

PRELIMINARY AGENDA

FLORIDA INLAND NAVIGATION DISTRICT Board of Commissioners Meeting

9:00 a.m., Friday, September 8, 2017

**Hilton Singer Island
3700 North Ocean Drive
Riviera Beach, FL 33404-2806
(Palm Beach County)**

Item 1. Call to Order.

Chair Netts will call the meeting to order.

Item 2. Pledge of Allegiance.

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

Item 3. Roll Call.

Secretary Gernert 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) Keep Martin Beautiful International Coastal Cleanup Project, Martin County, FL.
- b) City of South Daytona Small-Scale Derelict Vessel Removal Program Application, Volusia County, FL.
- c) Broward County Small-Scale Derelict Vessel Removal Program Application, Broward County, FL.

(Please see back up pages 7-21)

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, 2017 – Finance & Budget Committee Mtg. (Please see back up pages 22-24)
- June 16, 2017 – Board Meeting (Please see back up pages 25-5)
- June 17, 2017 – Board Meeting (Please see back up pages 56-77)
- July 21, 2017 – Finance & Budget Committee Mtg. (Please see back up pages 78-81)
- July 21, 2017 – Board Meeting (Please see back up pages 82-102)

RECOMMEND: Approval of the minutes as presented.

Item 8. Staff Report on Palm Beach County Area Projects.

Staff will present a report on the District's Palm Beach County area projects. (Please see back up pages 103-119)

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

U.S. Army Corps of Engineers (USACE) Intracoastal Waterway Project Manager, Ms. Shelley Trulock, is scheduled to present an update on projects and activities.
(Please see back up pages 120-127)

Item 10. Presentation and Review of the Economic Analysis Update of Palm Beach County Waterways, Palm Beach County, FL.

Ms. Valerie Seidel and staff from The Balmoral Group are scheduled to provide a summary presentation of the Economic Analysis Update of Palm Beach County Waterways. The original contract with the consultant was structured for a successful conclusion of the Palm Beach County leading to updates for the remaining eleven counties within the District.
(Please see back up pages 128-153)

A proposal for Miami-Dade, Brevard and Flagler counties will be presented at the Board meeting.

RECOMMEND: Approval of a scope of work and fee quote in the amount of \$229,614.00 from The Balmoral Group to conduct Economic Updates to Miami-Dade, Brevard and Flagler Counties, FL.

Item 11. Purchase of Freshwater Wetland and Saltwater Mitigation Credits in Regional Watershed Mitigation Basin #21 (DMMA BV-4B), Brevard County, FL.

To remediate freshwater wetland impacts for the construction of Dredged Material Management Area (DMMA) BV-4B, and to remediate minor saltwater habitat impacts from the proposed pipeline route, it will be necessary to purchase the following (at minimum): Herbaceous credits 1.54; Forested credits 2.51; and Saltwater credits 0.1. All ratios were calculated utilizing the standard Uniform Mitigation Assessment Methodology (UMAM).

Item 11. (cont.)

Although DMMA BV-4B is in Regional Watershed Mitigation Basin #21 (Northern Indian River Lagoon), credits will be purchased from Basin #18. There are no available mitigation banks located in Basin #21, and no other available mitigation banks in this region.

The upland credits will be purchased from the Farnton Mitigation Bank at a total value of \$587,250.00. The saltwater credits will be purchased from CGW at a total value of \$32,000.00. Mitigation is necessary to obtain the permit for site development.

(Please see back up pages 154-162)

RECOMMEND: Approval of the purchase of UMAM freshwater and saltwater wetland credits in Regional Watershed Mitigation Basin #21 at a total cost of \$619,250.00 for mitigation of the construction of DMMA BV-4B, Brevard County, FL.

Item 12. **Status Report of the Palm Beach County Dredging Reach III South Maintenance Dredging Project, Palm Beach County, FL.**

The District and Taylor Engineering have experienced technical and permitting difficulties pertaining to the Palm Beach County Reach III South Maintenance Dredging Project. Our Engineer will provide a brief update and status report on this project.

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

Item 13. **Scope of Services and Fee Quote for Professional Engineering Services for Reach III South Maintenance Dredging of the Intracoastal Waterway, Palm Beach County, FL.**

Taylor Engineering has submitted a scope of services and fee quote for engineering services for the maintenance dredging of the south portion of Palm Beach Dredging Reach III. This section of the Intracoastal Waterway (IWW) has not been dredged in over 40 years.

There are up to thirty-two (32) identified utility crossings in this reach, each of which will need to be reviewed by the U.S. Army Corps of Engineers (USACE), verified for location and depth, and coordinated with the utility owner for relocation, as applicable.

The survey and field verification of these utilities is a substantial (\$162,265.00) portion of the total cost proposal (\$257,494.14). The field work may be significantly reduced if the number of utilities impacting the dredging project is reduced.

The project will restore the federally-authorized channel to -10', with an additional -2' over-dredge. Approximately 85,000 cu/yds of material has been preliminary identified for removal and placement in DMMA-PI (Peanut Island).

(Please see back up pages 163-172)

RECOMMEND: Approval of a scope of work and fee quote in the amount of \$257,494.14 (which includes \$162,265.00 for sub-consultant survey and diver location services) from Taylor Engineering for Engineering Services for Palm Beach Reach III South Maintenance Dredging of the Intracoastal Waterway, Palm Beach County, FL.

Item 14. **Scope of Services and Fee Quote for Professional Engineering Services to Design and Permit the Maintenance Dredging of Flagler Reach I Project, Flagler County, FL.**

Taylor Engineering has submitted a scope fee quote for professional design and engineering services for the maintenance dredging of the Flagler Reach I. This area of the waterway will be dredged to the federally-authorized depth of -12', with an additional -2' over-dredge. The material will be placed in the recently completed Dredged Material Management Area (DMMA) FL-3. Dredging of this reach has not occurred for over 30 years. Early dredging quantity calculations are 193,000 cu/yds.

Staff have reviewed the proposal and found it accurate and consistent with similar efforts.

(Please see back up pages 173-182)

RECOMMEND: Approval of a scope of work and fee quote in the amount of \$81,077.56 from Taylor Engineering for professional design, engineering and permitting services for the maintenance dredging of Flagler Reach I, Flagler County, FL.

Item 15. **Assistance Projects Extension Requests.**

Several Waterway Assistance Program (WAP) Project Sponsors have requested extensions of their FY 2015-16 project agreements. In accordance with Chapter 374,96 F.S. and Rule 66B-2.009(1), these agreements can be extended by Board approval for one (1) additional year. (Revised project expiration date for each project will be September 30, 2018).

(Please see back up pages 183-207)

RECOMMEND: Approval of the requested project agreement extensions for one additional year.

Item 16. **Assistance Program Rule Revision.**

Each year, upon completion of the assistance program application cycle, staff reviews the program, notes the Commissioners' comments, and proposes changes to the assistance program rules that would improve the process for the District and the applicants. Based on comments at the July 2017 meeting, staff has prepared specific rule language for recommended adoption. These changes would apply only to the Waterways Assistance Program (WAP) rule.

(Please see back up pages 208-210)

RECOMMENDED: Approval of the proposed Assistance Program Rule revisions for rulemaking.

Item 17. **Regulatory Plan Rule Adoption.**

Florida Statute 120.74 requires the District to prepare a regulatory plan to include a listing of each law the District expects to implement by rulemaking prior to July 1, 2018. Pursuant to this statute, staff has prepared a plan for the Board's review and approval. The plan must be submitted to the Florida Joint Administrative Procedures Committee (JAPC) prior to October 1, 2017.

(Please see back up pages 211-213)

RECOMMEND Approval of the District's Regulatory Plan for FY 2017-18.

Item 18. **Scope of Services and Fee Quote for Professional Engineering Services to Conduct a Review and Analysis of District-Wide Intracoastal Waterway Dredging Efficiencies.**

At the July 21, 2017 regular meeting, the Board requested a proposal from Taylor Engineering reviewing current and future dredging policies and technologies. Taylor Engineering has proposed an initial limited effort to: 1) Review available documentation on dredging technology, methodology and disposal placement alternatives; 2) Review dredging histories and efficiencies for the Intracoastal Waterway and eastern Florida ports; 2) Provide a summary report.

(Please see back up pages 214-219)

RECOMMEND: Approval of a scope of services and fee quote in the amount of \$53,348.00 from Taylor Engineering for Professional Engineering Services to review and evaluate dredging efficiencies and technologies as applicable to the Intracoastal Waterway, FL.

Item 19. **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 20. **Washington D.C. Report.**

The District's federal governmental relations firm has submitted a status report concerning activity pertaining to the District's federal issues. Discussion and details of the annual federal legislative meetings will also be discussed.

(Please see back up pages 220-221)

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

Item 21. **Additional Staff Comments and Additional Agenda Items.**

- Proposed Date, time and location for the District's Final Budget & Tax Hearing:
 - TBA
-

Item 22. **Additional Commissioners Comments.**

Item 23. **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., Saturday, September 8, 2017

Hilton Singer Island Oceanfront
3700 North Ocean Drive
Riviera Beach (Singer Island), Palm Beach County, FL 33404

Item A. **Keep Martin Beautiful International Coastal Cleanup Project in Martin County**

Keep Martin Beautiful has submitted a request for its annual International Coastal Cleanup Project in Martin County occurring on September 16, 2017. The District has funded this successful cleanup in the past. The request is for \$5,000. The proposal is consistent with the District's program rules.

(Please see back up pages 7-11)

RECOMMEND: Approval of a Keep Martin Beautiful request for \$5,000.00 from the District's Waterway Cleanup Program for the Annual International Coastal Cleanup, Martin County, FL.

Item B. **City of South Daytona Small-Scale Derelict Vessel Removal Program Application, Volusia County, FL.**

The City of South Daytona has submitted a funding assistance request for the removal of one (1) derelict vessel located on the District's waterways within Volusia County. The total project cost is estimated to be \$5,500.00. Consistent with Rule 66B-2.015, Small-Scale Derelict Vessel Removal Projects, the project is eligible for up to 75% District funding reimbursement. The City of South Daytona is requesting \$4,125.00 (75%) in District funding reimbursement.

(Please see back up pages 12-17)

RECOMMEND Approval of the City of South Daytona's request for up to \$4,125.00 cost-share reimbursement through the District's Small-Scale Derelict Vessel Removal Projects program, Volusia County, FL.

