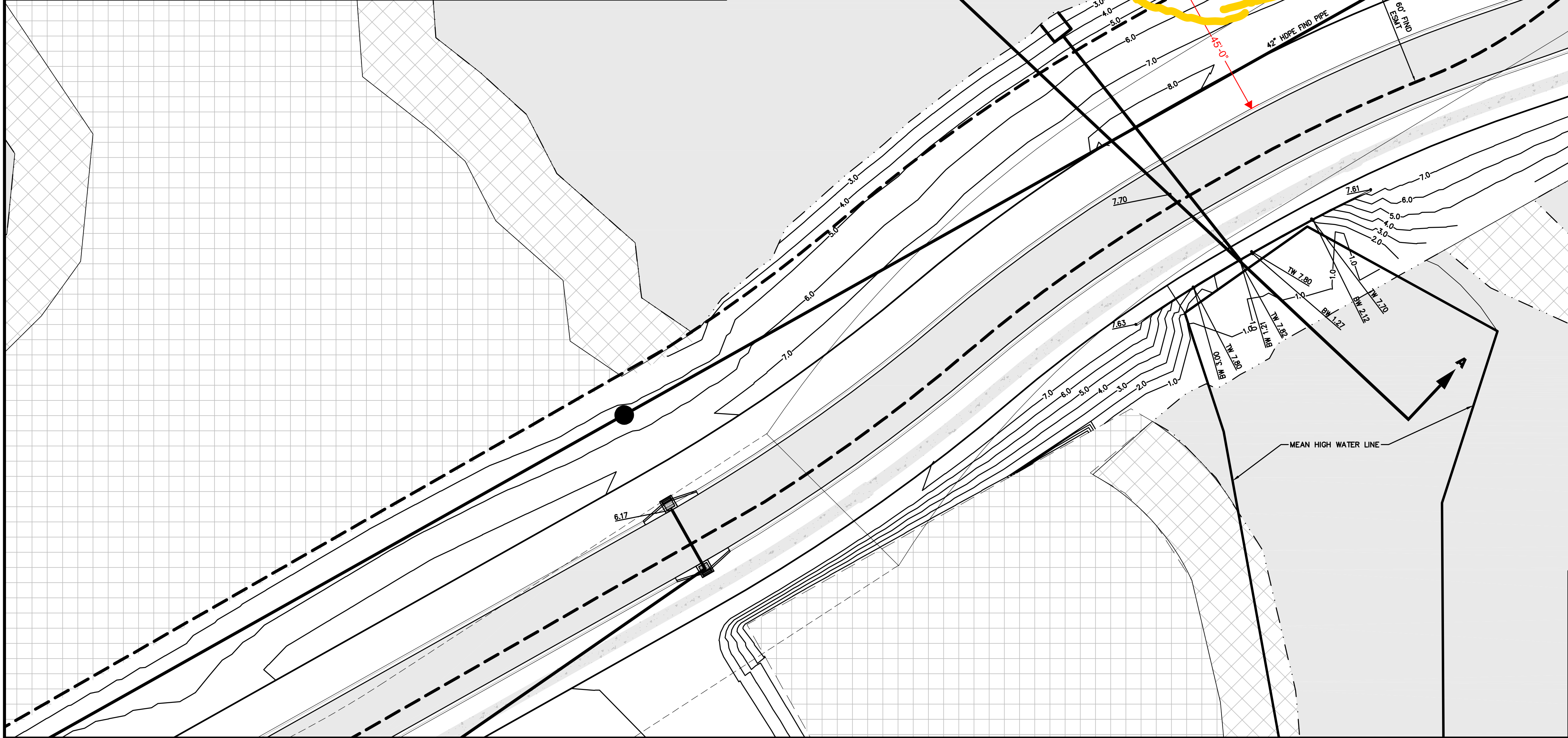
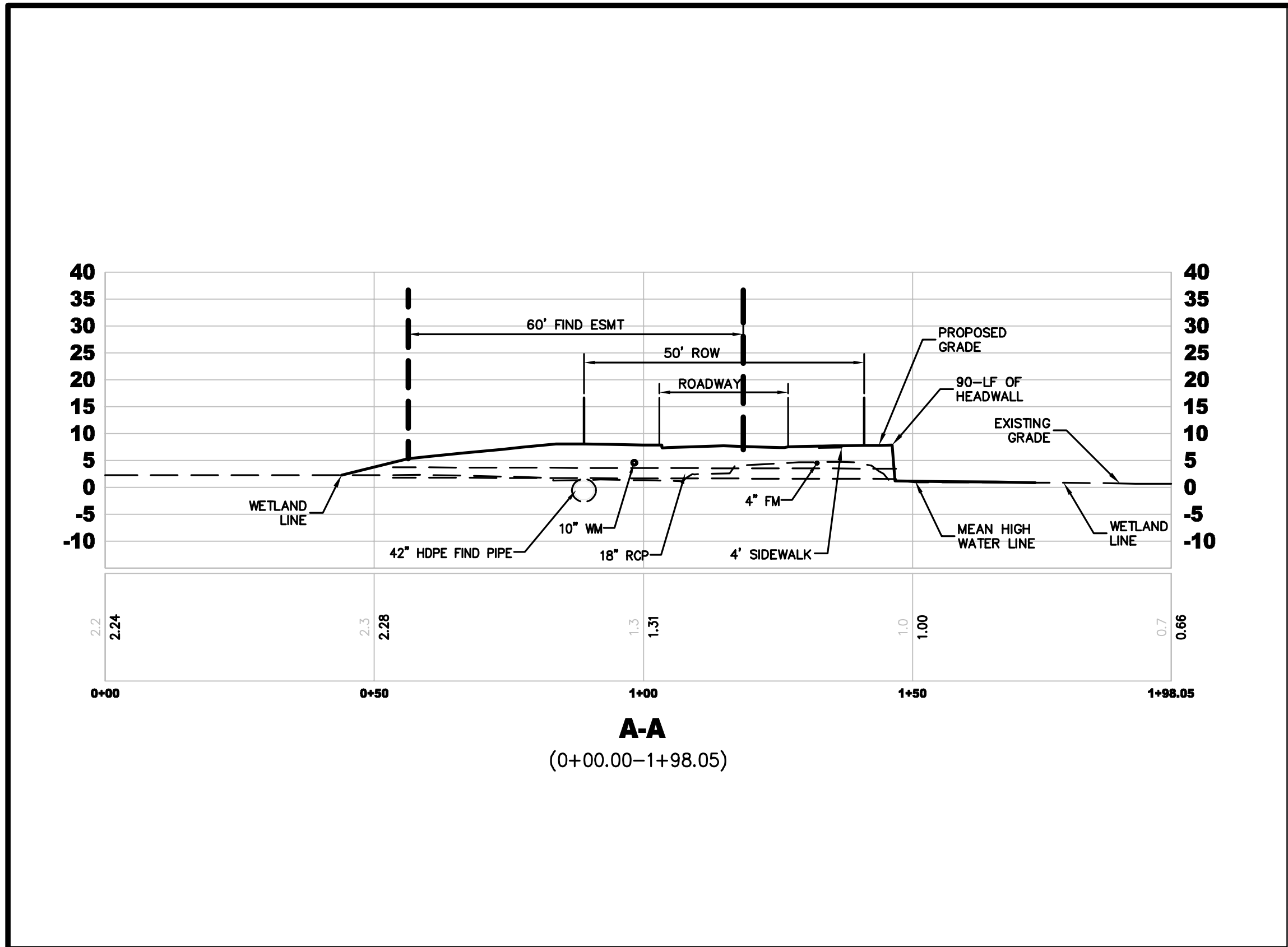
Print Name_____
NOTARY PUBLIC
State of _____ at Large
Commission # _____
My Commission Expires:
Personally known _____ or
Produced I.D. _____
[Check one of the above]
Type of Identification Produced

EXHIBIT “A”
RELOCATION EASEMENT AREA

EXHIBIT “B”

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4	4	DEMOLITION PLAN	
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55	11	MASTER UTILITY PLAN	
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75	15A	PUMP STATION PLAN	
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77	15C	PUMP STATION LANDSCAPE PLAN	
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**MARSH HARBOR SOUTH
PONTE VEDRA, FLORIDA**

England-Thims & Miller, Inc.
1411 Edgewater Drive, Suite 200
Orlando, FL 32804

TEL: (407) 536-5379

CA - 00002584 LC - 0000316

Regional Administrator of the NMFS regarding this issue and the USACE's position. She listed the items included in the District's proposed RGP. She stated that these conclusions are correct because the science and evidence supports this RFP. She stated that USACE will issue a final decision on the RGP by April 29, 2016.

Commissioner Chappell suggested that FIND send a letter to Congresswoman Frankel thanking her for her efforts on this and advising her about Ms. White's progress.

ITEM 12. Pipeline Easement Relocation and Reconstruction, Dredged Material Management Area SJ-14, St. Johns County, Florida.

Ms. Zimmerman stated that Commissioner O'Steen has a Conflict of Interest for: Item 12, The Pipeline Easement Relocation and Reconstruction, Dredged Material Management Area SJ-14, St. Johns County project. She read the following into the Minutes: Commissioner O'Steen stated that he is the Director of Planning and Development for The PARC Group, Inc. The Park Group Inc., is the Master Developer for Marsh Harbor South and the company could receive a "special private gain" from this project. He completed Form 8B, Memorandum of Voting Conflict for County, Municipal, and Other Local Public Officers, which will be attached to and become part of the official April 16, 2016 Board Meeting Minutes.

Mr. Crosley stated that the PARC Group, owners of land adjacent to the District's Dredged Material Management Area (DMMA) SJ-14, have approached the District to realign the current pipeline easement for this site. This activity will also necessitate reconstruction of portion of the existing pipeline. PARC Group will handle all costs and construction administration for this project. The District will solicit a scope of work and fee quote from Taylor Engineering, reimbursable by the PARC Group, to coordinate this activity.

Mr. Crosley stated that staff, Attorney Breton and the Parc Group are currently working on the agreement and once executed, a Work Order to Taylor Engineering will be brought to the Board for approval. The Navigation District will pay the invoices and be reimbursed by the Parc Group.

Treasurer Netts asked what assurance the District has that this work will be done according to Taylor Engineering's specifications. Mr. Crosley stated that Taylor Engineering will provide the specifications and will be overseeing the project.

Mr. Adams stated that Taylor Engineering has provided the Parc Group the specifications of the original pipeline that is currently installed at this site, with the recommendation that they follow those specifications for this project. Parc Group's engineer is England-Thims & Miller, Inc. (ETM). ETM will be developing the new pipeline specifications. Taylor Engineering will review and comment on those specifications and the field work.

Attorney Breton stated that once the project has been completed and Taylor Engineering has signed off on the work, a one-year warranty on the pipeline design, workmanship and materials will begin.

Treasurer Netts asked at the end of the project, will the District have the appropriate easement and access to this pipeline. Attorney Breton answered yes.

Commissioner Dritenbas made a motion to approve the easement relocation and pipeline reconstruction for DMMA SJ-14, St. Johns County, Florida. The motion was seconded by Treasurer Netts. Chair Blow asked for discussion.

Chair Blow stated that it appears that a portion of the easement is on the boundary of Lot's 8 and 9. Mr. Brad Weaver from ETM stated the in 2006 Marsh Harbor was being

developed by another developer and that developer shifted the easement between lots 8 and 9. Parc Group is not asking to shift that portion of the pipeline or easement.

Chair Blow stated that those lots are 100 feet-wide with a 30-foot easement on each. Mr. Weaver stated that lots 8 and 9 are substantially wider than the other waterfront lots.

Attorney Breton stated that if lots 8 and 9 have not been conveyed-out to lot purchasers, one of the District's conditions of approval could be that when sold, the deed includes specific language that boldly calls-out this pipeline easement and the easement recording documentation. This easement not only involves a buried pipeline, it also allows the dredger to lay his pipeline on the ground in the easement area.

Commissioner Sansom stated that the District should also require that during the survey process that this easement is specifically marked.

Commissioner O'Steen stated that the easement information could be included as part of the disclosure document at the time of sale. He stated that Marsh Landing will be a private community with an Architecture Review Board (ARB).

Mr. Crosley noted that in Palm Beach County, all easements are recorded and permits are not issued for construction in a recorded easement area.

Commissioner Dritenbas amended the motion to include Attorney Breton's recommendation to include a specific easement notification on the property deed and survey. The amended motion was seconded by Treasurer Netts.

Commissioner Donaldson clarified and stated that this easement relocation is adjacent to a roadway and part of the community common area. FIND is requesting additional language on lots 8 and 9, that are unaffected by this transaction, other than the property owner happens to be at this meeting.

Secretary McCabe questioned why we are discussing lots 8 and 9 when this item is for the relocation of the easement area away from those lots. Attorney Breton stated that this will be two agreements. One for the easement and pipeline relocation and one for the documentation of the easement on Lots 8 and 9 during sale and property ownership.

Secretary McCabe stated that if the deeds for Lots 8 and 9 that were issued 2009 for the easement re-alignment do not contain the language that the Board has discussed, then she understands why FIND is discussing this at this time. She commented that her understanding is that what is being said is that once Parc Group transfers the deeds the next time, then the new deed language would be included.

Commissioner O'Steen stated that the development plans are currently being changed from the original development plan. The project has not been approved or permitted by the county. Mr. Crosley asked if the impacted lots can have the newly discussed language added. Commissioner O'Steen answered yes.

Secretary McCabe asked to hear exactly what the motion will say.

Mr. Crosley stated that the motion is for approval of an easement relocation and pipeline reconstruction, with additional deed language specifically making it subject to this pipeline easement by official record book and page citation for Lots 8 and 9 for DMMA SJ-14, St. Johns County.

Chair Blow asked for discussion. Hearing none, a vote was taken and the motion and amended motion passed. Commissioner O'Steen abstained from voting.

DMMA SJ-14

with pipeline easement

Legend
153

SJ-14

SJ-9

3000 ft

N

WATERFRONT RECREATION ACCESS PLAN

A VISION FOR MIAMI-DADE COUNTY'S WATERWAYS



EXECUTIVE SUMMARY

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DANIELLA LEVINE CAVA
Mayor

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Vice-Chairman

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GERI BONZON-KEENAN
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STAFF

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Executive Director

GLENN SCAMBLER, CPA

Finance Director

CARLY CAHUR

Office Manager / Executive Assistant

JANET ZIMMERMAN

Assistant Executive Director

IAN EYEINGTON

Project Manager

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F.I.N.D.

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JASON CUMMINS

Marine Council

CATHERINE GRAY

Miami-Dade County Division of Environmental Resources Management

KATHERINE HAGEMANN

Miami-Dade County Department of Regulatory and Economic Resources

WILLIAM D. TALBERT, III

Downtown Development Authority

MARIA I. NARDI
Miami-Dade County Parks, Recreation and Open Spaces Department (Director)

BRETT BIBEAU
Miami River Commission

ADAM GELBER
U.S. Department of Interior

DON PYBAS
UF IFAS Extension Agent Emeritus

WILSON FERNANDEZ
Miami-Dade Transportation Planning Organization

KARYN CUNNINGHAM
Village of Palmetto Bay (Mayor)

TIM MEERBOTT
Town of Cutler Bay (Mayor)
MAJOR ALFREDO ESCANIO
Florida Fish and Wildlife Conservation Commission

PENELOPE DEL BENE
Biscayne National Park

FOCUS GROUPS AND PARTICIPANTS

Marina Managers/The Marine Council,
Julie Sack
Allied Marine Industries/The Marine Council,
Julie Sack
Passenger Vessel Association (Charter/
Commercial Vessels), Bob Bijur
Marina Partners, Perry Perez
Environmental Non-Profits, Stephanie Cornejo
Sailing and Keelboats, Baird Lobree
Outdoor Adventures, Paul Vitro
Jason Cummins
Kitty McGowan
Michael Karcher
Donald Worth
Patience Cohn
Fanny Navarro
Heather Tedlow
Baird Lobree
Theodora "Theo" Long
Augie Diaz
Paola Fereir
Magnus G. Liljedahl
Alex Rose
Jose "Joey" Godoy
Mark A. Ingraham
Melissa Abdo
Seth Bloomgarden
Marlene Marin
Alexandra Davis
Thomas C. McCormick
Mike Gibaldi
Gonzalo Crivello
Carlos Lopez
James Liebl
Collin Schladweiler
Esther Reyes
Christopher Hernandez
Sherri Fisher
Jody Cox
Cathy Herring
David Henderson
Mark Heinicke
Esther Alonso Luft
Charles Kropke
Chris Rupp
Oscar Ortiz

Leo Villar
Rachel Silverstein
Thomas Reinert
Yoelly Burgos-Munoz
Tommy Salleh
Ernie Lynk
Ted Perron
Chantel Victor
Mike McCrink
Robert McQueeney
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David Smyth
Ed Swakon
Orlando Gianluca
Joan Guerra
Marieke van Peer
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Erik Jarnryd
Bob Bijur
Nel Martinez
Jules Robinson
Wayne Conn
Eddie Valez
Water Taxi Miami
Jimbo Thomas
Ray Roshen
T. Spencer Crowley, III

SPECIAL CONTRIBUTIONS – MIAMI-DADE COUNTY PARKS, RECREATION AND OPEN SPACES DEPARTMENT

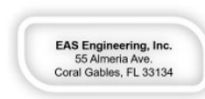
Stephanie Cornejo
Alejandro Zizold
Natalia Neira
Rachael Kardys
Carlos Lopez
Tom Morgan
Kathy Haley
Joe Cornely
Mark Richard
Jennifer Tisthammer
Alexandra Davis

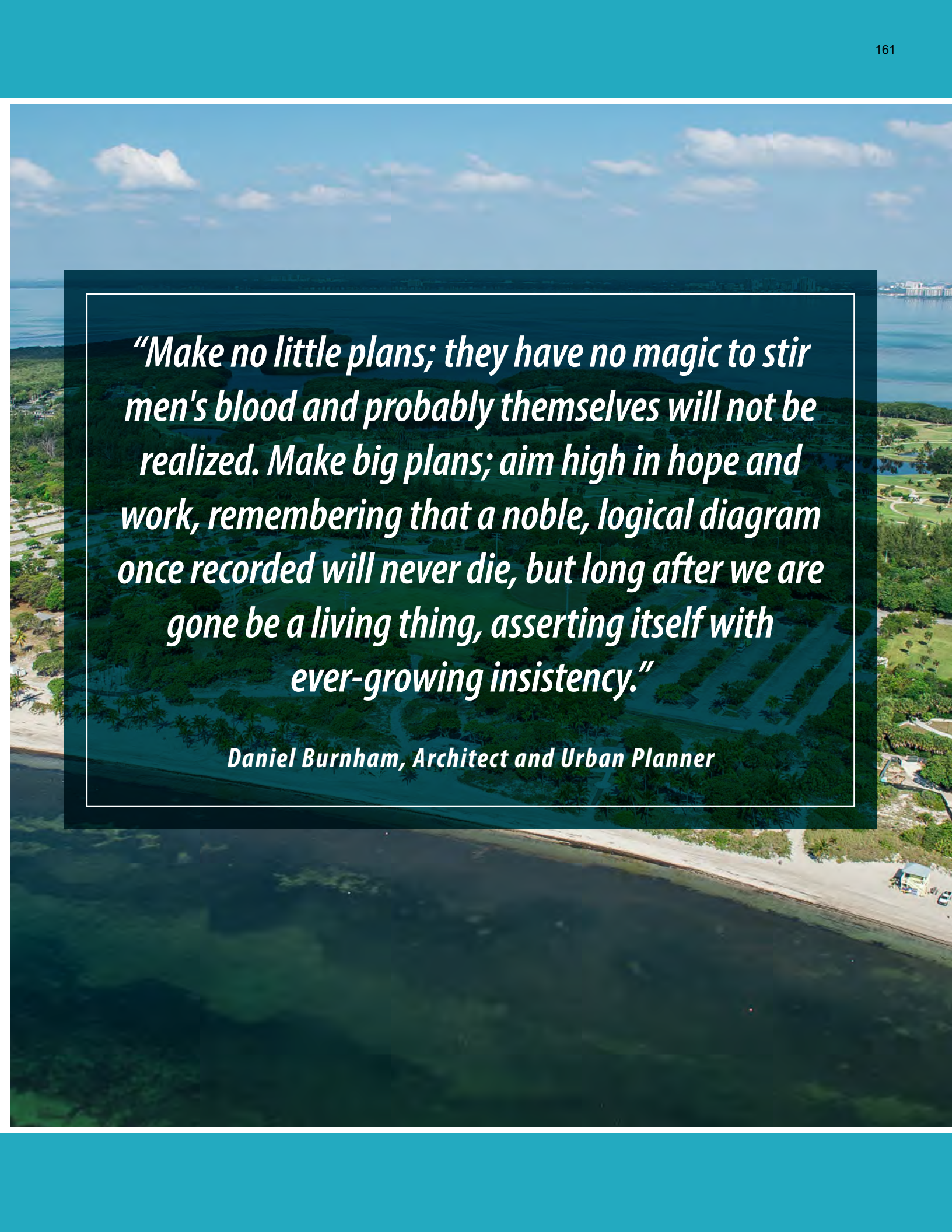
Paul Vitro
Jennifer Stern
Dorothy Mills-Mayers
Michael Zimmer
Fanny Navarro
Darren Nutting
Princess Usanga
Nikki Anderson
Jay Bogaards
Keria Rebutillo

CONSULTANT TEAM

PROS Consulting
Leon Younger
Jack Kardys
Austin Hochstetler
Sarah Durham
The Balmoral Group
Valerie Seidel

EAS Engineering, Inc.
Ed Swakon
Planning Solutions Corp
Beth Lemke



An aerial photograph of a tropical coastline, showing a sandy beach, turquoise water, and lush green vegetation. A dark blue rectangular overlay with a white border is positioned in the center, containing a quote in white italicized text. The background image shows a wide beach, a line of palm trees, and a body of water under a blue sky with scattered clouds.

“Make no little plans; they have no magic to stir men's blood and probably themselves will not be realized. Make big plans; aim high in hope and work, remembering that a noble, logical diagram once recorded will never die, but long after we are gone be a living thing, asserting itself with ever-growing insistency.”

Daniel Burnham, Architect and Urban Planner



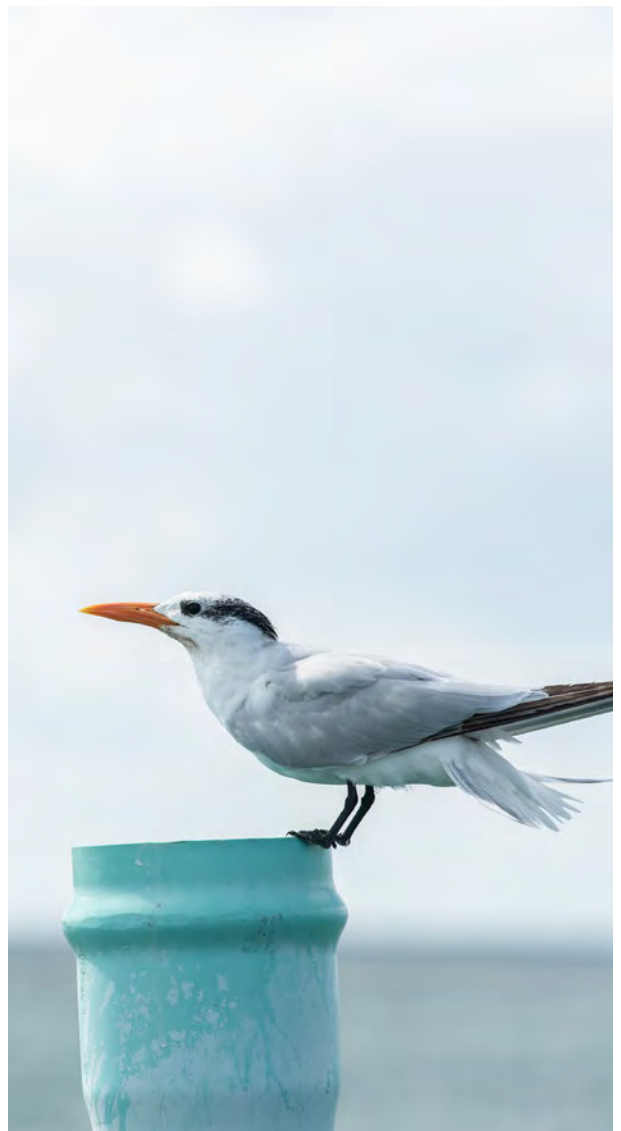
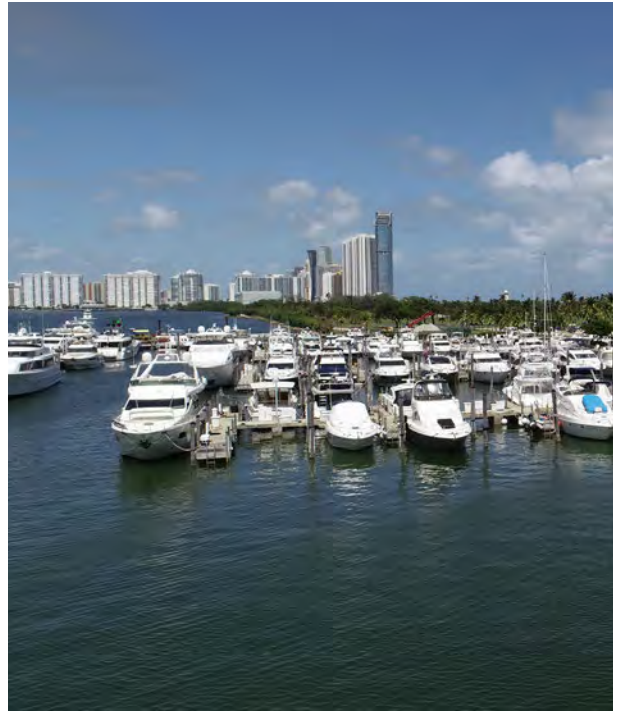
MISSION

The mission of the Florida Inland Navigation District is to perform the functions of the “local sponsor” of the Atlantic Intracoastal Waterway project in Florida, a State/Federal navigation project. In this capacity the District provides all lands required for the navigation project including rights of way and lands for the management of dredged materials removed from the waterway channel during dredging activities. The District is the local navigation sponsor of the Okeechobee Waterway (OWW) in Palm Beach and Martin County.

The Florida Inland Navigation District was created by the Florida Legislature in 1927, by Chapter 12026 Laws of Florida to be the state sponsor of the Atlantic Intracoastal Waterway in Florida. This law authorized the Navigation District to purchase the existing East Coast Canal that had previously been constructed by private interests and which ran from Jacksonville to Miami. The Navigation District purchased the Canal in 1928 and it became the public waterway known as the Atlantic Intracoastal Waterway in Florida.

Today, the Navigation District’s responsibilities can be found under Chapter 374 of the Florida Statutes. This law states that the principal function of the Navigation District as the state sponsor of the Waterway is to furnish to the United States of America, the federal sponsor of the waterway, all lands required by them to construct, operate and maintain the Waterway. Additionally, the Legislature authorized the Navigation District to perform Waterway projects on behalf of the United States as well as working with other governmental agencies to provide waterway access for our mutual constituents.

The Navigation District consists of the twelve counties along the east coast of Florida from Nassau through Miami-Dade County. The Governor appoints a commissioner from each county to serve on the Navigation District’s Board of Commissioners. The Board levies a real property tax on all property within the District’s boundaries to generate the funds necessary to fulfill the District’s responsibilities.





MISSION

Connecting People and Parks for Life.

The Miami-Dade County Parks, Recreation and Open Spaces Department (MDPROS) operates as both a countywide park system serving 2.8 million residents and as a local parks department for the unincorporated area serving approximately 1.2 million residents. Serving the seventh largest county in the U.S., the Department acquires, plans, designs, constructs, maintains, programs and operates County parks and recreational facilities; provides summer camps, afterschool and weekend programs for youth; manages 44 competitive youth sports program partners; provides programs for active adults, seniors and people of all abilities; and provides unique experiences at Zoo Miami and seven Heritage Parks: Crandon, Deering Estate, Fruit and Spice, Greynolds, Haulover, Homestead Bayfront and Matheson Hammock Park. MDPROS provides various community recreational opportunities including campgrounds, nearly 17 miles of beaches, 305 tennis, volleyball, and basketball courts, 200 athletic fields, an equestrian center, picnic shelters, playgrounds, fitness zones, swimming pools, golf courses, recreation centers, playgrounds, sports complexes, a gun range, an archery range, skating rinks, and over 172 miles of walking, hiking, and bicycle trails.

The Department manages over 26,000 acres of environmentally endangered lands and natural areas. In addition, MDPROS offers environmental experiences through five nature centers, preserves and Eco-Adventure programs. The Department provides education in agriculture, sustainable gardening, marine science, food and nutrition through Agriculture and Cooperative Extension services.