Item C. **Broward County Small-Scale Derelict Vessel Removal Program Application, Broward County, FL.**

The Broward County Sheriff's Office has submitted a funding assistance request for the removal of two (2) derelict vessels located on the District's waterways within Broward County. The total project cost is estimated to be \$51,220.00. Consistent with Rule 66B-2.015, Small-Scale Derelict Vessel Removal Projects, the project is eligible for up to 75% District funding reimbursement. Broward County is only requesting \$24,900.00 (49%) in District funding reimbursement.

(Please see back up pages 18-21)

RECOMMEND: Approval of the Broward County's request for up to \$24,900.00 cost-share reimbursement through the District's Small-Scale Derelict Vessel Removal Projects program, Broward County, FL.

July 2017

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

**2016/2017
Board
Members**

Dear Mrs. Zimmerman:

OFFICERS

Craig Ahal
President

Josh Ferraro
Vice President

Jennifer Stull-Wise
Treasurer

Anne Ellig
Secretary

Thank you for the past support the Florida Inland Navigation District has provided to Keep Martin Beautiful to assist our annual Coastal Cleanup initiative. Once again, we had a great turnout last fall with nearly 2,000 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 hit the water. Cigarette butts remain our biggest issue, with more than 6,000 butts removed during the event. 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 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. This year's event will take place on Saturday, September 16, 2017.

DIRECTORS

Adriana Mancini

Stuart Trent

Pat Yancey

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. With your support we expect another successful year for Florida's Coastal Cleanup.

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

Sincerely,



Craig Ahal
KMB President



Martin County Coastal Engineering

Project Name: KMB Beaches & Parks
Created By: Jessica Garland
Plot Date: 7/20/2017

Martin County Parks and Beaches





Martin County Parks and Beaches in South County

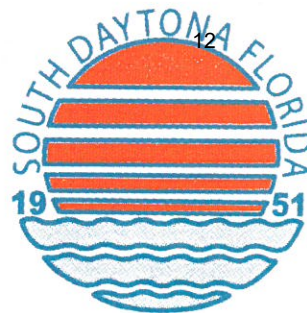


2017 Proposed Budget		
International Coastal Clean Up		
	KMB & Matching	Proposed FIND 2017
T-Shirts	\$ 4,400.00	\$ 3,000.00
Postage	\$ 15.00	N/A
Printing & Design	\$ 750.00	\$ 900.00
Website Updates	\$ 250.00	\$ 250.00
Food & Beverage	\$ 250.00	N/A
Sponsor Recognition	\$ 100.00	\$ 100.00
Phone/Fax	\$ 1,700.00	N/A
Email Promotion	\$ 120.00	N/A
Mesh Recyclable Bags	\$ 300.00	\$ 300.00
Staff Time	\$ 3,250.00	N/A
Pick up Sticks	\$ 500.00	\$ 450.00
Totals	\$ 11,635.00	\$ 5,000.00

City of South Daytona

Office of the City Manager

Post Office Box 214960 • South Daytona, FL 32121 • 386/322-3010 • FAX 386/322-3008



August 7, 2017

Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477

Dear Ms. Zimmerman,

Attached please find an application for FIND's Small-Scale Derelict Vessel Removal Program. I have included Attachment A and Attachment B as well as a map, photos, proof of posting, police report and a contractor proposal to remove the vessel.

Please let me know if you require any further documentation.



Jeanne Willard
Grant Manager

ATTACHMENT A

**FLORIDA INLAND NAVIGATION DISTRICT
SMALL-SCALE DERELICT VESSEL REMOVAL PROGRAM APPLICATION**Applicant: City of South DaytonaProject Title: South Daytona Derelict Vessel RemovalContact Person: Steve PignataroTitle: Police CaptainAddress: City of South Daytona, 1672 S. Ridgewood Ave.South Daytona, FL Zip Code: 32119Telephone: 386-322-3059 Fax: 386-322-3055Email: Spignataro@southdaytona.orgNumber of Vessels and waterway locations: 1 Vessel (33 ft. Sea Ray) located in the rear waterway of 2301 S. Palmetto Ave., South Daytona, FL

(Please include pictures and map locations on a separate worksheet)

Vessel Distance from the Intracoastal Waterway Approximately 2500 feet from the ICW main channelTotal Estimated Costs to removal all vessels: \$5,500.00 ; FIND Funding Requested: \$ 4,125.00% 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: An application for \$1,375.00 in matching funds is being pursued through the Volusia County Coastal Division – Inlet and Port District.Other (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: 08-07-17

(See Rule Sections 66B-2.005, 2.008 & 2.015 for eligibility and funding ratios)

VESSEL LOCATION AND IDENTIFICATION: A 1989, 33' Sea Ray, Florida Tag #FL0651LW, BHN#1370J889, located in the waterway adjacent to 1930 S. Palmetto Ave., South Daytona, FL.

**** TOTALS =** \$ 1 vessel \$ 5,500.00 \$ 4,125.00

SOUTH DAYTONA
DERELICT VESSEL REMOVAL

Ruler

Line Path

Measure the distance between two points on the ground

Map Length: 2,509.06 Feet

Ground Length: 2,509.06

Heading: 62.74 degrees

☒ Mouse Navigation

Save Clear

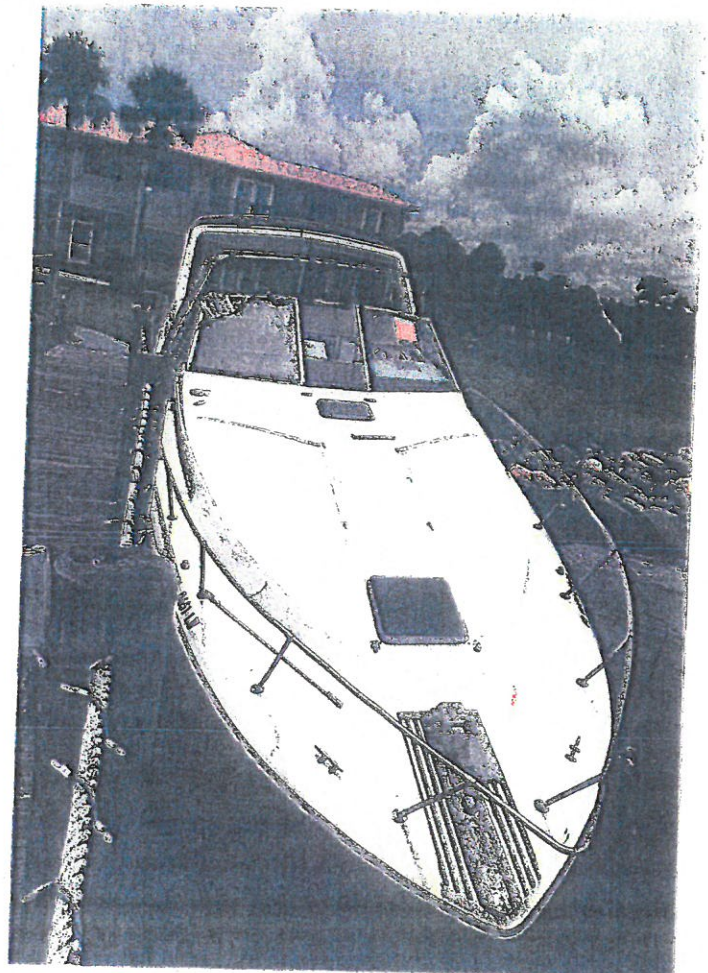
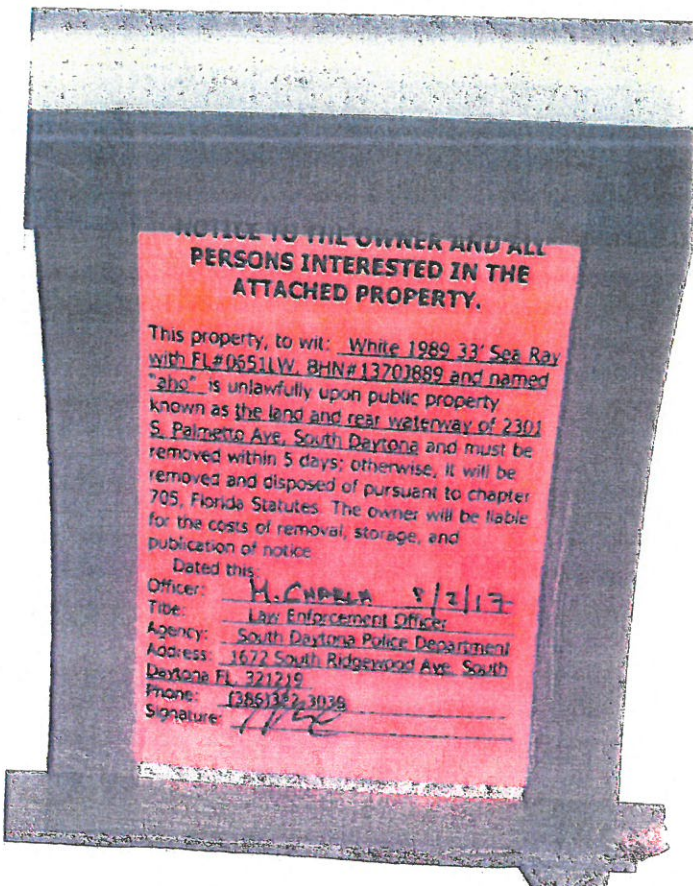
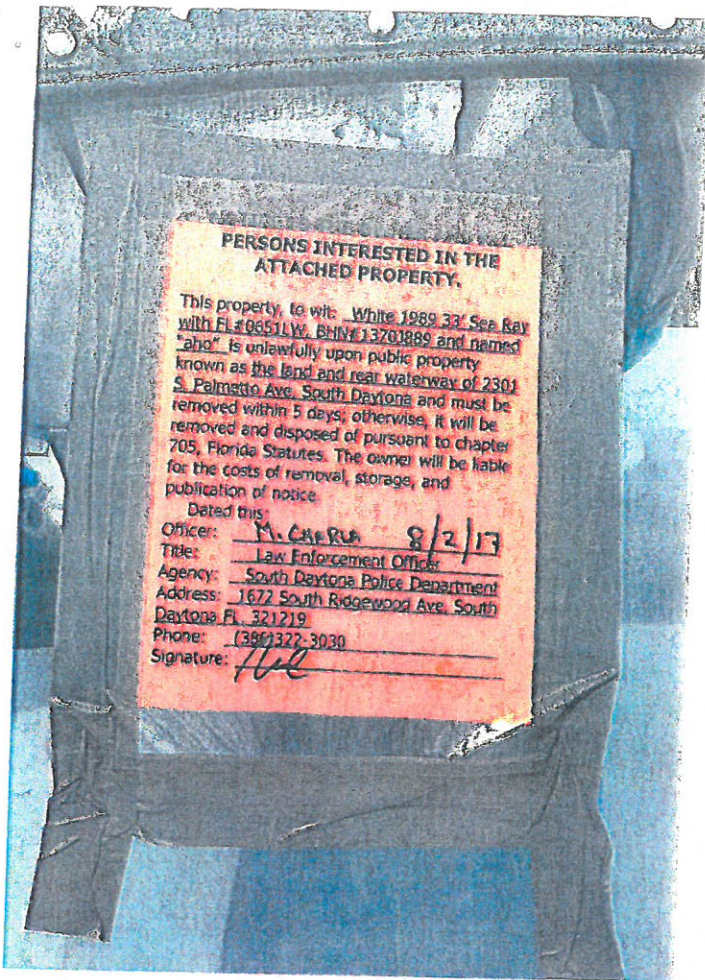
Approx. 2500 feet
from ICW main
channel