MDPROS is the single largest provider of waterway access for boating and shoreline enjoyment in Miami-Dade County. With six full-service marinas designated as “Clean Marinas” by the Florida Department of Environmental Protection and six certified Marina Managers through the Association of Marine Industries, the MDPROS Marina Enterprise includes:

- 2 rack dry storage (600 space capacity)
- 4 surface dry storage areas (272 space capacity)
- 4 restaurants
- 6 public boat ramps (653 space capacity)
- 6 fuel docks and bait and tackle operations
- 32 commercial charter slips
- 87 moorings
- 1,068 wet slips
- 1,459 marina boat slips

MDPROS also maintains 55.25 miles of recreational waterfront shoreline along beaches, canals, and lakes for swimming, fishing, nature watching, meditation, and other non-boating water activities. With 14 canoe, kayaking, and paddleboard launches, the Department offers a variety of opportunities to access Miami-Dade County’s waterways. In addition, MDPROS plans for 500 miles of greenways with more than 75 miles of corresponding South Florida Water Management District and Miami River waterways connecting from Biscayne Bay to the Everglades.





Dear Residents, Visitors, and Partners,

Perhaps the single most important element that drives Miami-Dade County's identity and quality of life is our access to and enjoyment of the waterfront---Biscayne Bay, the Intracoastal Waterway, rivers, canals, lakes, and our beaches. These represent the most recognized recreational, environmental and economic resources found anywhere in the world!

Miami-Dade County and its waterways are home to two national parks, a national marine sanctuary, a state aquatic preserve, and a host of other national, state, and locally managed areas which require balancing public access with vigilant resource protection. The effects of sea level rise, flooding, and coastal storm surge continues to heighten Miami-Dade County's awareness of the three-pronged threat to Biscayne Bay's shoreline and inland waterbodies.

In recognition of our community's reliance on a water-based quality of life, the Florida Inland Navigation District (FIND) has partnered with the Miami-Dade County Parks, Recreation and Open Spaces Department (MDPROS) to develop the Waterfront Recreation Access Plan, a strategic waterways master plan built upon Miami-Dade County's Parks and Open Space System Master Plan (OSMP) that unifies in a single document the balance for recreational waterfront access that reflects a robust marine-related economy, environmental protection and climate resilience.

In the following pages you will find a series of recommendations, research and case studies that prioritize our collaborative efforts on behalf of our waterways and the waterfront. The planning process included public workshops, focus groups, stakeholder interviews, and a public needs assessment survey supported by a multidisciplinary planning and design team under the direction of MDPROS and PROS Consulting and guided by a diverse 20-member Steering Committee, to understand the history, current features, existing projects, challenges and opportunities related to recreational waterfront access.

The Waterfront Recreation Access Plan is a living document that provides a blueprint and implementation plan for the future of our waterfront. We wish to extend our sincere thanks to residents, professionals, stakeholders and the marine business community for your help in producing this exceptional waterfront plan--thank you for joining us in this transformative work.

Sincerely,

Maria I. Nardi, Director, MDPROS and T. Spencer Crowley III, Commissioner, FIND





INTRODUCTION

WHY DO WE NEED A UNIFIED WATERFRONT MASTER PLAN?

Throughout the nation and especially in Florida, the last twenty years has seen local governments and private interests slowly conceded access points to non-water dependent and restricted private interests. Essentially, many existing publicly and privately owned accessible marinas, boatyards and boat ramps in Florida have ceased operation or were simply displaced by non-water dependent private land uses for housing and commercial development. Unfortunately, this reduction in supply has come at a time of increasing demand by increased resident and tourist populations in coastal counties and an ever-increasing number of registered recreational boats, both resident and transient, leading to a growing conflict between waterfront access demand and supply. Add to this a declining marine environment, the impact of sea level rise and storm surge risk, and Miami-Dade's need for a strategic, enduring, and comprehensive plan of action is unambiguous.

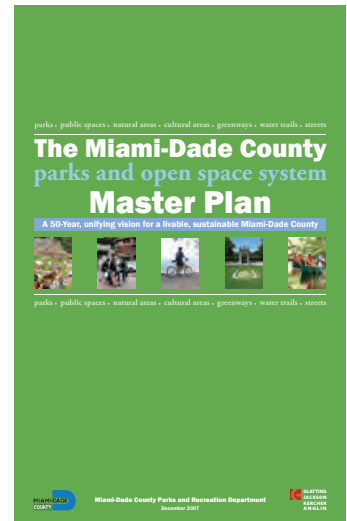
Understanding the value and delicate balance of an environmentally resilient, economically competitive, and equitably accessible system of waterways and waterfront, the Florida Inland Navigation District (FIND) partnered with the Miami-Dade County Parks, Recreation and Open Spaces Department (MDPROS) to develop the Waterfront Recreation Access Plan (WRAP). The WRAP is a visionary waterway system plan that unifies, harmonizes, and inspires strategic action to improve and enhance public recreational access for all to the County's waterfront. The development of the plan was guided by public input, best practices, and a diverse steering committee composed of public, private, and non-profit members.

Miami-Dade County's regional challenges include:

- Population growth supply/demand of waterfront access;
- Loss of publicly accessible waterfront;
- Insufficient watercraft launch and watercraft storage facilities;
- Environmental and coastal resiliency at the shoreline;
- Balancing sustainable economics and environmental protection; and
- The need for unified waterfront policy, governance, and systems master planning.

CONNECTING MIAMI-DADE: PARKS AND OPEN SPACE SYSTEM MASTER PLAN

Miami-Dade County provides opportunities for health, happiness and prosperity for residents and visitors through the vision and implementation of the Parks and Open Space System Master Plan (OSMP), consisting of a connected system of parks, public spaces, natural and historic areas, greenways, blueways and complete streets, guided by the principles of access, equity, beauty, seamlessness, sustainability, and multiple benefits. The OSMP's Greenways, Trails and Water Trails Vision is for an interconnected system that provides transportation alternatives and reduces traffic congestion; creates new recreational opportunities; increases property values; protects natural resources; and encourages tourism and business development. These paths strengthen connections across the County, from Broward to Monroe Counties, from the Atlantic Ocean to the Everglades. Strategic support for this effort is found in the Recreation and Open Space Element ROS-8 and the Coastal Element of the Comprehensive Development Master Plan (CDMP) in CM-5E found below:



ROS-8 The Miami-Dade County Parks and Open Space System Master Plan (OSMP), through a 50-year planning horizon, shall guide the creation of an interconnected framework of parks, public spaces, natural and cultural areas, greenways, trails, and streets that promote sustainable communities, the health and wellness of County residents, and that serve the diverse local, national, and international communities.

CM-5E The use of causeways, road rights-of-way and canal easements at shorelines shall be expanded wherever possible and additional sites sought to provide public access for existing and proposed boating-related launch and storage facilities and other water-related activities.

We have to treat water like we do land—commit to the Blueways like we have our Greenways, building a strong network of Waterway partners and nonprofits to ensure a culture shift to good stewardship. The OSMP vision builds



upon the corridors described by the North Dade Greenways Master Plan and South Dade Greenway Network Master Plan, and goes farther in linking these green fingers into a holistic, seamless system. Its corridors weave through new parks, tie into bike lanes, and act as verdant channels that draw people into natural resource areas. In the WRAP, Water Trails that have already been identified by previous plans are incorporated into the Vision, but greatly expanded upon. All major canals and waterways are accessible for recreation and strengthen physical and visual connections between the east and west edges of the County. Canals and levees managed by the South Florida Water Management District are converted into greenways and trails corridors, and provide an opportunity for public education on Everglades Restoration.

WRAP OVERVIEW

Miami-Dade County's Biscayne Bay and the Intracoastal Waterway (ICW) together are the most important economic, recreational, and environmental resources that make Miami one of the most desirable places to live, work and play. Biscayne Bay and the ICW connect 20 of the County's 34 municipalities including unincorporated Miami-Dade and represent access to thousands of waterway-related businesses, residential neighborhoods, recreational and eco-tourism activities and restaurant and entertainment destinations. In a community with 2.8 million residents (30,000 new residents each year) and 16 million annual visitors, economic impact of waterway related spending exceeds \$7.5 Billion annually and supports more than 65,000 jobs.

The WRAP provides a strategic framework and implementation plan for:

- Improving public access for boating, canoeing, kayaking, shoreline fishing, walking, wading, paddle boarding, swimming, and other recreational opportunities;
- Creating an interconnected system of publicly accessible waterfront destinations that includes expanded water-based transportation;
- Increasing and enhancing nature-based recreational and eco-tourism opportunities;
- Promoting the sustainable economics of equitable access, resource protection and public/private partnerships;
- Solving environmental and coastal resiliency at the shoreline;
- Promoting responsible use and citizen stewardship of Miami-Dade County's waterways; and
- Mapping the OSMP's "Blueways" water trail system, creating new access points in the County's canal system to connect the Bay with the Everglades.

WRAP VISION, GUIDING PRINCIPLES AND GOALS

VISION

"Provide an interconnected blueways system with improved public access and recreational opportunities to Biscayne Bay and Miami-Dade County's waterways in order to encourage residents and visitors to enjoy, responsibly use and protect these unique natural ecosystems."

GUIDING PRINCIPLES TO UNIFY THE WATERFRONT:



EQUITABLE, AND SAFE ACCESS FOR ALL



CONNECTIONS THROUGH A SYSTEM OF WATER TRAILS



SEAMLESS, COORDINATED GOVERNANCE AND SOUND PUBLIC POLICY



"NO NET LOSS" POLICY FOR RECREATIONAL ACCESS



COMPATIBLE, SHARED USES



MARINE ENVIRONMENTAL HEALTH AND CLIMATE RESILIENCE



SUSTAINABLE ECONOMIC VITALITY



DESIGN EXCELLENCE AND NATURAL BEAUTY



A CULTURE OF CITIZEN STEWARDSHIP

GOALS

1. Ensure responsible, balanced, and equitable access to Biscayne Bay and to Miami-Dade County's waterways.
 - Creating opportunities that balance recreation, economics, environmental protection, mobility, infrastructure, location, distribution, affordability, management, quality, and connections. Equitable access also means providing inclusive and healthy opportunities for all people of varying abilities and across the full economic spectrum.
2. Create an ethic of respect for wildlife and environmental responsibility. The Biscayne Task Force is an objective to accomplish the goal.
 - By highlighting improved land management, wildlife and habitat restoration, climate resilience, and by taking steps to reduce waste, damaging runoff, and conserve water resources, Miami-Dade residents can enhance their understanding of both the ecological and the economic health of the community.
3. Promote economic vitality and balanced growth.
 - Through better planning, consistent safeguards and enforcement, and effective cooperation among diverse interests, decision-makers can better balance the community's needs for a thriving economy and a healthy and resilient marine environment.
4. Identify design, maintenance, and funding best practices to ensure functionality, coastal resilience, and beauty.
 - A commitment to best practices across the spectrum of design, operations, and maintenance creates a culture of public respect and care for waterfront infrastructure and the marine environment.
5. Develop a connected water transportation system.
 - The Bay offers a good opportunity to diversify Miami-Dade's transportation networks and increasing Bay access for all residents and visitors. A coordinated approach to land and water transportation will encompass issues related to the use of boats, bicycles, pedestrians, cars, buses, and public transportation.
6. Increase and enhance nature-based recreational and eco-tourism opportunities.
 - This includes mapping and developing the OSMP "Blueways," water trail system for recreational, nature-based and eco-tourism programs that inspire citizen engagement in stewardship.
7. Ensure safety and consistent enforcement of protective measures.
 - Safety on our waters is integral to enjoyment and access. A fundamental goal of the access plan is "more enforcement, less exclusion" to support marine patrol and code compliance efforts while providing broader public education on waterway recreational uses, boating safety, environmental protection, and overall community resilience.





8. Create an informed citizenry committed to Biscayne Bay conservation and advocacy.

- Amplify broad-based public communication campaigns to promote knowledge and appreciation of Bay resources, including media coverage, digital resources, public education, events and activities, research and publications, and by nurturing effective coalitions of community organizations, neighborhoods and individuals. A strong grassroots constituency for the Bay, increases the community's sense of stewardship of its resources, and encourages strong advocacy for responsible access and preservation.

9. Establish a system of coordinated governance and sound public policy.

- Over the long-term, improving public access to the Bay will depend on the way this community – from decision-makers and business leaders to public agencies and local residents – addresses issues of policy, administration and management of land and water resources.

RECOMMENDATIONS

GOALS	TIMELINE	RECOMMENDATIONS
Ensure responsible, balanced, and equitable access to Biscayne Bay and to MDC's waterways.	Short-Term	Focus on maximizing existing marina land use and fund/finish existing marina master expansion plans.
	Short-Term	Reactivate park water assets.
	Short-Term	Strategically identify and pursue public / private partnership (P3).
	Mid-Term	Explore new opportunities for negotiated access acquisition and expansion.
	Long-Term	Enhance opportunities to connect to the Lake Belt and Western Greenway.
	Long-Term	Leverage shorelines, causeway bridges, and street ends for waterfront access.
	Long-Term	Develop and implement boating transitions around canal structures (salinity dam/culverts) including formal portage facilities and boat locks to connect salt and freshwater boating access points.
Create an ethic of respect for wildlife and environmental responsibility through support and implementation of the Biscayne Bay Task Force action plan.	Short-Term	Water quality.
	Short-Term	Governance.
	Short-Term	Infrastructure.
	Short-Term	Improve and expand spoil island recreational opportunities and maintenance to provide recreational alternatives to sandbars.
	Mid-Term	Watershed habitat restoration and natural infrastructure.
	Mid-Term	Marine debris.
	Mid-Term	Education and outreach.
	Mid-Term	Funding.

RICKENBACKER CAUSEWAY

PLANNING CONCEPTS FOR PARKWAY



SAMPLE CONCEPTUAL RECOMMENDATIONS FOR EXISTING PARKS AND MARINAS.

PUBLIC AWARENESS OF WILDLIFE AND ENVIRONMENTAL RESPONSIBILITY IS PARAMOUNT.

GOALS	TIMELINE	RECOMMENDATIONS
Promote economic vitality and balanced growth.	Short-Term	Identify public funding and surcharge models for expanded water access consistent with stakeholder "Willingness to Pay" (WTP) data.
	Short-Term	Explore outcome-based private finance models such as Environmental Impact Bonds for capital improvements.
	Mid-Term	Create a water industry vocational training and job placement program in parks and high schools.
	Mid-Term	Develop economic incentives to increase water access for projects that improve social equity and environmental quality through waterfront access.
	Mid-Term	Encourage widespread, low cost public access to non-motorized water activity concessions including subsidized "Library Card" access.
	Long-Term	Leverage public and private interest and funding to develop world-class events, ecotourism, and voluntourism offerings.
Identify design, operations, maintenance, and funding best practices to ensure high levels of customer service functionality, coastal resilience, and beauty.	Mid-Term	Support and participate in Resilience 305 efforts to update and adopt waterfront design guidelines to include new coastal resiliency standards and zoning ordinances.
	Mid-Term	Create an annual progress report for WRAP implementation and infrastructure evaluation.
	Mid-Term	Ensure design professionals have the Waterfront Edge Design Guidelines (WEDG) Associate certification issued by the Waterfront Alliance.
	Mid-Term	Update MDPROS Pattern Book and all Request for Proposals (RFPs) to include marine planning and design standards.
	Mid-Term	Update the Leisure Interest Survey to determine public needs and wants for water recreation.
	Mid-Term	Review all marina and boat ramp facility master plans every five years.
	Mid-Term	Adopt Association of Marina Industries (AMI) national best practices for Clean Marinas.
	Mid-Term	Maintain visual corridors to the Bay.
	Mid-Term	Establish boat ramp design standards.
	Mid-Term	Establish fishing-friendly standards for boat ramps, marinas and shoreline fishing facilities.
	Mid-Term	Reestablish the MDPROS Marina Enterprise and set aggressive business and customer service goals for county marinas.