Derlict vessel
located at
2301 S. Palmetto
Ave.
South Daytona

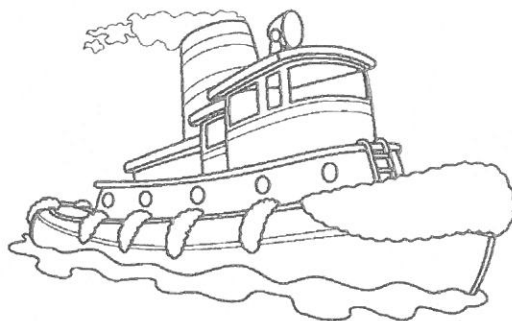
Google Earth

Imagery Date: 3/20/2017 lat 29.183427° lon -80.999082° elev 0 ft eye alt 12555 ft

**SOUTH DAYTONA
DERELICT VESSEL REMOVAL**



17 03 00006



East Coast Ocean Sports, Inc.
914 Wells Drive
South Daytona, FL 32119
386.235.2084

PROPOSAL

August 2, 2017

City of South Daytona
1672 S. Ridgewood Avenue
South Daytona, FL 32119

Removal and disposal of abandoned/derelict vessel located at 2301 S. Palmetto Drive, South Daytona, Florida.

Total Cost for removal and disposal, including environmental preparation for hazardous materials, will be \$5,500.

If you have any questions, feel free to give me a call. Thank you.

A handwritten signature in black ink, appearing to read 'Mike DeBloom'. The signature is stylized with a large, looped 'M' and a cursive 'DeBloom'.

Mike DeBloom
Owner

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

Applicant: Broward Sheriff's Office

Project Title: Broward County Derelict Vessel Removal Project

REC'D K

Contact Person: Leslie A. Ceden

JUL 26 2017

Title: Grants Coordinator, Broward Sheriff's Office

Florida Inland
Navigation District

Address: 2601 W. Broward Boulevard

Fort Lauderdale

Zip Code: 33312

Telephone: 954-321-4201

Fax: N/A

Email: Leslie_Cedeno@sheriff.org

Number of Vessels and waterway locations: 50' sunken barge, 29' sunken powerboat east of ICW channel.
(Please include pictures and map locations on a separate worksheet)

Vessel Distance from the Intracoastal Waterway: They are approximately 450' from the ICW channel.

Total Estimated Costs to removal all vessels: \$51,220.00 ; FIND Funding Requested: \$24,900.00
% of total cost: 48.6% . 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: \$26,320.00, Matching funds come from the Broward
Boating Improvement Program.

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 (FFWCC) (or other
applicable marine law enforcement agency) as derelict? No If not, explain: The FFWCC is in the
process of having the barge declared a derelict. The other boat had been declared a derelict by the FWC

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: Heather Mitchell

DATE: 7/26/17

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

PROJECT COST ESTIMATE

(See Rule Sections 66B-2.005, 2.008 & 2.015 for eligibility and funding ratios)

APPLICANT: Broward Sheriff's Office

PROJECT: Broward County Derelict Vessel Removal Project

VESSEL LOCATION AND IDENTIFICATION: _____

Project Elements <i>(Please list the project cost elements and provide a general cost break out for each one.)</i>	Quantity Estimated Cost (Number or cost per vessel)	Applicant's Cost	FIND Cost
50' sunken barge	\$42,320.00	\$21,750.20	\$20,570.00
29' sunken SeaRay powerboat	\$8,900.00	\$4,570.00	\$4,330.00

**** TOTALS =** **\$ 51,220.00** **\$ 26,320.20** **\$ 24,900.80**

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 \$30,000 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.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Finance and Budget Committee Meeting

8:00 a.m., Friday, June 16, 2017

DoubleTree by Hilton Cocoa Beach Oceanfront

2080 North Atlantic Avenue (S.R. AIA)

Cocoa Beach, Brevard County, Florida 32931-3333

ITEM 1. Call to Order.

Committee Chair McCabe called the meeting to order at 8:00 a.m.

ITEM 2. Roll Call.

Assistant Executive Director Janet Zimmerman called the roll and Committee Chair McCabe, Vice-Chair Donaldson, Treasurer Blow and Commissioner Sansom were present. Ms. Zimmerman stated that a quorum was present.

ITEM 3. Additions or Deletions.

Committee Chair McCabe asked if there were any additions or deletions to the meeting agenda. Mr. Crosley stated that there were no additions or deletions to the meeting agenda.

Treasurer Blow made a motion to approve the agenda as presented. The motion was seconded by Vice-Chair Donaldson. Committee Chair McCabe asked for any further discussion, hearing none, a vote was taken and the motion passed unanimously.

ITEM 4. Election of a Committee Chair.

Treasurer Blow made a motion to approve Commissioner McCabe continuing as the Finance and Budget Committee Chair. The motion was seconded by Vice-Chair

Donaldson. Committee Chair McCabe asked for any further discussion, hearing none, a vote was taken and the motion passed.

Commissioner McCabe accepted the appointment.

Commissioner Sansom made a motion to close the nomination for the Finance and Budget Committee Chair. The motion was seconded by Vice-Chair Donaldson. Committee Chair McCabe asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 5. Public Comments.

Committee Chair McCabe asked if there were any public comments on issues that are not on today's agenda. There were none.

ITEM 6. Financial Statements for April 2017.

Mr. Crosley presented the District's April 2017 financial statements.

Mr. Crosley stated that the District has received approximately 90% of the current year's tax revenue. Tax Certificates for delinquent taxes are being paid.

Mr. Crosley referred to the District's Accounts payable's project retainage and noted that retainage is held for Phase I Assistance and dredging projects.

Mr. Crosley stated that the Broward Deepening Project has been completed and Port Everglades has returned the District's \$2.5 million reserve. He asked for questions. There were none.

Treasurer Blow made a motion to approve a recommendation to the full Board of the financial statements for April 2017. The motion was seconded by Commissioner Sansom. Committee Chair McCabe asked for any additional discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 7. April 2017 Budget Summary and Project Status Expenditure Reports.

Mr. Crosley presented the Budget Summary and Project Status Expenditure Reports for April of 2017. All projects are on track and many have been completed.

Commissioner Sansom inquired about the material in the area of the power-line-cables in the Intracoastal Waterway (IWW) in Broward County. Mr. Crosley stated that the power-line-cables have not been moved. When they are moved, the plan is to dredge that area when the City of Fort Lauderdale dredges the Las Olas Basin and Bahia Mar. Material placement will be determined as the project moves forward.

Committee Chair McCabe asked if there were any additional questions. There were none.

ITEM 8. Delegation of Authority Report.

Mr. Crosley presented the Executive Director's Delegation of Authority Report and stated that three (3) actions were taken from May 9, 2017 through June 2, 2017. He asked for questions. There were none.

ITEM 9. Additional Agenda Items or Staff Comments.

Committee Chair McCabe asked if there were any additional agenda items or staff comments. There were none.

ITEM 10. Additional Commissioners Comments.

Committee Chair McCabe asked if there were any additional Commissioner comments. There were none.

ITEM 11. Adjournment.

Committee Chair McCabe stated that hearing no further business the meeting was adjourned at 8:14 a.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

8:15 a.m., Friday, June 16, 2017

Board of Commissioners Meeting

DoubleTree by Hilton Cocoa Beach Oceanfront

2080 North Atlantic Avenue (S.R. AIA)

Cocoa Beach, Brevard County, Florida 32931-3333

ITEM 1. Call to Order.

Chair Netts called the meeting to order at 8:15 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.

Assistant Executive Director Janet Zimmerman called the roll and Chair Netts, Vice-Chair Donaldson, Treasurer Blow, Commissioner Cuzzo, Commissioner Isiminger, Commissioner McCabe, Commissioner Sansom and Commissioner Williams were present. Secretary Gernert, Commissioner Crowley and Commissioner O'Steen were absent. Ms. Zimmerman stated that a quorum was present. Also in attendance were Executive Director Mark Crosley and Attorney Peter Breton. Commissioner Crowley and Commissioner O'Steen arrived at 8:30 a.m.

The following visitors were present: Ms. Jessica Chui, Florida Department of Environmental Protection; Ms. Lauren Cruz, Florida Department of Environmental Protection; Ms. Kim King-Wrenn, U. S. Fish and Wildlife Service; Ms. Beth Lemke, City

of Daytona Beach, City of Holly Hill; Mr. Shailesh Patel, City of Edgewater; Mr. Khalid Resheidat, City of New Smyrna Beach; Mr. David Young, City of Ormand Beach; Mr. Alan Rosen, City of Port Orange; Mr. Timothy Baylie, Volusia County; Mr. Tim Fleming, City of St. Augustine; Captain Eric Hellstrom, St. Johns County Fire Rescue; Ms. Dorothy Mills-Mayers, Mr. Tom Morgan and Ms. Kathy Haley, Miami-Dade County; Mr. Robert Ruano, City of North Miami Beach; Mr. Bruce Mowry and Ms. Judy Hoanshelt, City of Miami Beach; Mr. Bob Weinrib, City of Miami; Ms. Kayle W. Moore, P.E. City of Atlantic Beach; and Mr. Brian Burket, City of Jacksonville.

ITEM. 4. Additions or Deletions.

Chair Netts asked if there were any additions or deletions to the agenda.

Ms. Zimmerman stated that she would like to delete from the agenda: Item 9.3, Eau Gallie to IWW, St. Johns River Water Management District; and, Item 10.27, Maurice Gibb Waterfront Park and Boardwalk, City of Miami Beach. Both applications were previously withdrawn.