GOALS	TIMELINE	RECOMMENDATIONS
Develop a connected water transportation system.	Short-Term	Support the current Miami River and City Commission Resolutions providing the appropriate delegation of authority to competitively solicit, procure, and award agreements to qualified private sector waterborne transportation providers for the Miami River and Bay Walks.
	Short-Term	Establish uniform Best Practices approach to permits and fees for charter landings, to accommodate public use of for-hire and on-demand watercraft.
	Mid-Term	Hire an expert from an existing, successful, world class ferry system and develop an intermodal connection between public transportation, the SMART Plan and water taxi/ferry boat operations, Bay walks and water experiences (culture, history, recreation).
	Mid-Term	Using compatible and shared-use facilities, integrate water taxi stops at designated waterfront destinations with a focus on the urban core initially, prioritizing activity centers where population bases are located to provide a built-in customer base.
	Mid-Term	Access federal funds that are available to support capital outlays to mobilize a fleet or retrofit seawalls and accommodate landing and boarding facilities.
	Mid-Term	Manage environmental constraints working with environmental regulators to properly site water taxi stops, schedule limitations, speed compliance and adherence to inspections and appropriate risk management tools.
	Long-Term	Consider scheduled ferry service to Virginia Key, Elliott Key or, via Miami Intermodal Center, Palmer Lake, to align with unique multi-day ecoadventure trips envisioned for international travelers.
Increase and enhance nature-based recreational and eco-tourism opportunities.	Short-Term	Map Blueways connection of Biscayne Bay to the SFWMD canal system and Lake Belt.
	Short-Term	Develop “real-time” snorkel, fishing and recreational activity map and activity calendar for online downloads.
	Short-Term	Connect history and culture to all parks along the water.
	Short-Term	Identify and empower lead entities in countywide stewardship education.
	Short-Term	Coordinate a “real time” centralized database and promotional calendar for all programs on the water county-wide.
	Short-Term	Develop and implement a comprehensive and inclusive “swim to sail” STEM+arts-based curriculum to serve as a programmatic guideline for marine environmental programming.
	Short-Term	Develop a merit-based program for volunteer stewardship action.
	Mid-Term	Increase fishing, snorkeling and scuba diving opportunities through best practices artificial reef development and management.
	Mid-Term	MDPROS should take the lead in developing and implementing Swim Central concept to ensure every child learns to swim.

GOALS	TIMELINE	RECOMMENDATIONS
Ensure safety and consistent enforcement of protective measures.	Short-Term	Create a countywide boater safety and education campaign.
	Short-Term	Begin an intergovernmental campaign with state legislators to expand the Boater Safety Education law requirements to boaters of all ages.
	Short-Term	Offer Boater Safety courses at all County and municipal marinas.
	Short-Term	Re-establish MAST waterway enforcement coalition.
	Short-Term	Provide additional funding for marine patrol enforcement activity.
	Short-Term	Develop safe operating guidelines and ordinances for operating in narrow waterways.
	Short-Term	Consider designating PWC Zones where operators are permitted to utilize vessels to their maximum ability.
	Short-Term	Create public service announcements (PSAs) campaign for BUI, reckless operation, conservation, and illegal charters/concessions.
	Short-Term	Update and Broaden June 9, 2009 Mote Technical Report to identify primary traffic corridors and popular boating destinations and assess boater compliance with posted regulatory zones at each location to serve as foundation of future Boater Exclusion Zone policy.
Create an informed citizenry committed to Biscayne Bay conservation and advocacy.	Short-Term	Create an internal campaign to socialize the WRAP with elected officials and governing organizations.
	Short-Term	Create an external campaign for online, social media, printed and television to promote WRAP goals and objectives.
	Short-Term	Build a public campaign centered on specific citizen stewardship and education curriculum.
	Short-Term	Build a countywide, multi-jurisdictional "Boat Alerts" system.
	Short-Term	Develop interactive online mapping.
	Short-Term	Coordinate and apply performance measures to CDMP elements and sub-elements.
	Short-Term	Create regular legislative program days designed to engage local, state, and federal legislators.
	Mid-Term	Coordinate long-range waterfront infrastructure planning (WIP).
	Mid-Term	Reinvigorate and enhance the Shoreline Review Committee.
	Mid-Term	Reduce complexity of waterfront permitting of non-motorized watercraft launch facilities.



PROJECT NUMBER	PROJECT NAME	PROJECTS SPONSOR	REASON FOR EXTENSION REQUEST
PB-BR-21-216	Lake Wyman and Rutherford Park Restoration Phase IIA	City of Boca Raton	Construction Ongoing
IR-VB-21-72	Municipal Marina South Complex Rebuild	City of Vero Beach	Starting Construction
DU-JA-21-182	Exchange Club Island Park Development Phase II	City of Jacksonville	Construction Ongoing
DA-MI-21-267	Legion Park Shoreline Stabilization and Kayak Launch, I	City of Miami	Undergoing Design Modifications
DA-MB-21-263	Miami Beach Mooring Field Phase I	City of Miami Beach	Extended Permitting Requirements
DA-MB-21-262	Maurice Gibb Memorial Park Seawall, Living Shoreline	City of Miami Beach	Permit Delays and bid twice
BR-FL-21-154	Riverwalk Floating Dock Phase II	City of Fort Lauderdale	Construction Ongoing
BR-FL-21-152	Bill Keith Preserve Shoreline Restoration Phase II	City of Fort Lauderdale	Construction Contract Executed
PB-RB-21-217	Riviera Beach Marina G-B Connector Dock Phase IV	City of Riviera Beach	Construction delayed
SL-21-70	White City Park Shoreline Stabilization Phase I	St. Lucie County	Hurricane Extension
DA-NBV-21-264	North Bay Village Civic Park Phase I	North Bay Village	Design and Permitting Ongoing
SL-PSL-21-71	Riverwalk Boardwalk Park Phase IIB	City of Port St. Lucie	Construction Commencing



CITY OF Boca Raton

CITY HALL
201 WEST PALMETTO PARK ROAD • BOCA RATON, FL 33432
PHONE (561) 393-7700
(FOR HEARING IMPAIRED) TDD (561) 367-7043
www.myboca.us

July 21, 2023

Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477

RE: PB-BR-21-216 Lake Wyman and Rutherford Park - Phase 2A
Request for Agreement Extension

Dear Ms. Zimmerman:

This letter is regarding the Agreement PB-BR-21-216 between the Florida Inland Navigation District and the City of Boca Raton for the Lake Wyman and Rutherford Park Project - Phase 2A. The City of Boca Raton entered into this agreement with FIND on November 3, 2021. The City is requesting a one-year extension of the Agreement to complete Phase 2A.

The City entered into a Construction Manager at Risk Agreement in September 2021. After receiving the initial GMP, staff conducted value engineering to reduce the overall scope of the project and bring it back into the proposed budget. The City decided to rebid the project for a second time to further refine the project scope. Construction commenced in December 2022 and is progressing accordingly.

Thank you for considering this request, should you have any questions or need additional information regarding the remaining tasks to be completed, please call me at (561) 416-3430.

Sincerely,

A handwritten signature in blue ink, appearing to read "Zach Bihr".

Zachary Bihr, P.E.
Municipal Services Director
City of Boca Raton



City of Vero Beach

1053 20th Place - P.O. Box 1389
Vero Beach, FL 32961-1389
(772) 978-4710 • citymgr@covb.org • www.covb.org

OFFICE OF THE
CITY MANAGER

August 7, 2024

VIA EMAIL

Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477-9488
jzimmerman@aicw.org

**SUBJECT: Extension Request – City of Vero Beach
IR-VB-21-72 Municipal Marina South Complex Rebuild Project**

Dear Ms. Zimmerman:

The City of Vero Beach, project sponsor for agreement IR-VB-21-72 Municipal Marina South Complex Rebuild project, is requesting a one-year extension. The current agreement expires September 30, 2023, and the City is requesting an extension to ensure the completion of the project.

The project construction was delayed due to concerns raised by several residents in the City, particularly those residing in the neighborhood surrounding the Marina. The City has addressed these concerns and as a result, the City initiated the bidding process on June 27, 2023, with bids closing on August 3, 2023. We anticipate promptly awarding the bid and expect construction to be finalized by October 2024.

Given the revised timeline and the progress made thus far, we kindly request an extension of the project deadline. This additional year will enable us to complete the project successfully and fulfill all the requirements outlined in the FIND grant agreement. We assure you that every effort will be made to expedite the construction process and ensure its timely and satisfactory completion.

We appreciate your understanding and consideration of this extension request. If you have any questions or require further information, please do not hesitate to contact Sean Collins at 772-978-4772 or scollins@covb.org. Thank you for your attention to this matter.

Sincerely,

Monte K. Falls, P.E.
City Manager

cc: Sean Collins, Marina Director
Steven P. Dionne, Finance Director

City of Jacksonville, Florida



ONE CITY. ONE
JACKSONVILLE.

Daryl Joseph, Director

Parks, Recreation and Community Services Department
214 N Hogan Street, 4th Floor
Jacksonville, FL 32202
(904) 255-7907
www.coj.net

July 27, 2023

Ms. Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477

SUBJECT: Project Agreement Extension
Exchange Club Island Park Development, PH II (DU-JA-21-182)

Dear Ms. Zimmerman,

As the Project Liaison, I am requesting an extension for the aforementioned project. This project has an executed contract and construction is underway and anticipated to be completed in late September. Just in case the project experiences any delays, I'm requesting a one-year extension, expiring September 30, 2024. I will submit our close-out documents as soon as the project is complete.

Thank you for your assistance with this worthwhile project.

Sincerely,

Brian Burket
Waterfront Project Manager

City of Miami



ARTHUR NORIEGA, V
City Manager

July 19, 2023

Janet Zimmerman, Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Rd
Jupiter Florida 33477
VIA Email: jzimmerman@aicw.org

Re: Extension Request for Legion Park Shoreline Stabilization and Kayak Launch Phase I; Project Number DA-MI-21-267; Funding Amount: 196,300.00; September 30, 2023, expiration date. 40-B223507

Dear Ms. Zimmerman,


The City of Miami respectfully requests a one-year extension of time to complete the subject Legion Park Shoreline Stabilization grant. Currently the design documents are thirty percent (30%) complete, with conceptual drawing revisions scheduled for a September community presentation.

A one-year extension is being requested due to changes in site conditions discovered during the design and permitting process. The site condition changes warranted design modifications that required additional time to update the construction documents and permitting requirements.

The City of Miami's schedule is to complete Phase I within six (6) months of the community meeting. Fifty percent (50%) of the design will be completed within sixty (60) days and one hundred percent (100%) within one-hundred twenty (120) days after the community meeting. Construction documents are scheduled to be submitted to permitting agencies no later than June of 2024.

Your approval to extend the grant agreement would be greatly appreciated. Should you have any questions please contact my office via telephone or email.

Sincerely,

DocuSigned by:

138ACAB636B542B...

Hector Badia,
Interim Director, OCI

cc: Lillian Blondet, Director, Office of Grants Administration
Lai-Wan McGinnis, Budget & Financial Reporting Administrator, OMB
Keith Ng Senior Construction Manager, OCI
Diego Clavijo Program Manager, OCI
Carolina Bastidas Admin Asst, OCI

MIAMI BEACH

City of Miami Beach, 1700 Convention Center Drive, Miami Beach, Florida 33139, www.miamibeachfl.gov
OFFICE OF CAPITAL IMPROVEMENT PROJECTS
 Tel: 305-673-7071, Fax: 305-673-7073

July 13, 2023,

Ms. Janet Zimmerman
 Assistant Executive Director
 Florida Inland Navigation District
 1314 Marcinski Road
 Jupiter, FL 33477-9498

Re: Miami Beach Mooring Field Phase I
 Project Number: DA-MB-21-263

Dear Ms. Zimmerman:

The City of Miami Beach requests a one-year extension for the municipal mooring field project. The FIND Grant was awarded in 2021 as the City was in a period of transition. In early 2022, the City held a public meeting to advise residents of the status of the mooring field as well as to encourage feedback and input on the proposed design. As a result of the resident feedback, the City re-engaged with consultants RES and Moffatt & Nichol in the Spring of 2022 to conduct pre-application meetings with regulatory permitting agencies on the viability of expanding the mooring field from one phase with 50-100 slips, to all four areas depicted on the feasibility analysis for a total of 200 slips. As a result of the positive feedback from the agencies, City staff presented at several City Commission meetings to secure additional capital funding. Additional funding was approved through the budget process in September 2022 to move forward with design and permitting of a 200-slip mooring field from the MacArthur Causeway to surrounding Belle Isle.

As a result of diverse resident opinions, the City has also been monitoring Chapter 327 Section 4108 of the Florida Statutes which grants authority to County governments to establish Anchoring Limitation Areas (ALAs). Several meetings have been held with County officials to understand how ALAs would be implemented throughout local waters and what factors would be considered. Their preliminary analysis is underway and due to be presented to the Board of County Commissioners in late Summer 2023.

City staff from the Environment & Sustainability Department and Office of Capital Improvement Projects finalized the negotiation of the proposal for the municipal mooring field project with the selected consultants, RES and Moffatt & Nichol. The Procurement Department is working to execute a Purchase Order (PO) within City guidelines and competitive policies. Once issued, the consultants will begin the necessary surveys, applications, and design plans. Due to the size of the mooring field increasing beyond the initial proposal of 50 slips, Board of County Commissioners approval is required, as well as support from the Governor's Cabinet per the Florida Department of Environmental Protection. These are extended permitting requirements that may take 24-36 months after securing the PO. The City will also need to competitively procure a management partner for the upland support facilities in parallel with permitting.

We are committed to providing excellent public service and safety to all who live, work and play in our vibrant, tropical, historic community.

The City of Miami Beach appreciates your consideration of the extension request and we look forward to a continued relationship with the Florida Inland Navigation District.

Sincerely,

A handwritten signature in black ink, appearing to read "Krystal M. Dobbins". The signature is fluid and cursive, with the first name "Krystal" being more prominent.

Krystal M. Dobbins
Grants Management Division Director

We are committed to providing excellent public service and safety to all who live, work and play in our vibrant, tropical, historic community.

MIAMIBEACH

City of Miami Beach, 1700 Convention Center Drive, Miami Beach, Florida 33139, www.miamibeachfl.gov
OFFICE OF CAPITAL IMPROVEMENT PROJECTS
Tel: 305-673-7071, Fax: 305-673-7073

July 13, 2023,

Ms. Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477-9498

Re: Maurice Gibb Memorial Park Seawall, Living Shoreline and Overlook
Project Number: DA-MB-21-262

Dear Ms. Zimmerman:

We hereby request a one-year time extension for the City of Miami Beach, Maurice Gibb Memorial Park Seawall, Living Shoreline and Overlook project, number: DA-MB-21-262. The grant agreement is currently set to expire September 30, 2023.

The project timeline has been delayed due to the time required to acquire all permits including renewal of expired Design Review Board approval and having to bid the project twice due to receipt of unresponsive bids. Approval of this request would extend the agreement until September 30, 2024.

Should you have any questions or comments regarding this request please contact Colette Satchell, Senior Project Manager, at 305 673 7071.

Thanks for your consideration and assistance with this request.

Sincerely,



Krystal M. Dobbins
Grants Management Division Director

cc: Maria Cerna, Division Director
David A. Gomez, Division Director
Krystal Dobbins, Grants Management Division Director
Colette Satchell, RA, Senior Project Manager



July 25, 2023

Ms. Janet Zimmerman, Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477-9498

Re: Grant Extension Request - Project No. BR-FL- 21-154: Riverwalk Floating Dock Phase II

Dear Ms. Zimmerman:

Thank you for your letter of June 23, 2023 regarding the Riverwalk Floating Dock Phase II project.

The project is underway, and the City wishes to extend agreement BR-FL-17-154 for an additional year. The dock has been ordered from Bellingham Marine and we expect delivery after September 30, 2023.

Thank you for your consideration and assistance with this worthwhile project. If you need anything further, please feel free to contact Jonathan Luscomb, Marine Facilities Supervisor at (954) 828-5343 or jluscomb@fortlauderdale.gov.

Sincerely,

[Greg Chavarria \(Aug 2, 2023 09:51 EDT\)](#)

Greg Chavarria
City Manager





CITY MANAGER'S OFFICE – BUDGET/CIP & GRANTS DIVISION¹⁸⁵

GRANT MODIFICATION REQUEST FORM

Rev: 02 | Print Date: 6/26/2023

Today's Date:
6/26/2023

GRANT PROGRAM INFORMATION

Grant Agency/Program:	Florida Inland Navigation District (Waterway Asst. Prog.)
Grant Period:	October 1, 2021 to September 30, 2023
Responsible Department:	Parks and Recreation/Marine

PROJECT INFORMATION

Project Title:	Riverwalk Floating Dock Ph-II
Project Status:	On budget not on time

GRANT/PROJECT SUMMARY

Grant Budget:	\$ 230,000
Expenditures to Date:	\$0 (\$211K Encumbered)
Grant Balance:	\$230,000

GRANT MODIFICATION REQUEST

The Florida Inland Navigation District (FIND) awarded the City a grant of \$230,000 to install a floating dock along the Riverwalk near Esplanade Park on October 1, 2021. The grant period is two years and expires September 30, 2023. The project is underway, but staff believes completion is behind schedule and cutting the timeline too close. FIND may allow a one year extension to this grant period if asked in writing and approved by the FIND Board of Commissioners. Asking to modify.

LIST PRIOR MODIFICATION(S):

Extend Grant deadline to September 30, 2024 from September 30, 2023

Prepared by:

Signature

Jonathan Luscomb

Print Name

Approved by (Department Director):

Signature

Phil Thornburg

Print Name

GRANT MODIFICATION REQUEST FORM

Rev: 02 | Print Date: 6/26/2023

186

DEPARTMENT REVIEW/APPROVAL (As Applicable)

Other Department Comments:

Signature:

Date:

Grants Administration Comments:

The department is seeking an extension from the Grantor of one (1) year to complete this project, which has been delayed. The grantor will accept the request in writing with the June 2023 quarterly paperwork for consideration by the FIND Board. This is the first extension that is being sought for this grant.

Signature:

Tamieka McGibbon

Date:

06/29/2023

Budget Division Comments:

Recommend approval.

Signature:

y.w. Matthews

Date:

7/05/2023

GRANT MODIFICATION REQUEST FORM

187

Rev: 02 | Print Date: 6/26/2023

City Manager Comments:

Date: Jul 11, 2023

Approved

Signature: 
Greg Chavarria (Jul 11, 2023 14:59 EDT)






Grant Modification - Riverwalk Floating Dock Phase II

Final Audit Report

2023-07-11

Created:	2023-07-06
By:	Tamieka McGibbon (TMcGibbon@fortlauderdale.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAA3rngmQ4u_ht74b00JDMzkZ3gWSZd-_kk

"Grant Modification - Riverwalk Floating Dock Phase II" History

-  Document created by Tamieka McGibbon (TMcGibbon@fortlauderdale.gov)
2023-07-06 - 6:26:26 PM GMT
-  Document emailed to Greg Chavarria (GChavarria@fortlauderdale.gov) for signature
2023-07-06 - 6:27:00 PM GMT
-  Email viewed by Greg Chavarria (GChavarria@fortlauderdale.gov)
2023-07-11 - 6:57:45 PM GMT
-  Document e-signed by Greg Chavarria (GChavarria@fortlauderdale.gov)
Signature Date: 2023-07-11 - 6:59:01 PM GMT - Time Source: server
-  Agreement completed.
2023-07-11 - 6:59:01 PM GMT



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07252023 Grant Extension Request 2023 FIND Riverwalk Floating Dock PH II

Final Audit Report

2023-08-02

Created:	2023-07-25
By:	Amber Cabrera (AmCabrera@fortlauderdale.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAF0FdMXg6K-eUYmcxYNLseDPQ4doOag1y

"07252023 Grant Extension Request 2023 FIND Riverwalk Floating Dock PH II" History

-  Document created by Amber Cabrera (AmCabrera@fortlauderdale.gov)
2023-07-25 - 5:59:45 PM GMT
-  Document emailed to Greg Chavarria (GChavarria@fortlauderdale.gov) for signature
2023-07-25 - 6:00:05 PM GMT
-  Email viewed by Greg Chavarria (GChavarria@fortlauderdale.gov)
2023-08-02 - 1:51:28 PM GMT
-  Document e-signed by Greg Chavarria (GChavarria@fortlauderdale.gov)
Signature Date: 2023-08-02 - 1:51:34 PM GMT - Time Source: server
-  Agreement completed.
2023-08-02 - 1:51:34 PM GMT





July 25, 2023

Ms. Janet Zimmerman, Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477-9498

**Re: Grant Extension Request - Project No. BR-FL- 21-152: Bill Keith Preserve
Shoreline Phase II**

Dear Ms. Zimmerman:

Thank you for your letter of June 23, 2023 regarding the Bill Keith Preserve Shoreline Stabilization Phase II project.

The project is underway, and the City wishes to extend agreement BR-FL-121-152 for an additional year. A winning bid was accepted by the City Commission and a Construction Contract is in the process of execution.

Thank you for your consideration and assistance with this worthwhile project. If you need anything further, please feel free to contact Jonathan Luscomb, Marine Facilities Supervisor at (954) 828-5343 or jluscomb@fortlauderdale.gov.

Sincerely,

[Greg Chavarria \(Aug 2, 2023 09:51 EDT\)](#)

Greg Chavarria
City Manager





CITY MANAGER'S OFFICE – BUDGET/CIP & GRANTS DIVISION¹⁹¹

GRANT MODIFICATION REQUEST FORM

Rev: 02 | Print Date: 6/26/2023

Today's Date:
6/26/2023

GRANT PROGRAM INFORMATION

Grant Agency/Program:	Florida Inland Navigation District (Waterway Asst. Prog.)
Grant Period:	October 1, 2021 to September 30, 2023
Responsible Department:	Parks and Recreation/Marine

PROJECT INFORMATION

Project Title:	Bill Keith Preserve Shoreline Preservation PH II
Project Status:	On budget not on time

GRANT/PROJECT SUMMARY

Grant Budget:	\$ 260,000
Expenditures to Date:	\$0 (\$214,000 Encumbered)
Grant Balance:	\$260,000

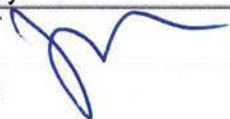
GRANT MODIFICATION REQUEST

The Florida Inland Navigation District (FIND) awarded the City a grant of \$260,000 to install an intermitant rock revetment along the shoreline of the Bill Keith Preserve on October 1, 2021. The grant period is two years and expires September 30, 2023. The project is underway, but staff believes completion is behind schedule and cutting the timeline too close. Requesting permission to extend 1 Year.

LIST PRIOR MODIFICATION(S):


Extend Grant deadline to September 30, 2024 from September 30, 2023

Prepared by:

Signature 

Jonathan Luscomb
Print Name

Approved by (Department Director):

Signature 

Phil Thornburg
Print Name

GRANT MODIFICATION REQUEST FORM

Rev: 02 | Print Date: 6/26/2023

192

DEPARTMENT REVIEW/APPROVAL (As Applicable)

Other Department Comments:

Signature:

Date:

Grants Administration Comments:

The department is seeking an extension from the Grantor of one (1) year to complete this project, which has been delayed. The grantor will accept the request in writing with the June 2023 quarterly paperwork for consideration by the FIND Board. This is the first extension that is being sought for this grant.

Signature:

Tamieka McGibbon

Date:

06/29/2023

Budget Division Comments:

Recommend approval.

Signature:

Y.W. Matthews

Date:

GRANT MODIFICATION REQUEST FORM

193

Rev: 02 | Print Date: 6/26/2023

City Manager Comments:

Date: Jul 5, 2023

approved

Signature: 
Greg Chavarria (Jul 5, 2023 19:05 EDT)






Grant Modification - Bill Keith Preserve Shoreline Phase II

Final Audit Report

2023-07-05

Created:	2023-07-05
By:	Tamieka McGibbon (TMcGibbon@fortlauderdale.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAiDnWUqdpT0M6TdKIIfZX96d58_MIEhcF

"Grant Modification - Bill Keith Preserve Shoreline Phase II" History

-  Document created by Tamieka McGibbon (TMcGibbon@fortlauderdale.gov)
2023-07-05 - 10:43:16 PM GMT
-  Document emailed to Greg Chavarria (GChavarria@fortlauderdale.gov) for signature
2023-07-05 - 10:43:55 PM GMT
-  Email viewed by Greg Chavarria (GChavarria@fortlauderdale.gov)
2023-07-05 - 11:05:42 PM GMT
-  Document e-signed by Greg Chavarria (GChavarria@fortlauderdale.gov)
Signature Date: 2023-07-05 - 11:05:53 PM GMT - Time Source: server
-  Agreement completed.
2023-07-05 - 11:05:53 PM GMT



07252023 Grant Extension Request 2023 FIND Bill Keith Shoreline PH II

Final Audit Report

2023-08-02

Created:	2023-07-25
By:	Amber Cabrera (AmCabrera@fortlauderdale.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAACFnxC7xO0jI2Ylj34r71z4fwhL5r58z

"07252023 Grant Extension Request 2023 FIND Bill Keith Shoreline PH II" History

-  Document created by Amber Cabrera (AmCabrera@fortlauderdale.gov)
2023-07-25 - 5:56:51 PM GMT
-  Document emailed to Greg Chavarria (GChavarria@fortlauderdale.gov) for signature
2023-07-25 - 5:57:15 PM GMT
-  Email viewed by Greg Chavarria (GChavarria@fortlauderdale.gov)
2023-08-02 - 1:50:59 PM GMT
-  Document e-signed by Greg Chavarria (GChavarria@fortlauderdale.gov)
Signature Date: 2023-08-02 - 1:51:19 PM GMT - Time Source: server
-  Agreement completed.
2023-08-02 - 1:51:19 PM GMT



JH Sprague Consulting LLC

840 SW Salerno RD

Stuart FL. 34997

561-723-5418-spragueconsulting@me.com

Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
600 County Highway 707 Unit 7 (aka. 600 Beach Road)
Jupiter, Fl. 33489-3516

The City of Riviera Beach requests a one-year extension of WAP Grant Project PB-RB-21-217.

I understand that this request is necessary to extend the grant from September 30, 2023, to September 30, 2024. This Grant was awarded to the City to provide funding assistance for the City Marina G-B connector dock, that we expect to have constructed during 2024.

Respectfully,
John H Sprague,
Agent and Marina Consultant
Riviera Beach City Marina Project.
840 SW Salerno Rd
Stuart Fl, 34997

August 15, 2023

**Board of County
Commissioners**

Chris Dzadovsky
DISTRICT 1

Larry Leet
DISTRICT 2

Linda Bartz
DISTRICT 3
Vice Chair

Jamie Fowler
DISTRICT 4

Cathy Townsend
DISTRICT 5
Chair

Administration

George Landry
COUNTY
ADMINISTRATOR

Dan McIntyre
COUNTY ATTORNEY

Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Rd.
Jupiter, FL 33477

RE: One Year Extension Request – White City Park Shoreline Stabilization
Phase I

Dear Ms. Zimmerman,

On behalf of the St. Lucie County Board of County Commissioners, I am writing to request a one-year extension of the Waterway Assistance Project (WAP) for the White City Park Shoreline Stabilization Phase 1, Project #SL-21-70.

On November 7, 2023, Governor Ron DeSantis issued Executive Order 23-02 (Emergency Management – Extension of Executive Order 22-253 – Hurricane Nicole), extending the state of emergency for Hurricane Nicole. This extension was issued because impacted areas were still recovering from Hurricane Nicole's strong winds, storm surge, flooding, and heavy rainfall and required the continued support of the State of Florida.

Hurricane Nicole delayed the White City Park Shoreline Stabilization Project for several reasons directly related to the storm. The project was suspended as county staff assumed their emergency management roles including storm preparedness, storm activation, damage assessment, and storm repairs. The emergency operations activation postponed the project. Additionally, because of the storm and its impacts, there were project contract and funding coordination delays with other state entities.

We are extremely appreciative of the support of the Florida Inland Navigation District. We thank you for your consideration of our grant extension request. Should you need additional information, please do not hesitate to contact us.

Sincerely,



Matt Baum
Parks and Recreation, Director
St. Lucie County Board of County Commissioners



North Bay Village

1666 Kennedy Causeway, Suite 300 North Bay Village, FL 33141
Tel: (305) 756-7171 Fax: (305) 756-7722 Website: www.northbayvillage-fl.gov

August 15, 2023

Ms. Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477

**Re: Request for Extension
DA-NBV-21-264 North Bay Village Civic Park Phase I**

Dear Ms. Zimmerman,

In FY2021, Florida Inland Navigation District awarded North Bay Village \$60,000 to support the design and permitting of new amenities at the Civic Park on East Drive. The project aims to increase recreation and open space availability by providing public access to the Biscayne Bay Intercoastal Waterway via a boating facility for paddle craft launch. NBV will use the funding from FIND to hire an engineering consultant to facilitate the project. The contract agreement will end on September 30, 2023; however, the Village requests a one-year extension to allow us to complete the project by September 2024.