Commissioner Isiminger made a motion to approve the final agenda as amended. The motion was seconded by Commissioner Sansom. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 5. Public Comments.

Chair Netts asked if there were any public comments on issues that are not on today's agenda. There were none.

ITEM 6. Board Meeting Minutes.

Chair Netts asked if there were any comments or questions regarding the May 19, 2017 Nomination Committee, Finance and Budget Committee Meeting and Board meeting minutes. There were none.

Commissioner Williams made a motion to approve the May 19, 2017 meeting minutes as presented. The motion was seconded by Commissioner Sansom. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 7. Finance and Budget Committee Report.

Committee Chair McCabe stated that the District's Finance and Budget Committee met before today's Board meeting. She stated that the Committee reviewed and recommends approval of the April 2017 financial information.

Commissioner McCabe made a motion to approve the District's April 2017 financial information. The motion was seconded by Commissioner Sansom. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 8. Staff Report on Brevard County Area Projects.

Mr. Crosley stated that Phase I of the Dredged Material Management Plan (DMMP) for the Intracoastal Waterway (IWW) in Brevard County was completed in 1989. This plan identified an estimated dredging requirement of approximately four (4) million cubic yards of material over the next fifty (50) years. The authorized channel is 78 miles-long, divided into 6 dredging reaches, with an authorized federal channel depth of -12 feet. Phase II of the DMMP was completed in 1994, identifying eight (8) properties for the development of Dredged Material Management Areas (DMMA's).

Mr. Crosley stated that the 50-year storage projection for the 78 miles of channel in Brevard County is approximately 7.6 million cubic yards, the third highest of the District's 12 counties.

Mr. Crosley stated that DMMA's BV-2C, BV-NASA, and BV-52 have been fully constructed. DMMA's BV-4B, BV-R, BV-11, and BV-40 have completed Phase I development. The permit application for the construction of BV-4B has been submitted and site construction is expected to occur in early 2017. Permitting and engineering for DMMA BV-11 is expected to start late in 2017.

Mr. Crosley stated that Brevard County successfully utilized DMMA BV-52 for muck dredging of Turkey Creek. The county also has plans to utilize DMMA BV-4B for muck dredging in the vicinity of the Mims public boat ramp. Due diligence (geotechnical investigation, permitting and preliminary engineering) are continuing in order to facilitate a property exchange with Brevard County for an adjacent, county-owned property (DMMA BV-24A). The exchange would preserve scrub jay habitat and lessen the District's site permitting and development requirements.

Mr. Crosley stated that the most recent dredging occurred in 2000 when approximately 1.2 million cubic yards of material was dredged from Reach 1 in northern Brevard County and placed in BV-2C. Brevard County is undertaking several muck dredging projects for environmental benefits. These projects are utilizing District DMMA's for material dewatering. The dredged material would then be removed to a permanent location. Plans to dredge Brevard Reach II will follow the completion of the construction of DMMA BV-4B, expected by 2018.

Mr. Crosley stated that the District is currently updating all Economic Impact Studies and noted that the Intracoastal Waterway (IWW) in Brevard County generates \$21.5 million in tax revenue and \$580 million in economic impact to the area.

Mr. Crosley stated that since 1986, the District has provided \$12.5 million in Waterways Assistance Program funding to 132 projects in the county having a total constructed value of \$33 million. These programs are very important to Brevard County.

Mr. Crosley stated that the District has successfully partnered with Keep Brevard Beautiful for numerous years on waterway clean-up projects in Brevard County.

ITEM 9. FY 2017-2018 Cooperative Assistance Program Application Presentations.

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.

Ms. Zimmerman referenced the Cooperative Assistance project scoring sheets 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 referenced the Waterways Assistance project scoring sheets 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 informed commissioners that their scoring sheets are due back to the office by July 6, 2017. She stated that all project permits must be received by September 20, 2017.

Ms. Zimmerman stated that if a policy issue comes up during an application presentation, it will be deferred to the end of the meeting for discussion. She noted that it is important that this meeting stay on schedule. She reviewed the presentation timer light signals.

Ms. Zimmerman stated that if the general public wishes to comment on any agenda item, they can do so at the end of each day. She asked if there were any questions. There were none.

ITEM 9.1. Florida Clean Vessel Act Program, Florida Department of Environmental Protection.

Ms. Jessica Chui, with the Florida Department of Environmental Protection, presented an application for the District to participate in the Florida Clean Vessel Act Grant Program (CVA) to fund construction and installation of approximately 20 pumpout or dump station facilities at marinas and boatyards over the next two-years. The CVA Program provides grants for the repair, renovation, or installation of new pumpout facilities for the proper handling and disposal of sewage generated by boaters. Since 1994, grants have funded over 550 public pumpout stations in the twelve counties of the District and have collected millions of gallons of sewage generated by boaters. This program funding is being matched by Florida Fish & Wildlife Conservation Commission (FWC) and the federal government.

Commissioner Isiminger asked what agency collects the tax on fishing tackle, etc. Ms. Chui stated that the tax is collected and the Federal Government which then distributes the funding by Trust Fund to the State of Florida.

ITEM 9.2. Florida Clean Marina Program, Florida Department of Environmental Protection.

Ms. Lauren Cruz, with the Florida Department of Environmental Protection (FDEP), presented an application to continue a proactive environmental approach for marine facilities and boaters along the Intracoastal Waterway. There are 129 marinas participating in the Florida Clean Marina Program within the District's 12 counties. There are 28,000 boaters who have signed a clean boating pledge and the outreach program distributes boater education and rewards, such as a bilge sock or a Coast Guard approved flotation device, for signing a clean boating pledge. This is a multi-agency managed, partnered, and funded program with the intended result to have a cleaner waterway environment to sustain ecotourism for Florida and profitable marine facility operations.

Commissioner Isiminger asked about the Clean Marina Program budget. Ms. Cruz stated that the total budget is \$150,000.00 which is funded by the Federal Government and local grant funding.

ITEM 9.3. Eau Gallie Dredging, Phase 2C, and Eau Gallie to IWW, St. Johns River Water Management District.

This project was withdrawn.

ITEM 9.4. Merritt Island NWR Education Center Exhibits.

Ms. Kim King-Wrenn, with the U. S. Fish and Wildlife Service, presented an application to fund the development of educational exhibits for the new community conservation education center. The exhibit space will be 1,200 square-feet. Plans are to eventually construct an 8,100 square-foot Community Conservation Education Center. The center will have interactive and dynamic exhibits about the history, habitat, wildlife and recreational outdoor opportunities available in the unique Florida coastal setting, located

on the Merritt Island National Wildlife Refuge (MINWR) at NASA's J. F. Kennedy Space Center. The center will also include an auditorium, state-of-the-art environmental education classrooms and an outdoor nature-based play area.

Commissioner McCabe stated that this project will boost eco-tourism in the area.

Treasurer Blow stated that for FIND funded education centers, the District would like to see a permanent exhibit about the District that explains the District's mission and how important maintenance dredging is to the community, environment and the Intracoastal Waterway (IWW).

Ms. King-Wrenn stated that the educational content design has not been completed and there is plenty of time to develop that information into the educational displays. The center is partnering with multiple agencies on this project and there will also be a display featuring those partnerships and how they participate in this project. The Merritt Island Wildlife Association friends group will help raise \$750,000.00 of the \$1.3 million necessary for the educational exhibits.

Commissioner Sansom stated that he and the FIND staff would work with the MINWR Friends to coordinate a FIND involved display for the new center. FIND currently has a display that could be used in the center.

Treasurer Blow asked that the MINWR draft a letter to the District stating that FIND would be involved in developing an exhibit about the District as discussed. Ms. King-Wrenn answered yes.

ITEM 10. FY 2017-2018 Waterway Assistance Program Application Presentations.

ITEM 10.01. Riverfront Park Day Docks Esplanade, Phase II, City of Daytona Beach.

Ms. Beth Lemke, for the City of Daytona Beach, presented a Phase II application to construct 34 transient day docks, boardwalks, and a retaining wall at the City's Riverfront Park Esplanade Plaza. The city's Maritime Master Plan includes a landing for water-taxi service at this facility. Manatee Island and City Island will be connected to this project, providing extended waterfront destinations to the public.

Commissioner McCabe stated that this park is a wonderful resource and the day docks will bring people to this under-utilized area.

ITEM 10.02. George Kennedy Park Boat Ramp Replacement, City of Edgewater.

Mr. Shailesh Patel, for the City of Edgewater, presented an application to replace and expand the existing ramp and configure new floating accessory docks to provide a safer, more boater-friendly launching facility. This will improve the existing 30-year-old boat ramp at George Kennedy Park. This is the main launching facility for the City of Edgewater and it is heavily used and badly in need of replacement. The existing ramp has significant drop off at the end of the ramp slab and accessory docks are too small and in poor condition.

Mr. Patel stated that George Kennedy Park has two boat ramps and 36 car/trailer parking spaces, a fishing pier, waterfront boardwalk, picnic facilities, and restrooms.

Commissioner McCabe stated the George Kennedy Park and boat ramp is very popular and well utilized by the public. She stated that because this park is so popular and busy, it is important to make these repairs for public safety.

ITEM 10.03. Swoope Boat Ramp Parking, Phase II, City of New Smyrna Beach.

Mr. Khalid Resheidat, with the City of New Smyrna Beach, presented a Phase II application to construct a 42-trailer parking lot and a boat ramp middle access dock with gangway and floating dock for the existing ramp. The facility also has restrooms. He stated that the nearest public boat ramps are five miles to the north and south of this facility. He noted that this facility is close to the inlet and will help alleviate overcrowding at the North Causeway Boat Ramp.

Commissioner Isiminger asked if a small portion of this site could be used as a contractor staging area. Mr. Resheidat stated that the site is unique and the city is focused on maximizing the boat trailer parking. He stated that a portion of the site is currently being used by a contractor. He noted that the city could look at designating a section of the site for contractor staging.

Commissioner McCabe stated that without this project, boaters would have to launch from the north or south facilities which are already crowded. She stated that she likes the idea of a section of the facility being designated as a contractor staging area.

ITEM 10.04. Sunrise Park, Phase I, City of Oak Hill.

Ms. Beth Lemke, for the City of Oak Hill, presented a Phase I application to design and permit the construction of new pavilions, picnic tables, sidewalks, re-nourish and extend the beach, install a rip-rap, install a kayak/canoe launch and increase parking from 10 to 20 spaces at the .4-acre Sunrise Park. This project will allow public access to the Indian River Lagoon and the Mosquito Lagoon Blueway Paddling Trail.

Commissioner McCabe this project is the centerpiece of the revitalization of the City of Oak Hill.

ITEM 10.05. Cassen Park Public Dock, Phase II, City of Ormond Beach.

Mr. David Young, for the City of Ormond Beach, presented a Phase II application to construct an 8-foot-wide floating concrete dock that will provide a 540-linear foot mooring area with 270 linear-feet per side for non-trailerable vessels 26 feet and larger. This project will shift the existing boat ramp channel and dredge to accommodate the vessels that will be docking at this loading pier. The channel will be dredged to a -6-foot mean-low water depth to accommodate larger vessels. To accommodate for the large fetch area in this section of the river, a breakwater with planter shelves for the establishment of oyster reefs and mangrove isles will be constructed along the southern edge of the boat channel.

Commissioner McCabe stated that this is the perfect location for this type of project. It will provide boater access to a beautiful area of downtown Ormond Beach. This project has strong public support.

Treasurer Blow stated that this is the perfect location for an informational/educational signage about the history of the Intracoastal Waterway (IWW) and FIND. Ms. Zimmerman stated that all District funded projects are required to post signage recognizing FIND as a funding source and include the District's logo. The District's web site has signage recommendations outlined.

Chair Netts stated that it is nice to have a sign that states that the project was funded by FIND. The District is providing substantial funding towards these projects. The District should design a standard attractive informative educational sign and encourage grant recipients to install the sign.

Vice-Chair Donaldson stated that sign clutter and lack of maintenance could detract from the District's image. This is a discussion for another time.

ITEM 10.06. Causeway Park Fishing Pier, City of Port Orange.

Mr. Alan Rosen, with the City of Port Orange, presented an application to repair and replace two existing fishing piers at Causeway Park. Removal of the damaged facilities will insure that no debris ends up in the Halifax River. The new fishing piers will provide adequate space to fish from either side and beautiful views of the river for the general public. These piers were damaged by Hurricane Matthew in October 2016 and are currently closed to the public.

Mr. Rosen stated that this project and the next project will restore public access to the waterway.

Commissioner McCabe stated that this was a popular boating facility that generated considerable weekend and holiday use. This is an important project for the City of Port Orange.

ITEM 10.07. Causeway Park Northwest Boat Dock Repair and Replacement, City of Port Orange.

Mr. Alan Rosen, with the City of Port Orange, presented an application to replace the existing northwest fixed boat launch ramp with a floating concrete dock arrangement that will match the corresponding dock on the southwest side of the Causeway Park.

Mr. Rosen stated that this facility is close to the Ponce Inlet and Spruce Creek Lagoon and one of the most popular areas on the Halifax River for recreational boating and fishing.

Mr. Rosen stated that the city has applied to FEMA for funding for these projects. These projects will restore access that was lost by the hurricane. If FEMA funding is received, FIND funding would be returned to FIND.

Commissioner Sansom stated that perhaps projects damaged by Hurricane Matthew could be funded from the District's Hurricane Disaster account. Ms. Zimmerman stated that has been discussed, and staff is making a list of which applications have had hurricane-related damage. Staff will review that information. If the Board agrees, those applicants could complete an additional form for their application and the project would be transferred to receive funding from the Hurricane Disaster account.

Vice-Chair Donaldson stated he is okay with funding the portion of these projects that are not funded by FEMA or other available funding. FIND needs to make sure that the applicants also apply for FEMA, other Federal and any State funding available.

Commissioner McCabe stated that residents with private docks along this river also received substantial damages from the hurricane. These residents are now using public facilities to put their boats in and out of the water. It is very important that this facility be repaired quickly.

Commissioner McCabe stated that she is not against funding these projects with FIND emergency funding and then being reimbursed by the applicant when/if the FEMA funding is received.

Mr. Crosley stated that final funding decisions will be made in September. He asked commissioners to rank each project as is normally done with the Assistance Program. Components of the projects that are eligible for emergency funding would be reviewed and staff would make a recommendation at the September budget meeting.

Mr. Rosen stated that FEMA will not reimburse for any project that is repaired before FEMA gives the applicant permission to complete that project. He stated that the project can be designed but not completed.

Vice-Chair Donaldson stated that if you follow FEMA procurement rules, you will be reimbursed for the project by FEMA. FEMA will also reimburse for an emergency repair project. He stated that it is his opinion that this project should be funded by FEMA and District funds should go to other projects.

ITEM 10.08. Lemon Bluff Park, Volusia County.

Mr. Timothy Baylie, with Volusia County presented an application to add a canoe/kayak launch, a new seawall with boat docking, picnic pavilions, restrooms, sidewalks and additional parking. This project will be completed on the recently purchased property adjacent to Lemon Bluff Park. This will be an eco-friendly project. These essential amenities will better serve the boater and fishermen who use the boat ramp to load and unload gear and passengers. The existing boat ramp will be kept and maintained for smaller boats.

Mr. Baylie stated that Lemon Bluff Park attracts 45,000 annual visitors. The current parking is limited to only six spaces for vehicles and boat trailers. Visitors park along the roadside. The park does not have restrooms and visitors travel several miles to other locations. This additional property and amenities will enhance the existing area by creating a family-friendly park adjacent to the St. Johns River.

Commissioner McCabe stated that this facility will provide public water access along the St. Johns River in a beautiful tree-canopied facility. This facility is several miles away from another other public waterfront facility.

Chair Netts called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 10:14 a.m.

Chair Netts reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 10:24 a.m.

ITEM 10.09. Riberia Pointe Kayak Launch, Phase II, City of St. Augustine.

Mr. Tim Fleming, with the City of St. Augustine, presented a Phase II application to construct a public kayak launch and dock located in the Eddie Vickers Recreational Park. The kayak launch project will provide a new avenue of public access for recreational kayakers and canoers into the Maria Sanchez Creek, which connects via the Matanzas River into the Atlantic Intracoastal Waterway (IWW). The 118-foot dock will be constructed of marine-grade, pressure-treated lumber. The floating kayak platform will be composed of concrete modular sections, imbedded in expanded polystyrene with marine-grade, pressure-treated wood framing. The floating platform will be secured with pre-stressed concrete piles and access to the platform will be provided by an aluminum gangway. There will be no fees associated with use of the kayak launch. This project will provide new and continued access for low impact recreational kayakers and canoers to the waters of Maria Sanchez Creek.

Chair Blow stated that the city has been working to provide public waterway access in this area.

ITEM 10.10. St. Augustine Law Enforcement Patrol Boat, City of St. Augustine.

Mr. Tim Fleming, with the City of St. Augustine, presented an application to purchase a new Marine Unit patrol boat. The current Marine Unit patrol boat sustained substantial damage from Hurricane Matthew and is now unfit for service. There are 10.5 miles of waterways within the City of St. Augustine. The city works to increase boater safety through education, resolving conflicts between boaters, and removal of navigational hazards and derelict vessels. The replacement vessel will enable the City of St. Augustine

to continue and enhance its goal of making the area waterway safe and enjoyable for all recreational and commercial boating interests.

Treasurer McCabe asked if the City of St. Augustine Marine Unit has only one patrol boat. Mr. Fleming answered yes.

ITEM 10.10A. Salt Run Channel Dredging, Phase VIII, City of St. Augustine.

Mr. Tim Fleming, with the City of St. Augustine, presented a Phase VIII application to dredge 5,938 cubic yards of material to increase the 1.8-mile Salt Run channel depth from -5 to -10 feet, and increase the channel width to 80 feet. This waterway provides access to the City of St. Augustine, Anastasia State Park, a public boat ramp, a 60-ball mooring field and the Conch House Marina which has 160 boat slips. This marina is also home to 14 charter vessels. This section of the channel has never been dredged. All permits have been received.

Treasurer Blow stated that the city and county have prioritized projects, and therefore phases of this project have been submitted previously. The flood shoal in the Intracoastal Waterway (IWW) at the St. Augustine Inlet has to be dredged every three to five years. He and the Port District discussed placing the material on the north side of the Inlet. Every effort needs to be made to tighten the Jetty to keep sand from the District's channel. This is the permanent pipeline route for the District's disposal area, south of the Inlet.

ITEM 10.11. Palm Valley Boat Ramp West, Phase I, St. Johns County.

Mr. Will Smith, with St. Johns County, presented a Phase I application to design, engineer, and permit a multi-lane boat ramp and dock with floating dock and 150 parking spaces located under the west side of the Palm Valley Bridge. Currently, the site contains

a single boat ramp and small dock with a very small floating dock. The facility is on the east side of the Palm Valley Bridge next to the 82,000 home Nocatee development, which is the fastest growing community in the State of Florida. This is the only public boat ramp facility in NE St. Johns County. This site is at capacity on weekends and over capacity on holiday weekends.

Commissioner O'Steen stated that St. Johns County has limited boater access to the Intracoastal Waterway (IWW). The single boat ramp at this facility is very busy and this is a much-needed expansion.

Treasurer Blow stated that the community desperately needs this additional boat ramp. St. Johns County's population is exploding and is the fastest growing area in the state. Most of the IWW in the county is under the Guana Tolomato Matanzas National Estuarine Research Reserve (GTMNERR) and has environmental protection.

ITEM 10.12. Public Safety Docking Facility, St. Johns County.

Captain Eric Hellstrom, with St. Johns County Fire Rescue, presented an application to construct a secure, gated-access, public safety docking facility with lifts/slips for local Law Enforcement and Fire Rescue to dock and secure their vessels. The new facility will provide direct access to the Intracoastal Waterway (IWW.) The county's jurisdiction covers 42 miles of coastline, two inlets, the St. Johns River and the IWW. St. Johns County has over 13,300 registered vessels. In 2016, the marine unit responded to 256 swimmers in distress, 17 submerged vehicles, 111 medical emergencies, 15 missing persons, 2 marine fires, and 65 vessel assists.

Commissioner Isiminger asked about the project cost. Mr. Shalish Patel stated that the county bid the project about one-year ago and since that time there have been

construction cost increases. Mr. Patel stated that the site has thirty-feet of muck, therefore the pilings must be placed very deep and that doubled the construction cost.

Mr. Crosley asked if this site has a contractor staging area. Captain Hellstrom answered yes. Treasurer Blow stated that this site also has a dedicated commercial barge unloading area.