The project is in the design phase. NBV designers are pursuing permits from four permitting agencies: SFWMD, USACE, FDEP & DERM; several pre-application meetings have already been held. The Village fully expects approval of the permits before the end of the extension period. The Village remains committed to providing public water access and is eager to move to the construction phase.

We appreciate our partnership with FIND and hope you will continue partnering with us. If you have any questions or concerns, please do not hesitate to contact our Public Works Director, Marlon Lobban, at 305-756-7171 or via email at MLobban@NBVillage.com.

Thank you,

Ralph Rosado, PhD, AICP
Village Manager

July 10, 2023

Janet Zimmerman, Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Rd
Jupiter, FL 33477

RE: FY21 Waterway Assistance Program Grant Extension Request
City of Port St. Lucie Project #SL-PSL-21-71
Riverwalk Boardwalk Park Phase IIB

Dear Ms. Zimmerman:

I am writing on behalf of the City of Port St. Lucie to respectfully request a 12-month extension for the above referenced project. If approved, this extension will provide the contractor adequate time to complete the construction of the boardwalk connection. Additional time was required for the City to contract with the adjacent public park sitework. All permits and authorizations are in place for the boardwalk connection construction to commence in the coming weeks, with an anticipated completion date of February 2024.

We hope the FIND Board of Commissioners will look favorably upon our extension request. The City would like to confirm our commitment to completing this phase of the project. We look forward to delivering a final product for the patrons to enjoy improved access to the North Fork of the St. Lucie River, that will ultimately connect people with Florida's Atlantic Intracoastal Waterway.

Thank you in advance for your consideration. If you have any questions regarding the City's request, please do not hesitate to reach out to me at 772-871-5099.

Sincerely,



Kelly Boatwright
Parks Administrator-Projects


FIND Extension Letter Riverwalk Boardwalk Park Phase IIB Project #SL-PSL-21-71


Final Audit Report

2023-07-10


Created:	2023-07-10 (Eastern Daylight Time)
By:	Andrina Nobili (anobili@cityofpsl.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAA9cLgk608V_YkDjyaoqlrkbFj6GqQrzs_


"FIND Extension Letter Riverwalk Boardwalk Park Phase IIB Project #SL-PSL-21-71" History

 Document created by Andrina Nobili (anobili@cityofpsl.com)
2023-07-10 - 11:10:45 AM EDT

 Document emailed to Kelly Boatwright (kboatwright@cityofpsl.com) for signature
2023-07-10 - 11:11:20 AM EDT

 Email viewed by Kelly Boatwright (kboatwright@cityofpsl.com)
2023-07-10 - 11:11:38 AM EDT

 Document e-signed by Kelly Boatwright (kboatwright@cityofpsl.com)
Signature Date: 2023-07-10 - 11:21:17 AM EDT - Time Source: server

 Agreement completed.
2023-07-10 - 11:21:17 AM EDT



**FLORIDA INLAND NAVIGATION DISTRICT
1314 MARCINSKI ROAD
JUPITER, FL 33414**

REGULATORY PLAN FOR FY 2023-2024

I. **Background and Purpose.** Section 2 of Chapter 2015-162, Laws of Florida, which became effective on July 1, 2015, substantially reworded Section 120.74, Florida Statutes “Agency annual rulemaking and regulatory plans; reports.” Under the reworded statute, “[b]y October 1 of each year, each agency shall prepare a regulatory plan.” Florida Inland Navigation District (“District”), by virtue of being a multicounty special district whose governing board is comprised of nonelected persons, is an “agency” pursuant to Section 120.52(1)(a), Florida Statutes. This Regulatory Plan is adopted to satisfy the requirements of Section 120.74, Florida Statutes (2015).

II. **Section 120.74(1)(a).** This paragraph requires the District to “list each law enacted or amended during the previous 12 months which creates or modifies the duties or authority of the agency.”

- A. During the previous 12 months, no laws have been enacted or amended which create or modify the duties or authority of the District.
- B. Consequently, the District is not required to adopt any rules.

III. **Section 120.74(1)(b).** This paragraph requires the District to “include a listing of each law not otherwise listed pursuant to paragraph (a) which the agency expects to implement by rulemaking before the following July 1, except emergency rulemaking. For each law listed under this paragraph, the plan must state whether the rulemaking is intended to simplify, clarify, increase efficiency, improve coordination with other agencies, reduce regulatory costs, or delete obsolete, unnecessary, or redundant rules.”

The following is a listing of each law the District expects to implement by rulemaking prior to July 1, 2024.

Rule Number	Rule Title	FAC Number	Regulatory Action Anticipated	Statute Implemented
66B-1	Cooperative Assistance Program-Definitions	66B-1.003	Amend rule to update grant definitions	Sec. 374.976
66B-1	Cooperative Assistance Program-Policy	66B-1.004	Amend rule in response Board review of compliance requirements	Sec. 374.976
66B-1	Cooperative Assistance Program-Project Eligibility	66B-1.008	Amend rule to increase max grant award	Sec. 374.976
66B-1	Cooperative Assistance Program-Accountability	66B-1.012	Amend rule in response Board review of compliance requirements	Sec. 374.976
66B-1	Cooperative Assistance Program-Small-Scale Spoil Islands Restoration and Enhancement Projects	66B-1.014	Amend rule to increase max grant award and review of compliance requirements	Sec. 374.976
66B-1	Cooperative Assistance Program-Small-Scale Spoil Islands Restoration and Enhancement Projects	66B-1.015	Amend rule to increase max grant award	Sec. 374.976
66B-2	Waterways Assistance Program-Definitions	66B-2.003	Amend rule to update grant definitions	Sec. 374.976

66B-2	Waterways Assistance Program- Policy	66B-2.004	Amend rule in response Board review of compliance requirements	Sec. 374.976
66B-2	Waterways Assistance Program- Project Eligibility	66B-2.008	Amend rule to increase max grant award	Sec. 374.976
66B-2	Waterways Assistance- Accountability	66B-2.012	Amend rule in response Board review of compliance requirements	Sec. 374.976
66B-2	Waterways Assistance Program- Small-Scale Spoil Islands Restoration and Enhancement Projects	66B-2.014	Amend rule to increase max grant award and review of compliance requirements	Sec. 374.976
66B-2	Waterways Assistance Program- Small-Scale Spoil Islands Restoration and Enhancement Projects	66B-2.015	Amend rule to increase max grant award	Sec. 374.976

IV. **Section 120.74(1)(c).** This paragraph requires the District to “include any desired update to the prior year’s regulatory plan or supplement published pursuant to subsection (7).” Also, “[i]f, in a prior year, a law was identified under this paragraph or under subparagraph (a)1. as a law requiring rulemaking to implement but a notice of proposed rule has not been published: 1. The agency shall identify and again list such law, noting the applicable notice of rule development by citation to the Florida Administrative Register; or 2. If the agency has subsequently determined that rulemaking is not necessary to implement the law, the agency shall identify such law, reference the citation to the applicable notice of rule development in the Florida Administrative Register, and provide a concise written explanation of the reason why the law may be implemented without rulemaking. “

A. The District does not desire to make any updates to the prior year’s regulatory plan, and no supplements have been published pursuant to subsection (7).

B. No laws were identified in a prior year under paragraph 120.74(1)(c) or under subparagraph 120.74(1)(a)1. as a law requiring rulemaking to implement. Therefore, the requirements of subparagraphs 120.74(1)(c)1. and 2. are not applicable.

V. **Section 120.74(1)(d).** This paragraph requires the District to “include a certification executed on behalf of the agency by both the agency head, or, if the agency head is a collegial body, the presiding officer; and the individual acting as principal legal advisor to the agency head. The certification must: 1. Verify that the persons executing the certification have reviewed the plan. 2. Verify that the agency regularly reviews all of its rules and identify the period during which all rules have most recently been reviewed to determine if the rules remain consistent with the agency’s rulemaking authority and the laws implemented.”

A. Certification of Chair of Board of Commissioners.
The undersigned, as Chair of the Board of Commissioners of the Florida Inland Navigation District, hereby certifies on behalf of the Board that: (i) he and the Board reviewed the Regulatory Plan at the Board’s meeting held on September 8, 2023, at which time the Board approved the Regulatory Plan and authorized the undersigned to execute and submit the Regulatory Plan; (ii) the District regularly reviews all of its rules; and (iii) the District last reviewed its rules to determine if the rules remain consistent with the agency’s rulemaking authority and the laws implemented at the Board’s July 21, 2023 meeting.

Spencer Crowley, Chair
Board of Commissioners
Florida Inland Navigation District
Date: September 8, 2023

B. Certification of Principal Legal Advisor to Board of Commissioners.

The undersigned, as the District's General Counsel and principal legal advisor to the Board of Commissioners of the Florida Inland Navigation District, hereby certifies that: (i) he has reviewed the Regulatory Plan; (ii) the District regularly reviews all its rules; and (iii) the District last reviewed its rules to determine if the rules remain consistent with the agency's rulemaking authority and the laws implemented at the Board's July 21, 2023 meeting.

Peter L. Breton, Esq.
General Counsel
Florida Inland Navigation District
Date: September 8, 2023

AGREEMENT

THIS AGREEMENT made this _____ day of _____, 2016 by and between the FLORIDA INLAND NAVIGATION DISTRICT ("DISTRICT"), an independent special district existing under the laws of the State of Florida, and CSA Ocean Sciences, Inc. ("CONTRACTOR").

WHEREAS, the DISTRICT requested Taylor Engineering advertise a Request for Proposals (RFP) for Seagrass and Benthic Habitat Surveying Services as shown in Attachment A, hereinafter referred to as the "Project"; and

WHEREAS, CONTRACTOR responded to the RFP and was the lowest-priced, responsive bidder for the St. Lucie IWW Crossroads and Jupiter Inlet IWW portions of the Project (Attachment B).

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein, the parties agree as follows:

1. The term of this Agreement is project based. Completion of the project, receipt of all deliverables and final payment shall constitute the termination of this contract, unless extended by mutual consent of the parties. In no case shall this project extend for more than six (6) months from the date of contract execution.

3. The DISTRICT will issue a specific Notice to Proceed (NTP) to the CONTRACTOR, following project agreement execution.

4. CONTRACTOR shall, within ten (10) business days after receiving the Notice to Proceed (NTP), initiate the project as described. The cost summary submitted by CONTRACTOR shall be valid for a forty-five (45) day period from when it was received by the DISTRICT and CONTRACTOR agrees to complete the project in a timely manner upon receipt of the NTP.

5. CONTRACTOR also agrees to perform the work awarded to them within the regulatory seagrass growing season of the Project area or the Project schedule as outlined in the project description (Attachment B).

6. DISTRICT agrees to pay the CONTRACTOR for the completion of the services described in any NTP in accordance with the cost summary found in Attachment B, which shall be based upon the agreed project description.

7. For CONTRACTOR's work as described in the preceding paragraph, DISTRICT agrees that payment shall be made within thirty (30) days of receipt by the DISTRICT of an invoice for such work.

8. CONTRACTOR agrees that the PROJECT deliverables are for the sole use of DISTRICT and that it will not disclose this information, in whole or in part, without the prior permission and approval of DISTRICT. CONTRACTOR will discuss the Project information and deliverables only with DISTRICT, or its authorized representatives. CONTRACTOR agrees that all deliverables for the Project are the sole property of the DISTRICT and CONTRACTOR agrees to provide these to the DISTRICT at completion of the Project.

9. Activities of Contractor hereunder are that of an independent contractor and the District shall not be responsible for the actions of Contractor in performing the work described in Attachment Band any approved NTP. Contractor shall indemnify, defend and save the District harmless and shall pay all costs, including reasonable attorney's fees, in connection with any claims, suits, actions, damages, liability and causes of action of every nature whatsoever arising or growing out of or in any manner connected with Contractor's activities hereunder. CONTRACTOR shall furnish evidence of Comprehensive General Liability insurance with a combined single limit of at least \$1,000,000.00 and statutorily required worker's compensation insurance and the policies shall name the District as an Additional Insured. All sub-contractors performing work on a Project shall provide the same types and amounts of insurance coverage to the DISTRICT.

10. CONTRACTOR warrants and represents that it is qualified to perform the Project required to be made under this Agreement.

11. Any notices required or permitted by this Agreement shall be in writing and shall be delivered postage prepaid by U.S. Certified Mail - Return Receipt Requested, or by special messenger service (such as Federal Express), or by hand, to the parties at the following addresses or to such substitute person or address as may be given in like manner:

To DISTRICT:

Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477
Attn: Executive Director

To CONTRACTOR:

CSA Ocean Sciences, Inc.
8502 SW Kansas Avenue
Stuart, FL 34997
Attn: Keith Spring, Senior Scientist

Any written notice given pursuant to the terms of this Agreement shall be deemed given and received, if by such certified mail, two (2) days following the date deposited in the U.S. Mail, or if by hand or special messenger service, upon delivery.

12. CONTRACTOR may not assign this Agreement without the prior written approval of DISTRICT.

13. In the event of a breach of this Agreement, the nonbreaching party shall have all remedies available to it at law or in equity.

14. Any litigation with respect to this Agreement shall be had only in the courts of Palm Beach County, Florida and the prevailing party shall be entitled to reasonable costs and expenses, including attorney's fees (at the trial, appellate and post-judgment level), in any such litigation.

15. This Agreement, including Attachments "A" and "B", embodies the entire agreement and understanding of the parties and supersedes all prior oral and written communications between them. Any alterations, modifications, extensions, or waivers of provisions of this Agreement shall be valid only when they have been reduced to writing and duly signed by each of the parties hereto.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement on the date first written above.

FLORIDA INLAND NAVIGATION DISTRICT

By: _____

Executive Director

"DISTRICT"

By: _____

Print Name: _____

Title: _____

"CONTRACTOR"

**Florida Inland Navigation District
Request for Proposals
Benthic Resources Surveys
April 29, 2016
Addendum May 2, 2016**

Introduction

Florida Inland Navigation District (FIND) is soliciting proposals for benthic resource surveys associated with four dredging projects in or associated with the Florida Intracoastal Waterway (ICW). The survey work is associated with obtaining permits or meeting permit requirements for preconstruction survey. The work at each site will include seagrass survey and hardbottom survey as noted below. One site will require initial survey work to assess the existence of hardbottom habitat which if found will require characterization.

Taylor Engineering (Taylor) is assisting FIND in identifying contractors for the natural resource surveys described in this Request for Proposals (RFP). Taylor will review and rank the proposals that meet the requirements defined below. Rankings will be provided to FIND for final decisions.