Treasurer Blow stated that the marina basin needs dredging and the county is using their reserve funding to clear the basin channel. He stated that this is an important facility for St. Johns County and the county has invested significant funding toward this facility. This facility has direct boater access to the inlet.

ITEM 10.13. Pelican Marina Boat Ramp Parking Lot Renovations, PH II, Miami-Dade County.

Ms. Dorothy Mills-Mayers, Tom Morgan and Kathy Haley for Miami-Dade County, presented a Phase II application to renovate, reconfigure and expand the parking scheme at the Pelican Marina Boat Ramp. Ms. Mills-Mayers stated that traffic currently backs-up to the 79th Street Causeway. Lengthening the entrance road within the marina will alleviate that traffic backup. The project also includes adding additional lighting and drainage to the facility.

Commissioner Crowley stated that this marina is currently in dire need of these improvements. This is another good public marina and noted that this facility has a boat shuttle that takes people back and forth to the island.

ITEM 10.14. Haulover Marina Wet-Slips Electrical Upgrades, Miami-Dade County.

Ms. Nickki Anderson, for Miami-Dade County, presented an application to design and construct twenty-five (25) 100-amperage electrical pedestals equipped with usage meters to replace outdated, 50-amperage, non-metered service at the Haulover Marina.

These 25 pedestals will be allocated along Piers A and F, which are the breakwater piers for larger boats 60-feet and over. Dockage on the inside of the piers is utilized for annual rentals, while the outside locations are reserved for transient users.

ITEM 10.15. Law Enforcement Patrol Boat, City of North Miami Beach.

Mr. Robert Ruano, Consultant, and Officer Alexander Morales, with the City of North Miami Beach Police Department, presented an application to purchase a marine patrol vessel to provide public safety and education to the boating public on the city's Intracoastal Waterway (IWW) and canals. Officer Morales stated that the Marine Unit currently has two older vessels that are constantly under repair. The unit has five (5) certified Marine Unit patrol officers and one supervisor. This vessel will also be used for partner training with the U. S. Coast Guard and for pre-and-post weather-related safety inspections.

Commissioner Sansom asked if the District helps fund this vessel, will the City of North Miami Beach maintain the vessel and fund replacement for this vessel when needed. Officer Morales stated that he would answer yes because the current Police Chief supports this marine unit. Commissioner Sansom stated that the District wants the city to pay for the maintenance and repair of this vessel and budget for the future replacement of this vessel.

Commissioner Sansom asked if the District has these requirements written into our rules. Mr. Crosley stated that the District has a specific clause in the Grant Rule regarding vessels. He read the following: "Maximum District funding in the amount of \$60,000.00, all future replacement maintenance costs of the vessel and equipment will be the responsibility of the applicant."

Vice-Chair Donaldson stated that this application is no different than other grant applications. If the project/vessel has reached the end of its life span, it would impact a future grant if the project/vessel had not been maintained. The District should not complicate the monitoring of ongoing projects.

ITEM 10.25. Indian Beach Park Shoreline Project, City of Miami Beach.

Mr. Bruce Mowry, with the City of Miami Beach, presented an application stabilize the shorelines of the city and to provide the public with easy access to Biscayne Bay for boating, fishing, viewing and other recreational activities. The project will restore the structural integrity of the seawall, prevent the discharge of sediment into Biscayne Bay and improve water quality. Project elements also include a pavilion, living shoreline, site furniture and an expanded day-use dock.

Commissioner Isiminger asked if the city is building a seawall and a living shoreline. Mr. Mowry stated that they are constructing a concrete seawall along the highway and along the base of the seawall there will be a planter-type base with plants.

Commissioner Isiminger noted that the applicant is asking for \$250,000.00 for the Seawall. Mr. Mowry stated that he estimates the seawall cost to be \$700,000.00. Commissioner Isiminger noted that the city is asking for more than 50% in funding for the living shoreline.

Commissioner Crowley stated that this project will provide upland access to the waterfront. The project was identified in the city's Blueway Master Plan, which allows local cities to plan for water access and then come to FIND for implementation of the plan.

ITEM 10.26. Indian Creek Shoreline Improvement and Greenway, PH IIB, City of Miami Beach.

Ms. Judy Hoanshelt and Mr. Bruce Mowry, with the City of Miami Beach, presented a Phase IIB application to construct a mile-long greenway and seawall along the Indian Creek waterway. Ms. Hoanshelt stated that the area of the new seawall will provide public access to the waterway and enhance the natural environment by planting native species such as sea grass and mangroves.

Ms. Hoanshelt stated that several areas of the existing seawall along Indian Creek Drive restrict pedestrian access. This area of the city has several hotels and is heavily populated.

Mr. Mowry stated that this project is intended to provide public access along the entire section of the Indian Creek waterway from 25th street to the 41st Street Bridge. A future project will extend the project site south from 23rd street to 25th street.

ITEM 10.27. Maurice Gibb Waterfront Park and Boardwalk, City of Miami Beach.

This project was withdrawn.

Chair Netts called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 11:45 a.m.

Chair Netts reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 1:00 p.m.

ITEM 10.16. Virginia Key Seawall, Dock and Kayak Launch. Phase II City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented a Phase II application to replace and repair an old seawall and floating dock for launching of kayaks, canoes, and paddleboards at the Virginia Key Nature Center. This project will encompass shoreline stabilization along with the amenity repairs.

Commissioner Crowley stated that this facility will have a vendor providing users kayaks, canoes, and paddleboards for use on Shrimper's Lagoon and this area of the waterway. He noted that this application is part of several small projects that will help transform Virginia Key.

ITEM 10.17. Myers Park Seawall, Boat Ramp and Parking, Phase I, City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented a Phase I application to design, permit, and engineer the demolition and construction of a seawall, boat ramp and trailer parking at Myers Park. The Myers Park boat ramp facility is located near the Intracoastal Waterway (IWW) and will provide a convenient location to the public for recreational boat use.

Commissioner Crowley noted that the District's Miami-Dade County Community Outreach Event's point of departure was from Myers Park.

ITEM 10.18. Knight Center Dockage, Phase I, City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented a Phase I application to design, permit, and engineer the construction of docks along the entire seawall. The seawall concrete cap will be repaired, bumpers and fender piles will be added and cleats will be replaced.

ITEM 10.19. First Presbyterian Church Baywalk, Phase I, City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented a Phase I application to design, permit, and engineer the construction of the Baywalk extension to the adjacent Baywalk located to the north and south. The First Presbyterian Church is in Downtown Miami with a picturesque view of Biscayne Bay and part of the Intracoastal Waterway (IWW).

Pedestrians and bicyclist must travel around a wooded area and through the parking lot to connect to adjacent Baywalk to the north and south.

Commissioner Isiminger questioned the project cost. Mr. Weinrib stated that the final cost will be determined upon permitting and the final required environmental project elements.

Commissioner Crowley stated that this project will provide the connection to the Baywalk gap.

ITEM 10.20. Spring Garden Park Seawall and Kayak Launch, Phase II, City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented a Phase II application to construct a 950-foot seawall repair/replacement, with an analysis of the existing riprap and kayak launch. Spring Garden Park is located along the Seybold Canal which intersects the Miami River and provides direct access to Biscayne Bay and the Intracoastal Waterway (IWW).

ITEM 10.21. Seybold Canal and Wagner Creek Dredging, Environmental Cleanup, Phase G City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented a Phase G application to dredge 8,000 cubic yards of contaminated sediments from the 2.5-mile-long waterway to improve the natural environment. A waste incinerator polluted the area many years ago, and the contaminated material will have to be disposed of at a site in Alabama, the only location that will take that type of material. In addition, the project will improve flood water conveyance capacity from the large storm water system draining into the Seybold Canal and Wagner Creek. This canal is a tributary to the Miami-River. He noted that the

waterway is heavily used for boating and the dredging project will improve conditions for boater safety and the local marine businesses along the creek.

Vice-Chair Donaldson noted that this is a good project with regional impact. Wagner Creek is an important commercial-use waterway.

Ms. Zimmerman referenced the Spring Garden Park Seawall and Seybold Canal Dredging projects and asked which project would be completed first. Mr. Weinrib answered the seawall project would be completed first.

ITEM 10.22. 25th Road Seawall, Baywalk and Dock, Phase I, City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented a Phase I application to design, permit, and engineer the construction a new 120-foot-long seawall, Baywalk and floating dock at the end of the street of 25th Road. This section of the Baywalk will establish pedestrian connectivity to current and future Baywalks along Biscayne Bay and the nearby Intracoastal Waterway (IWW). This project is an important link in the downtown Baywalk.

Commissioner Isiminger asked if the engineering construction administration or soft costs were included in a Phase I application. Ms. Zimmerman stated that because of timing, those costs will be included in a Phase II application. Commissioner Isiminger asked to look at that estimate.

ITEM 10.23. Miami Police Department Patrol Vessel, City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented an application to purchase a new Marine Patrol Unit boat to increase the fleet to six (6) to allow for maximized coverage of the waterways, thereby increasing public safety and protection of the environment. The vessel is a 26-foot open-console Contender with twin Yamaha-300 outboard motors.

ITEM 10.24. Baywalk Boat Hoists and Floating Dock Regatta Park, PH II, City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented a Phase II application to install two boat hoists for small sailboats. These boat launch hoists will be the only ones available in the area for this type of vessel. Additionally, two floating docks will be installed to facilitate the dockage for small, non-motorized crafts. The Baywalk amenities will allow all visitors and residents to enjoy the waterway and coastal views, and improve how small craft and sailboats launch into Biscayne Bay. This facility is included in the Coconut Grove Waterfront and Spoil Island Master Plan and designed to enhance coastal amenities and access at Regatta Park in Coconut Grove.

ITEM 10.28. Marsh Preserves ADA Viewing/Fishing Pier, City of Atlantic Beach.

Mr. Kayle W. Moore, P.E., with the City of Atlantic Beach, presented an application to construct a new viewing/fishing pier located near the Dutton Island Bridge. The project will be ADA accessible to the park visitors, thus expanding resource-based recreation with the Marsh Preserves. Other amenities at this park include: a fishing pier; kayak/canoe launch; boardwalk; pavilion; restrooms; primitive camping; picnic facilities and parking on the north side of Dutton Island. This preserve has nearly 400 acres of marsh and associated uplands on the Intracoastal Waterway (IWW). The city has developed a 20-year master plan for this park.

Commissioner O'Steen stated that this is one of the only facilities where Atlantic Beach can provide public access to the IWW.

Chair Netts called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 2:30 p.m.

Chair Netts reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 2:40 p.m.