FIND may contract one or more firms for three contracts to complete the work at the four sites (see below). FIND reserves the right to reject all bids. FIND reserves the right to negotiate costs with any contractor or selected bidder based on changed site conditions, survey extents, or survey requirements.

Please send all correspondence to

David Stites
Director, Environmental Services, Taylor Engineering, Inc.
dstites@taylorengeering.com

Proposals will be submitted electronically to Taylor at the above email address. Potential bidders may ask questions regarding the proposals by email. Questions will be received until 6:00 pm Tuesday May 3, 2016.

Proposals will be accepted until 6:00 pm, Thursday May 5, 2016, as marked by the receiving software. Any submittal may include one or more of the projects listed.

Survey Locations

The site work will occur at the following locations (Figures and other details provided in this RFP and through Dropbox link provided in the email to which this RFP is attached).

1. St. Lucie Inlet - ICW Crossroads area Pre-construction survey for maintenance dredging and expansion of an existing channel section to provide a sediment basin.
 - o Location: ICWW at St. Lucie Inlet Crossroads area: ICW Cut M-4 STA 20+00 through Cut M-6 STA 5+00, plus OWW Cut OW-1 STA 0+00 through Cut OW-1 STA 22+00.

- Channel width of ICW is 125' at 10' depth with 3:1 side slopes. Length of ICW channel to be surveyed is approximately 7,050'
 - OWW channel width is 80' at a depth of -8' with 3:1 side slopes. Total width of survey area, including wider areas is 350'.
 - Current project includes a widened area just west of the OWW-ICW channel confluence.
 - Other locations as described in attached survey report.
 - See attached documents for previous survey details and kmz file for location of the new sediment basin.
2. Jupiter inlet – ICW Crossroads area: Pre-construction survey for maintenance dredging. This site has been surveyed several times as a part of maintenance dredging activities. No hardbottom habitat has been identified in previous surveys.
- General Project Location: Latitude 26 56' 48.24" N / Longitude 80 4'50.52" W
 - See attached documents for project location and survey method details.
3. St. Lucie County ICW Reach 1 pre-construction survey. This site has been surveyed once as part of permit application requirements. This site includes two identified hardbottom habitat areas.
- General Project Location: Latitude 27 22'34.56 N / Longitude 80 17' 1.68" W
 - Survey about 14,000 feet of channel between Cut SL-2 STA 18+00 and Cut SL-5 STA 74+00. Approximately 14,000 ft. of channel. The channel design template has a 125 ft. bottom width and 3:1 side slopes. The design depth north of the Inlet is -12 ft. MLLW. The channel depth south of the inlet is -10 ft. MLLW, so total channel width is 200 ft. or less. Site details, methods, and information on benthic resources including two small hardbottom patches are located in the most recent (2015) survey report provided with the RFP.
 - Survey pipeline corridor to DMMA slightly north of dredging area.
 - See attached survey report for details.
4. Palm Beach County Lake Worth Lagoon ICW south of Peanut Island. This survey is required for a channel deepening permit application. Hardbottom habitat may occur within this project area. Two channels will require survey; The ICWW channel and a channel to the east shown in attached figures.
- General Project Location: Latitude 26 44'54.36N / Longitude 80 2'52.78 W
 - ICWW channel characteristics Design channel bottom width 125 ft. Top width about 200 ft. Channel length approximately 4.3 miles
 - Secondary channel characteristics: slightly narrower than the ICW, length about 1.6 miles. FIND has not decided whether to survey the ICWW Palm Beach Deepening South Alternate Channel and after selecting a contractor for the project may revise the project scope accordingly.
 - See documents for Benthic Assessment Report with survey methods and map with location of ICWW project footprint and secondary channel footprint.

Bids

FIND requests the following structure to the bids:

- FIND will likely award a single contract to complete both the St. Lucie Inlet and Jupiter Inlet Crossroads surveys. However, this RFP requests separate bids for each survey.
- Provide a separate bid for the St. Lucie County Reach 1 survey.
- Provide a separate bid with two costs for the Palm Beach County Lake Worth Lagoon survey. One cost will include survey along the ICW channel and proposed channel expansion area. The second cost will include survey of a secondary channel that connects to the ICW at the north end of the project area.
- Each project proposal will include separate task costs as shown in the table below.

Each proposer will submit to FIND an EXCEL Spreadsheet with the following structure:

Task	Costs (Nearest Dollar)				
	St. Lucie Inlet ICWW	Jupiter Inlet ICWW	St. Lucie ICWW Reach 1	ICWW Palm Beach County Lake Worth Lagoon south of Peanut Island	Palm Beach ICWW South Secondary Channel
Fieldwork					
UMAM Parts I & II (Impact)					
Draft Report					
Final Report					
TOTAL					

Each project proposal will require a schedule for the work, which will include the following final report deadlines:

Project	Final Report Date
ICWW Palm Beach County Lake Worth Lagoon south of Peanut Island	16 July 2016
St. Lucie Inlet - ICW Crossroads area	30 June 2016
Jupiter Inlet - ICW Crossroads area	30 July 2016
St. Lucie County Reach 1	30 August 2016

Deliverables

Draft report products submitted to FIND will include a written report in WORD, ArcMap GIS and/or AutoCAD formats and two paper copies of the report and related figures. ArcMap GIS and/or AutoCAD files will provide the software versions of the figures depicting the locations and limits of all seagrass beds and other benthic habitat types, corals, and other pertinent features and biota. Taylor Engineering will review the draft products, provide comments and return those materials and comments to the contractor. Three bound paper copies of the final report, and two CDs containing the original software files (PDF and WORD versions of the final report, ArcMap GIS and/or AutoCAD files).

Methods

Each survey area associated with an existing permit will proceed according to the permit requirements or agency requirements for permit application information. All sites are expected to contain seagrass. One site includes hardbottom and another may contain hardbottom. Surveys have not previously located that habitat at the other two sites.

Project	Methods	Hardbottom?
St. Lucie Inlet - ICW Crossroads area	Defined in Prior Survey Report	Possible
Jupiter Inlet - ICW Crossroads area	Defined in Prior Survey Report	Not previously
St. Lucie County Reach 1	Defined in prior survey Report	Yes
ICWW Palm Beach County Lake Worth Lagoon ICW south of Peanut Island	Survey for permit application – methods defined below-applicant may suggest refinements	Possible.

St. Lucie Inlet Cross Roads Survey

See attached benthic resources survey report and sediment trap coordinates

Proposal will include description of proposed survey methods and map of proposed survey area.

Include new UMAM: For each habitat identified during the fieldwork, complete Florida Unified Mitigation Assessment Methodology (UMAM) Forms Part 1 - Qualitative Description and Part 2 - Quantitative Description. If no potential impacts are identified, provide Part 2 existing environment component only.

Jupiter Inlet Crossroads Survey

See attached benthic resources survey reports and permit modification letter regarding seagrass surveys

Proposal will include description of proposed survey methods and map of proposed survey area.

The permit for Jupiter ICWW Dredging includes special conditions regarding seagrass surveys of proposed anchor and work areas that are outside the channel. It requires pre-identification of best anchor and spudding locations due to abundant seagrass in the area.

St. Lucie County Reach 1

See attached benthic resources survey report

Proposal will include description of proposed survey methods and map of proposed survey area.

ICWW Palm Beach County Lake Worth Lagoon ICW south of Peanut Island

See Benthic Assessment Report for prior survey in ICWW immediately north of the current project site. for survey methods. See map for ICWW and secondary channel survey locations.

Proposal will include description of proposed survey methods and map of proposed survey area.

The project areas have not previously been surveyed by FIND. The survey area may consist of a variety of benthic habitats including consisting of barren bottom, a variety of seagrass habitats, and a variety of hardbottom habitats with an assortment of corals and other species groups. The survey area will include the federal channel and a 100 ft. buffer from the navigation channel design template top of slope. Taylor Engineering will provide the selected contractor with the channel template in the project area. The benthic resources surveys will be conducted as described below.

Seagrass Quantification Methods

The seagrass survey will be conducted using the Johnson's seagrass protocols for large sites and the methods described for recent survey work conducted for ICW deepening just north of the present project site. The survey will include the entire channel and a 100 ft. buffer from the design top of channel Taylor Engineering will provide shapefiles or AutoCAD files with the channel footprint. Method details are provided in attached survey report for an ICWW project immediately north of the project site. Proposals will describe the proposed methods, including any alterations to or refinements of the methods described in the 2012 survey example.

Hardbottom Quantification Methods

1. Identify and quantify location of all hardbottom habitat and characterize different hardbottom habitat types as (1) emergent rock; (2) occasional rock within sand; (3) outcrop; and (4) ledge habitat and other characteristic types as necessary.
2. Perform hardbottom surveys within representative blocks of each habitat type. If water quality or other environmental conditions vary significantly along the project area characterize representative blocks by characteristic environmental condition.
3. Summarize the hardbottom habitat biological communities by hardbottom habitat type including GPS-mapped hardbottom habitat locations, species lists, percent cover, and hard-coral specific size data. Provide example photographs of each habitat types and dominant species / species groups.
4. Survey and locate any hard corals found within the with-project equilibrium slope and for a distance of 10 feet beyond that slope. The species basal size or other (species dependent) characteristic dimension and specific GPS locations of these corals shall be recorded. The contractor shall provide the data to FIND within 30 days of completion of the resource survey and within 60 days of the survey shall provide the GPS coordinates to the Department. The contractor will coordinate with FIND and regulatory agencies to identify and gain approval for a permanent relocation site or sites.
5. Proposals will describe the proposed methods, including any necessary additional details and alterations to the methods described above so that local state and federal regulatory agencies will find the data acceptable for permit application review purposes, including impact and mitigation assessments.

UMAM Development

Complete UMAM Forms Part 1 - Qualitative Description and Part 2 - Quantitative Description for potential impacts. If no potential impacts are identified, provide Part 2 existing environment component only.



CSA Ocean Sciences Inc.

www.csaocean.com

8502 SW Kansas Avenue
Stuart, Florida 34997

Phone: 772-219-3000
Fax: 772-219-3010

MEMORANDUM

Date: 5 May 2016

To: Mr. David Stites, Director, Environmental Services, Taylor Engineering, Inc.

From: Keith Spring, Senior Scientist, CSA Ocean Sciences Inc.
Frederick B. Ayer, II, CSA Ocean Sciences Inc.

Re: Proposal to Conduct the Benthic Resources Survey at the St. Lucie ICW Crossroads Project Area

CSA is pleased to provide our proposal to Taylor Engineering, Inc. (Taylor) to conduct the Benthic Resources Survey at the St. Lucie ICW Crossroads Project Area (**Figure 1**) under a work order from the Florida Inland Navigation District (FIND). The proposed Scope of Services (SOS), the cost for the Benthic Resources Survey and figure depicting the SOS are provided below.

PROPOSED SURVEY METHODOLOGY

CSA will conduct the pre-construction seagrass survey at the St. Lucie ICW Crossroads associated with obtaining permits and meeting permit requirements. The survey will be conducted in two phases: 1) seagrass habitat mapping and 2) estimation of seagrass coverage and, if found, hard bottom characterization. According to the previous survey by Dial Cordy and Associates (2013), no hard bottom was found in the area.

During Phase 1, CSA will conduct a reconnaissance survey to identify seagrass habitats in the St. Lucie ICW Crossroads project area through towed diver surveys. CSA will tow a diver parallel to the navigation channel to identify areas of seagrass which will be recorded in Hypack navigational software interfaced with a Trimble differential Global Positioning System (DGPS). Three CSA personnel (one towed diver, one standby diver, and one vessel operator) will conduct the seagrass diver tows. Observations will be conducted along transects similar to those conducted in the 2013 survey (Dial Cordy, 2013¹). Following identification of seagrass beds *in situ*, geospatial technicians will import Hypack data into Esri ArcGIS to determine the area of seagrass extent within the project boundaries, which will guide transect and quadrat placement for the second phase of the survey.

Seagrass distribution, density and abundance within seagrass beds identified during Phase I will be assessed during the second phase of the survey. Belt transects will be conducted only in areas where seagrasses were found during the first phase.

¹ Dial Cordy and Associates Inc. 2013. Pre-construction submerged natural resource survey for the crossroads maintenance dredging project. Final Report. 21 pp. Submitted to FIND 24 July 2013.

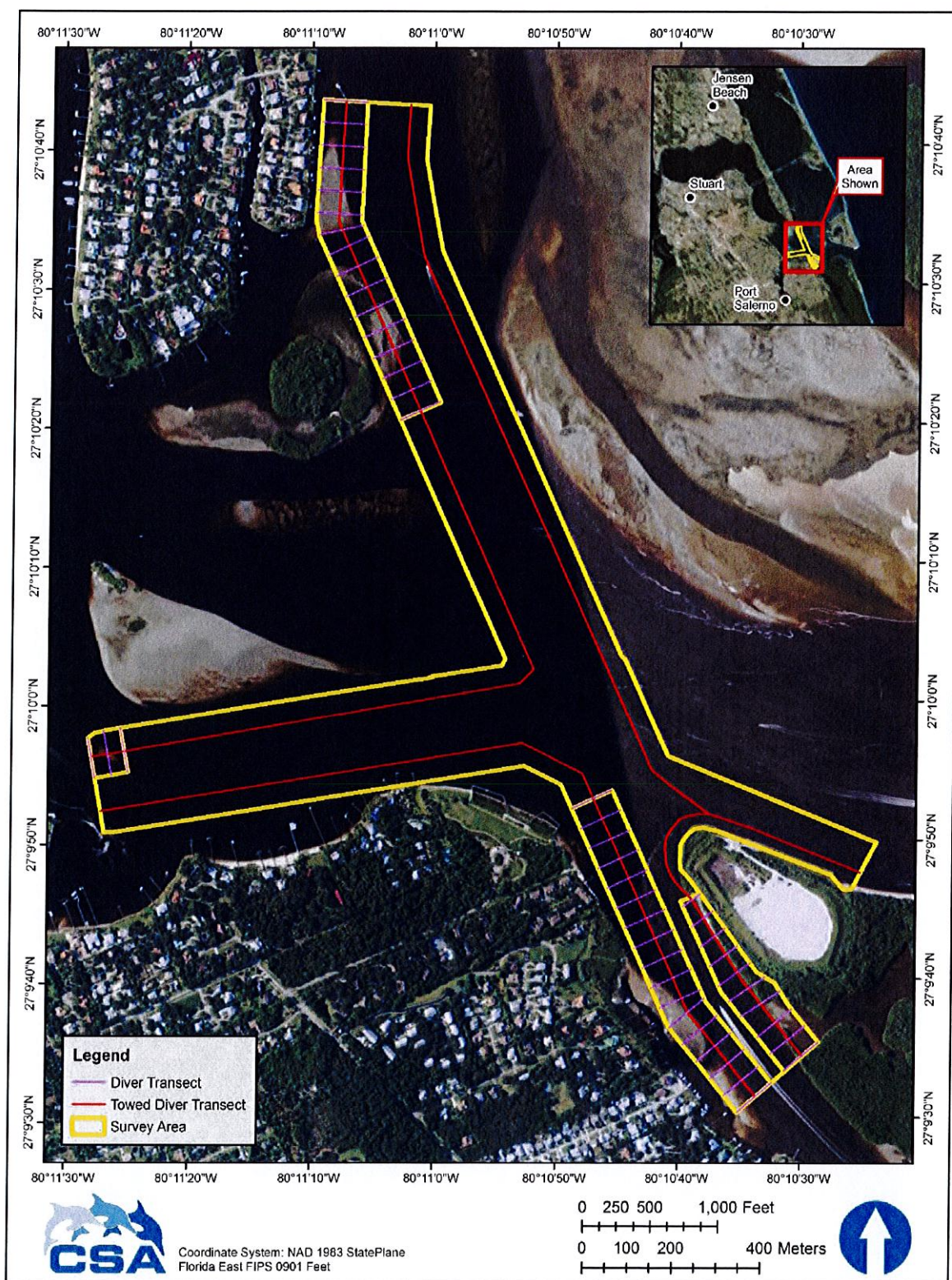


Figure 1. Project location for the benthic resources survey at the St. Lucie ICW Crossroads Project Area.