ITEM 10.29. Bert Maxwell Boat Ramp Park, City of Jacksonville.

Mr. Brian Burket, with the City of Jacksonville, presented an application to replace the fixed pier with a taller pier and reposition the existing gangway and dock so that it functions properly at all tide levels. The Bert Maxwell Boat Ramp is a well-used ramp on the northside of Jacksonville. The existing boater access docks are poorly designed and are not safe or functional at high tide. During high tide, the end of the fixed pier is underwater and the gangway slopes up. Because this project involves replacement within an existing footprint, no permits should be required and the project will be accomplished as a design/build.

ITEM 10.30. Half Moon Island Park and Boat Ramp, PH II-B, City of Jacksonville.

Mr. Brian Burket, with the City of Jacksonville, presented a Phase II-B application to construct an additional boat ramp, a fishing pier, several pavilions, turn lanes, a restroom and additional rip-rap revetment at Half Moon Island Park. Phase II-A, which was funded in 2016, will construct an access road, boat ramp with one access dock, boat trailer parking area and a rip-rap revetment. The two-projects will be completed together. It is anticipated that this boat ramp will be heavily used due to the lack of similar facilities in the vicinity, which is in Northern Duval County. The waterway view and expansive marsh in this area is impressive.

Treasurer Blow stated that this is an interesting project that is in northern Duval County. He stated that this area of the county is currently growing and becoming more populated. He stated that he can see this facility receiving a lot of use because it will provide access to the preserve area which was previously not easily accessed.

Commissioner Cuzzo questioned the high cost of the restroom. Mr. Burket stated that the restroom cost includes the septic drain field, a water well, and the structure is made of concrete.

Commissioner O'Steen stated that in Jacksonville, public restrooms must be constructed to be almost bullet proof. For whatever reason, the public will remove the doors, all facilities and then try to burn the restroom.

Treasurer Blow reminded the commissioners that this facility is not far from several District Dredged Material Management Areas (DMMA) sites and he noted that the District is constantly replacing gates, fences, signs and locks.

ITEM 10.31. Joe Carlucci Boat Ramp Extension, Phase II, City of Jacksonville.

Mr. Brian Burket, with the City of Jacksonville, presented a Phase II application to construct two new fixed docks, replace two small floating docks, and add 100 feet of floating dock parallel to the shoreline at this popular boat ramp. The boat ramp has an existing 46-boat trailer parking lot. This facility is located at the confluence of the IWW and the St. Johns River. This is a very busy boat ramp, especially during fishing tournaments.

ITEM 10.32. Mandarin Boat Ramp Dock and Kayak Launch, Phase I, City of Jacksonville.

Mr. Brian Burket, with the City of Jacksonville, presented a Phase I application to design and permit an extension of the current floating dock to double the length, add floating kayak launch with a specialized cradle to enhance its use by paddlers of all abilities and experience. The kayak launch will be positioned on the opposite side of the Boardwalk, which offer a good barrier between motorized and non-motorized vessels. Currently, there are two boat-ramp lanes, an 80-foot long floating dock, two pavilions and

47 boat/trailer parking spaces. This boat ramp is the furthest southern facility in Duval County and is very popular.

Treasurer Blow stated that this boat ramp is heavily used by citizens of Duval and St. Johns County and that these additional amenities are needed.

ITEM 10.33. Oak Harbor Boat Ramp Dredge, Phase I, City of Jacksonville.

Mr. Brian Burket, with the City of Jacksonville, presented a Phase I application to design and permit the dredging of the boat ramp basin area at the Oak Harbor Boat Ramp. Currently, the boat ramp is well protected and accesses the Intracoastal Waterway (IWW) through a maintained canal. The ramp can handle all sizes of trailerable vessels, although it gets somewhat shallow at lower tides. The Oak Harbor Boat Ramp facility is very well used and is very popular with the Jacksonville Beach residents.

ITEM 10.34. Post Street Dock, Phase I, City of Jacksonville.

Mr. Brian Burket, with the City of Jacksonville, presented a Phase I application to design and permit the construction of a floating dock connected to the bulkhead at Post Street in the Riverside and Five Points neighborhoods, which are adjacent to downtown. The proposed dock would be available for recreational vessels and potentially serve as a designated stop for the water taxi.

Commissioner O'Steen stated that this project is what Jacksonville needs. It will provide water access to many destinations in this neighborhood, which is adjacent to the downtown area.

ITEM 10.35. Ribault River Channel Markers, Phase I, City of Jacksonville.

Mr. Brian Burket, with the City of Jacksonville, presented a Phase I application to design and permit the installation of channel markers along a three-mile stretch from the

confluence of the Trout River upstream to the Harborview Board Ramp, with an emphasis on the turns where the existing channel is not as obvious.

ITEM 10.36. Riverfront Park Fishing Platform, Phase I, City of Jacksonville.

Mr. Brian Burket, with the City of Jacksonville, presented a Phase I application to design and permit the construction of a fishing structure at Riverfront Park. The goal of this project is to concentrate the fishing use to designated areas while providing an enhanced fishing experience.

Commissioner O'Steen suggested incorporating a water taxi or boat dock at this facility to allow access to restaurants and retail shops in that area. That would maximize the boat dockage and public accessibility to the San Marcos area.

Mr. Burket commented that during the design phase, the city could tweak the fishing pier. Ms. Zimmerman stated that you can always request to modify the project design and project costs to include eligible items.

Treasurer Blow stated that this facility would be water taxi accessible to San Marco and Five Points, that have many trendy restaurants. The area is also attractive to young professionals who would utilize a kayak/paddle board launch.

ITEM 10.37. Sisters Creek Lighting, Part 2, City of Jacksonville.

Mr. Brian Burket, with the City of Jacksonville, presented a Part 2 application to install lighting at Sisters Creek Boat Ramp. This is the only downtown boat ramp facility. This is one of two boat ramp facilities that have recently extended park hours to 24 hours. The Sisters Creek Boat Ramp is very popular with boaters, fishermen and shrimpers. He stated that the project is in response to public requests for these extended park hours.

Commissioner O'Steen stated tht the Jacksonville Council has supported utilization of public access to the waterfront.

ITEM 10.38. St. Johns Marina Boat Ramp, Phase I, City of Jacksonville.

Mr. Brian Burket, with the City of Jacksonville, presented a Phase I application to design a long-term solution for improving and extending the St. Johns Marina Boat Ramp to accommodate the launch of boats of all trailerable sizes. This solution may include some localized dredging and modifications to reduce future siltation. This is the only public boat ramp located in downtown Jacksonville.

Mr. Burket stated that the City of Jacksonville is focusing on a Maritime Management Plan. These projects and additional water access locations will be identified in the plan.

Treasurer Blow reference the Sisters Creek area and stated that he has worked with the City of Jacksonville on an artificial reef program. During that project, the contractors found it difficult to find a place for construction storage and staging. The Sisters Creek DOT right-of-way may be a good area to provide a commercial contractor staging area and barge access.

ITEM 11. Public Comments.

Chair Netts asked if there were any commissioner comments.

Commissioner Crowley stated that in Miami-Dade County commercial tour operators have been advised that they can no longer use a public boat ramp facility because they are not recreational boats. He stated that because many of these facilities are funded with public funding, he is not in agreement. He has asked the FIND staff to bring this up for discussion at the District's July meeting.

Commissioner Sansom stated that many boat ramps are funded by part of the fee charged for boater registrations, both public and commercial boats.

Commissioner Isiminger asked that at a future meeting staff discuss how the assistance project costs are tracked.

Chair Netts stated that in Flagler County, he worked with Planning Solutions, Inc. and FIND to develop a list of possible commercial access sites. Some of the identified sites were privately owned, and the county would have to purchase them. That information was compiled into a report and presented to the county for review. He will be attending a workshop with the County Administrator to work out the details of the plan.

Mr. Crosley stated that before Chair Netts worked on this issue, Flagler County had not been discussing commercial contractor staging areas. Because this has been brought to their attention, the county is now looking at the issue and have begun discussions about zoning and land use changes to accommodate marine industrial use.

Commissioner Sansom stated that local government does not always know what FIND can do for their communities. He suggested an information sheet explaining the kinds of projects that FIND funds and what a successful application looks like.

Chair Netts asked if there were any public comments. There were none.

Chair Netts called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 3:52 p.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

8:30 a.m., Saturday, June 17, 2017

Board of Commissioners Meeting

The DoubleTree Hilton Cocoa Beach Oceanfront

2080 North Atlantic Avenue (S.R. AIA)

Cocoa Beach, Brevard County, Florida 32931-3333

ITEM 1-B. Reconvened/Call to Order.

Chair Netts reconvened the Florida Inland Navigation District Board of Commissioners meeting at 8:30 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.

Assistant Executive Director Janet Zimmerman called the roll and Chair Netts, Treasurer Blow, Commissioner Crowley, Commissioner Cuzzo, Commissioner Isiminger, Commissioner McCabe, and Commissioner Sansom, were present. Secretary Gernert and Commissioner O'Steen were absent. Ms. Zimmerman stated that a quorum was present. Also in attendance were Executive Director Mark Crosley, Attorney Peter Breton and Ms. Shelley Trulock. Vice-Chair Donaldson and Commissioner Williams arrived to the meeting at 8:40 a.m.

The following visitors were present: Mr. Larry Lallo, City of Cocoa; Mr. Wayne Carragino, City of Cocoa Beach; Ms. Nicole Patterson and Mr. Kevin Briski, City of

Melbourne; Mr. Timothy Day, Town of Melbourne Beach; Mr. Jonathan Luscomb, City of Fort Lauderdale; Officer Dave Sowka and Sergeant Todd Mills, Fort Lauderdale Police Department; Mr. John Fiore and Ms. Linda Briggs-Thompson, Broward County; Ms. Teri Webley, Town of Marineland; Mr. Phillip Rancon, City of Belle Glade; Ms. Jennifer Bistyga, City of Boca Raton; Mr. John Sprague, City of Riviera Beach; Mr. Chuck Huff, Village of North Palm Beach; Mr. Joe Springer, City of Fernandina Beach; Mr. Tim Voelker, City of Stuart; Ms. Kathy Fitzpatrick, Martin County; Sergeant Taylor, Jupiter Island Public Safety; Mr. Kyle Croce, St. Lucie County; Mr. Donald H. Dexter, Jr., City of Vero Beach; Mr. Tim Grabenbauer, City of Vero Beach; Mr. Roland DeBlois, Indian River County;

ITEM 4-B. Additions or Deletions.