Seagrass coverage can be spatially autocorrelated if transects are spaced less than 40 m apart (Fonseca, 1996²; Fonseca et al., 2008³); therefore, CSA will survey belt transects spaced approximately 50 m apart. Seagrass species distribution along each transect will be delineated by the divers swimming along a weighted line marked in meters. These data will be added to the ArcGIS database and compiled into seagrass habitat maps. To assess the abundance and density of seagrasses, point intercept methods will be applied along each transect for quadrat (1.0 m × 1.0 m) sampling to estimate species composition, percent cover, abundance, shoot density, and blade length data, as well as presence of flowering, using multiple 10-cm × 10-cm cells. Seagrass coverage will be classified using Braun-Blanquet (1932)⁴ density estimations. A sufficient number of quadrats will be sampled to quantify the minimum of 1% of the area identified as containing seagrass in Phase 1 per the NMFS large area protocols for Johnson's seagrass surveys.

UMAM Forms Part 1 and, if necessary, Part 2, will accompany the draft and final report to be completed as part of this survey.

PROJECT SCHEDULE

Table 1 presents a brief project schedule associated with survey and reporting efforts for the Benthic Resources Survey at St. Lucie County ICW Crossroads.

Table 1. Project schedule.

Tasks	Date
Earliest Survey Start	1 June 2016
Draft Report	12 June 2016
Final Report	30 June 2016

COST SUMMARY

Table 2 provides the total lump sum cost and breakdown by task for the Benthic Resources Survey at St. Lucie County ICW Crossroads.

Table 2. Proposed cost of survey tasks.

Task	St. Lucie County ICW Crossroads Costs (Nearest Dollar)
Fieldwork	\$12,896
UMAM Parts I & II (Impact)	\$1,177
Draft Report	\$2500
Final Report	\$1,326
TOTAL	\$17,889

² Fonseca, M.S. 1996. Scale dependence in the study of seagrass systems, pp. 95-104. In: Kuo, J., R.C. Phillips, D.I. Walker, H. Kirkman (eds.), *Seagrass Biology: Proceedings of an International Workshop*. Jan. 25-29, Rottneest Island, W. Australia, Australia. Faculty of Sciences, Univ. of W. Australia, Jan. 1996. 366 pp.

³ Fonseca, M.S., W.J. Kenworthy, E. Griffith, M.O. Hall, M. Finkbeiner, and S.S. Bell. 2008. Factors influencing landscape pattern of the seagrass *Halophila decipiens* in an oceanic setting. *Est. Coastal Shelf Sci.* 76:163-174.

⁴ Braun-Blanquet, J. 1932. *Plant Sociology: The Study of Plant Communities*. G.B. Fuller and H.S. Conrad (eds.). Koeltz Scientific Books.

CSA appreciates the opportunity to provide our project scope and associated costs. If you have any questions or require additional information, please contact me (772-219-3019; kspring@conshelf.com) at your convenience.



Keith Spring
Senior Scientist



Frederick B. Ayer, II
Vice President, General Manager



CSA Ocean Sciences Inc.

www.csaocean.com

8502 SW Kansas Avenue
Stuart, Florida 34997

Phone: 772-219-3000
Fax: 772-219-3010

MEMORANDUM

Date: 5 May 2016

To: Mr. David Stites, Director, Environmental Services, Taylor Engineering, Inc.

From: Keith Spring, Senior Scientist, CSA Ocean Sciences Inc.
Frederick B. Ayer, II, Vice President, CSA Ocean Sciences Inc.

Re: Proposal to Conduct the Pre-Construction Seagrass Survey for the Maintenance Dredging in the Vicinity of Jupiter Inlet, Florida

CSA Ocean Sciences Inc. (CSA) is pleased to provide our proposal to Taylor Engineering, Inc. (Taylor) to conduct the Pre-Construction Seagrass Survey for the Maintenance Dredging in the Vicinity of Jupiter Inlet for under a work order from the Florida Inland Navigation District (FIND) (**Figure 1**). CSA will use the previously approved survey plan to document the presence of seagrass, specifically *Halophila johnsonii*, using methods approved by the National Marine Fisheries Service (NMFS) and in compliance with the Florida Department of Environmental Protection (FDEP) permit conditions. The proposed Scope of Services (SOS) and cost for the Pre-Construction Seagrass Survey are provided below.

PROPOSED SURVEY METHODOLOGY

In order to meet the FDEP permit condition that states “prior to each subsequent dredging event, a new pre-construction seagrass survey shall be conducted between June 1 and August 31 in the areas where dredging is to occur for each particular maintenance event,” CSA proposes to conduct the survey between June 1 and August 31, 2016 using and previously approved survey methods. The benefits of having CSA perform this survey for FIND include our familiarity with the site conditions, ease of data transfer, and consistency in the quality of reporting (CSA was contracted by FIND in 2013 and 2014 to conduct similar surveys at this site).

CSA has included cost estimates for two areas in the vicinity for this survey and can conduct this survey separately or combined. Transects within Cuts P-1, P-2, P-3, and P-4 were grouped as one area and the Crossroads portion west of the US 1 bridge was costed as a separate area. CSA proposes to conduct the survey on all areas required. CSA will use the pre-plotted transect locations and a diver-operated navigation system to swim along the transects and conduct a line-intercept sampling approach. Along each transect within the Atlantic Intracoastal Waterway and anchor zones, CSA will collect data to determine seagrass percent cover, abundance, and species composition using the same quantitative sampling approach as previously approved. CSA proposes a reconnaissance diver swim to confirm the absence of seagrass within areas historically devoid of seagrass in previous surveys.

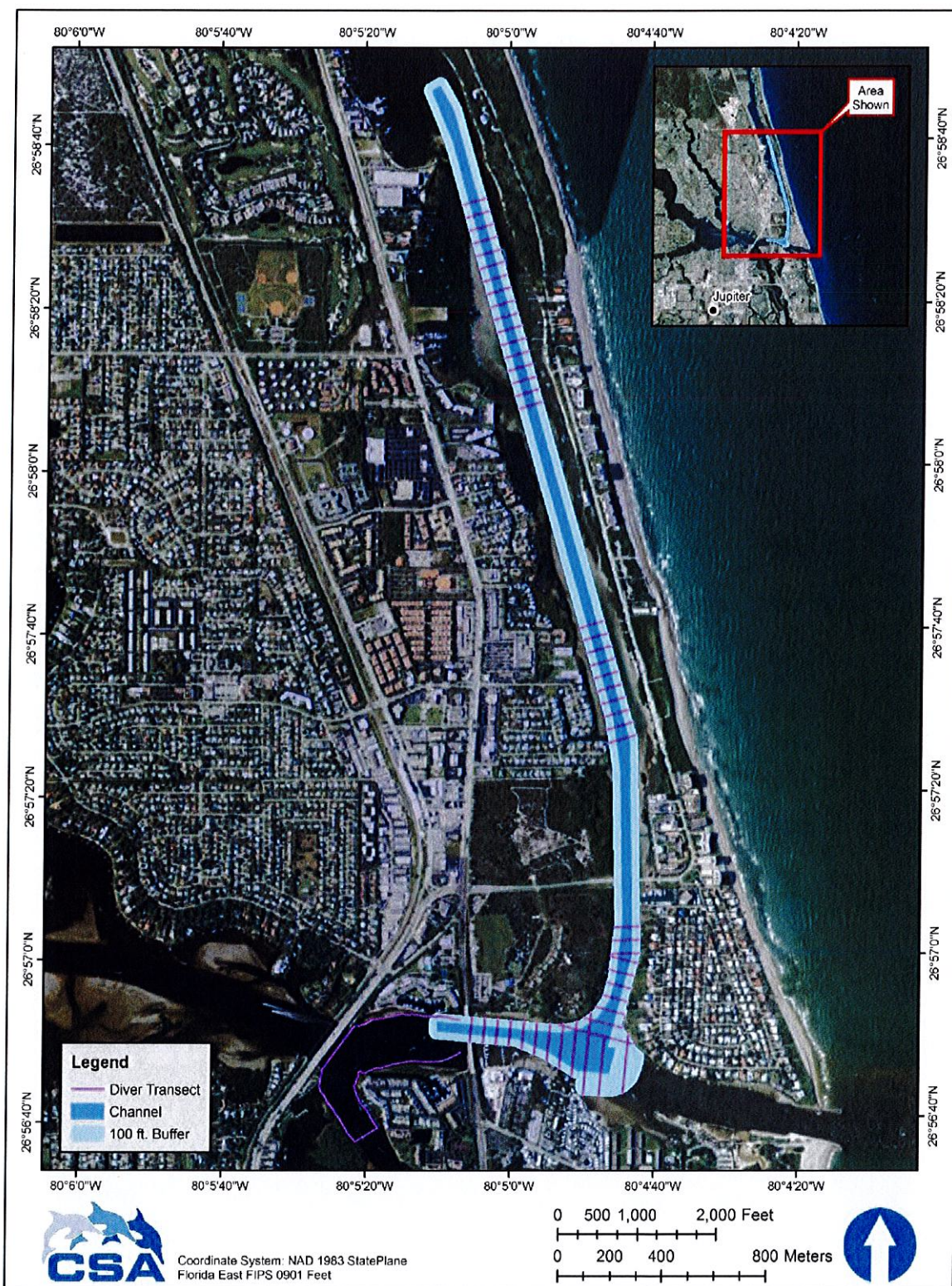


Figure 1. Project location for the Pre-Construction Seagrass Survey for the Maintenance Dredging in the Vicinity of Jupiter Inlet, Florida.

CSA will conduct the Pre-Construction Seagrass Survey after 1 June 2016 and prepare a report and map of the survey results (**Table 1**). The survey map will include water depths and bottom contours and indicate the locations of all seagrass within the survey area. The final deliverable will include written survey reports and accompanying maps of the surveyed areas in hard and digital formats. Digital maps will be provided in ARCHINFO GIS as well as CAD.

Table 1. Project schedule.

Tasks	Date
Earliest Survey Start	1 June 2016
Draft Report	20 July 2016
Final Report	30 July 2016

COST SUMMARY

Table 2 provides the total lump sum cost and breakdown by task for the Jupiter Inlet ICWW Pre-Construction Seagrass Survey.

Table 2. Proposed cost of survey tasks for Jupiter Inlet.

Task	Transects (Cut P-1, P-2, P-3, and P-4)	Crossroads (West of US 1 bridge)
Fieldwork	\$13,923	\$3,481
UMAM Parts I & II (Impact)	-	-
Draft Report	\$2,606	\$870
Final Report	\$1,117	\$371
TOTAL	\$17,646	\$4,722
COMBINED TOTAL	\$22,368	

CSA appreciates the opportunity to provide our project scope and associated costs to conduct the Jupiter Inlet ICWW Pre-Construction Seagrass Survey. If you have any questions or require additional information, please contact me (772-219-3019; kspring@conshelf.com) at your convenience.



Keith Spring
Senior Scientist



Frederick B. Ayer, II
Vice President, General Manager



August 4, 2023

Monthly Report for the Florida Inland Navigation District

TO: Mark Crosley, Executive Director
Janet Zimmerman, Assistant Executive Director

FROM: Jim Davenport, Partner

Congress headed for the exits on July 28th, with the Senate scheduled to return on September 5th and the House coming back on September 12th. The Senate Appropriations Committee approved all 12 of its Fiscal Year (FY) 2024 appropriations bills before leaving town. Those bills are expected to begin moving to the full Senate for consideration in September. The House Appropriations Committee approved 10 of its 12 FY 2024 appropriations bills and passed one bill, the Military Construction, Veterans Affairs and Related Agencies Appropriations Act, prior to the recess.

On July 20, the Senate Appropriations Committee marked up the Fiscal Year 2024 Energy and Water Appropriations Bill, which includes the administration's budget request of \$4,054,000 for the Intracoastal Waterway. The bill provides \$8.934 billion in total funding for the Corps of Engineers, which is roughly \$1.5 billion more than the administration's budget request to congress. The House bill also includes \$4,050,000 for the IWW and includes \$9.57 billion for the Corps, which is a bit of an anomaly given many of the House appropriations bills put forward have significant funding cuts.

The Senate Energy and Water bill also includes funding in the following categories: Navigation Maintenance - \$10 million; Inland Waterways - \$10 million; Small, Remote, or Subsistence Navigation - \$178 million, which is a large allocation. While the House bill provides the following: Navigation maintenance - \$20 million; Inland Waterways - \$40 million; Small, Remote, or Subsistence Navigation - \$65 million. These numbers might get considerably smaller during conference negotiations so the House and Senate Appropriations Committees can make room for each chamber's congressionally directed spending priorities. Once final numbers in these categories are set, we can pursue additional maintenance dredging funding in the Corps Work Plan later this year.

While progress has been made on getting appropriations bills marked up, there are significant concerns on Capitol Hill that we are headed for a government shutdown on September 30th. The conservative House Freedom caucus has pushed the House Appropriations Committee to make significant cuts, around 25%, to many of the appropriations bills, and derailed floor consideration of the Agriculture Appropriations bill right before recess. There is a strong possibility some of the bills will not have the full support of House Republicans, and with no support from Democrats given the steep cuts, bills can't move through the House. Freedom Caucus Member Bob Good (R-VA) mused last week that if the government shuttered briefly this fall, "most Americans won't even miss" it.

Hopefully recess will provide some in the House to consider the ramifications of a shut down and that cooler heads will prevail when Congress returns.

Please contact me with any questions.