Chair Netts asked if there were any additions or deletions to the agenda.

Ms. Zimmerman stated that she would like to add to the agenda: Item 4-C, U. S. Army Corps of Engineers; and Item 10.65, City of Port St. Lucie, Riverwalk Boardwalk Extension Project, has revised their Assistance application.

ITEM 4-C. Comments from the U.S. Army Corps of Engineers.

Ms. Shelley Trulock, the IWW Project Manager with the U.S. Army Corps of Engineers (USACE), stated that Plan and Specifications for the IWW Sawpit project in Nassau County will kick off in fall of 2017. The USACE has not received any Work Plan funding for this calendar year. The project will be ready to go when funding is received either from the President's budget or Work Plan funding in FY 2018.

Ms. Trulock stated that the USACE has received \$5,500,000.00 in supplemental Federal funding to complete the dredging of the IWW near Ponce Inlet in Volusia County.

The USACE is exploring combining the project with the Ponce Inlet dredging program to save on mobilization. Approximately 400,000 cubic yards of material will be removed from the channel. The most recent permit allows for upland and nearshore disposal only. The USACE may be able to fund the removal of 281,000 cubic yards of existing dredged material at MSA 434 Rattlesnake Island and then FIND would have to remove the additional material from the island. The contract will be advertised October 18, 2017.

Mr. Crosley stated that there is approximately 600,000 cubic yards of material that needs to be removed from Rattlesnake Island. The USACE has about half of the needed funding for the offloading project. He will be coming to the Board with a Work Order to help fund the offloading of Rattlesnake Island.

Ms. Trulock stated that Plans and Specifications for the construction of Dredged Material Management Area (DMMA) O-7, Martin County, have been funded with Federal funding and construction will be funded by FIND. The construction contract was awarded to Cody Construction. Construction is underway, with a required completion date of July 14, 2018. The contract is written to allow for a certain percentage of unsuitable material for the construction site. The contractor has encountered very little unsuitable material so far. The project path forward is for the surplus material to be spread out in the existing furrows and the remainder stored within the fence line of the site. Discussions are underway between the USACE and FIND to determine how to address the additional/surplus suitable material that will be excavated from the site.

Ms. Trulock stated that the Plans and Specifications for construction of DMMA O-23 began in January 2017. NEPA activities were started and are extensive. A Florida Department of Environmental protection (FDEP) exemption will be obtained since this

project is upland construction. Project design concepts will be the same as DMMA O-7. She anticipates awarding the contract in Spring of 2018. A resource meeting and site visit took place June 8th with FIND, FDEP and the USACE. The relocation of the reindeer lichen, as proposed by the USACE, was acceptable to the FDEP. The USACE will move forward to obtain the Resource permit for that plant relocation.

Ms. Trulock stated that the USACE received \$1.2 million in supplemental funding for the Crossroads dredging project. Approximately 34,000 cubic yards of problematic shoaling within the Crossroads reach of the IWW was removed by the USACE hopper dredge Currituck. The dredging started on March 1 and was completed on March 22, 2017. The dredged material was placed in the St. Lucie Inlet Impoundment Basin. The USACE dredge will return to complete the advanced maintenance widener project in September 2017.

Ms. Trulock stated that the USACE is moving forward with permitting the IWW Broward Reach I Dredging Project. The current path forward is to dredge with a Wilmington District hopper dredge, unless it is determined that the quantity is large enough to justify standard procurement. Discussions with the Hillsboro Inlet Chairman, Mr. Jack Holland, led to the suggestion that the USACE should consider placing the dredged material within the existing Hillsboro Inlet settling basin, a permanent sand transfer station. This would alleviate the need to obtain National Environmental Policy Act (NEPA) approval on a new nearshore placement area. The Hillsboro Inlet dredge would then move the material to the beach south of the inlet. To do this, the USACE would still need a Florida Department of Environmental Protection (FDEP) permit and possible NEPA coordination, since IWW material has never been placed in this disposal location. These

changes will push this project out one additional year. She is planning to meet again with the Hillsboro Inlet Chairman, Mr. Jack Holland, on July 17, 2017 to further discuss the project.

Ms. Trulock stated that the USACE utilized \$300,000.00 in Hurricane Matthew Supplemental funding to remove 8,100 cubic yards of shoal at Bakers Haulover in March 2017. Disposal was in the nearshore at Bal Harbor Beach. A future project will be scheduled for September 2017 to remove an additional 25,000 cubic yards of material. The team is exploring whether to utilize a USACE dredge or go industry. The contract will be advertised on July 13, 2017 and will be awarded on September 15, 2017.

**ITEM 10.-Continued. FY 2017-2018 Waterways Program Application
Presentations.**

ITEM 10.39. Lee Wenner Park T-Dock and Day Slips, City of Cocoa.

Mr. Larry Lallo, with the City of Cocoa, presented an application to extend the current T-Dock and construct additional boat slips adjacent to Riverfront Park to provide access to a deeper channel between the park and the Intracoastal Waterway (IWW).

Mr. Lallo stated that the T-Dock is located at the north end of Riverfront Park adjacent to Lee Wenner Park. The T-Dock consists of a 25-foot walkway that was not constructed to handle the large impact and docking loads from larger vessels. The boat slips are proposed west of the existing day slips to provide additional public docking access for day-boaters ranging in size from 20 to 30 feet. The additional day slips will complement the extension of the T-Docks.

Mr. Lallo stated that other amenities at this 11.5-acre park includes a pavilion, grills, picnic areas, restroom, playground, a walkway, and a boardwalk. He stated that the boardwalk extends to the Cocoa Riverfront Park and the Historic Cocoa Village.

Commissioner Sansom stated that the District participated in the Lee Wenner Park dredging project several years ago and this park connects to that project. He stated that these facilities provide a wonderful location for many public events. He stated that the City of Cocoa is working to develop their waterfront and connect their citizens to the area.

Treasurer Blow asked if this location would be a good spot for a managed mooring field. Commissioner Sansom answered yes and stated that the city is working on it.

ITEM 10.40. Channel Marker Replacement, City of Cocoa Beach.

Mr. Wayne Carragino, with the City of Cocoa Beach, presented an application to replace the 400-channel markers and twenty-five (25) wooden pilings through-out the City of Cocoa Beaches public waterways. The signs are constantly subjected to a harsh marine environment and the piling and signs have sustained damage and are unreadable or gone.

Commissioner Sansom stated that this is a high priority project for the City of Cocoa Beach.

ITEM 10.41. Riverview Park Boardwalk, Phase I, City of Melbourne.

Ms. Nicole Patterson and Mr. Kevin Briski, with the City of Melbourne, presented a Phase I application to design, engineer and permit an elevated boardwalk with education signs at Riverview Park. Riverview Park was acquired in 2012 from Brevard County and in 2013, a Master Plan was completed. Ms. Patterson stated that other amenities will include a state-of-the-art playground, five (5) picnic pavilions and twenty (20) picnic tables. Future plans include a splash park.

Commissioner Sansom stated that this park is part of the City of Melbourne's Master Plan. This is a unique property and the boardwalk will provide public access to the waterway.

ITEM 10.42. Ballard Park Boat Dock and Ramp, Phase I, City of Melbourne.

Ms. Nicole Patterson and Mr. Kevin Briski, with the City of Melbourne, presented a Phase I application to survey, design, engineer and permit two (2) replacement boat docks and ramps at Ballard Park Boat Launch. Ms. Paterson stated that a modification of the design footprint may be necessary to obtain ADA compliance for future construction. The Ballard boat launch docks and ramp provide important direct access to the Indian River Lagoon. It is one (1) of two (2) locations in Melbourne where boat launches with accessory docks are available to the boating public.

In October 2016, Hurricane Matthew damaged the west dock and it had to be closed. High use of this facility by recreational and commercial boaters makes this project a priority for the City of Melbourne.

Commissioner Sansom stated that the city is not asking FIND for emergency Hurricane funding for this project. Ballard Park is located close to the Eau Galle River where the St. Johns Water Management District (SJWMD) and FIND are performing a major dredging project. This is a great time for the improvements to this park. The City of Melbourne has cooperatively worked with commercial users and law enforcement regarding commercial/public use of Ballard Park.

ITEM 10.43. Melbourne Beach Town Pier Repair, Town of Melbourne Beach.

Mr. Timothy Day, with the Town of Melbourne Beach, presented an application to repair 600-feet of decking and replace handrails on both sides of the towns 15-year-old pier. This pier suffered substantial damage from Hurricane Matthew. The supporting elements of the pier need to be replaced, but the pilings were not damage and do not need replacement.

Commissioner Sansom stated that this current pier is 15 years old. This historical structure has been re-built several times since the late 1800's. After the original pier was built, a railroad was laid from the ferry landing on the pier across the island to provide access to the island and Melbourne Beach.

ITEM 10.44. George English Park Boat Ramp, City of Fort Lauderdale.

Mr. Jonathan Luscomb, with the City of Fort Lauderdale, presented an application to re-design the existing boat ramps at George English Park to accommodate larger boats and longer boat trailers. The project will also include new ADA accessible floating docks to allow staging and waiting areas for ramp use.

Mr. Luscomb stated that the Florida Department of Transportation (FDOT) recently replaced the Sunrise Boulevard Bridge, increasing clearance to eleven-feet and allowing for larger and higher profile trailerable vessels to utilize the park's boat ramps. The proposed improvements will help relieve immense congestion at surrounding boat ramps.

Ms. Zimmerman stated that Commissioner Gernert provided written comments for each of the Broward County applications.

ITEM 10.45. Sweeting Park Dock, City of Fort Lauderdale.

Mr. Jonathan Luscomb, with the City of Fort Lauderdale, presented an application to construct a new dock at Sweeting Park. Other elements that have recently been completed include shoreline improvements by removing invasive plants, and the removal of two (2) existing docks. The shoreline is being regraded to create a retention/filtration swale and the planting of native grass and plants. Construction of a new pavilion is ongoing. Two (2) other existing docks will be redesigned and made ADA compliant. This

project will provide needed access to the New River for fishing, crabbing and small motorized and non-motorized vessels.

ITEM 10.46. Bill Keith Preserve Shoreline, Phase I, City of Fort Lauderdale.

Mr. Jonathan Luscomb, with the City of Fort Lauderdale, presented a Phase I application to design and permit shoreline stabilization at the 4-acre Bill Keith Preserve, which is a natural area located along the South Fork of the New River. The project will include grading, filling and constructing a revetment along the areas prone to scouring and erosion along the park's shoreline.

ITEM 10.47. Riverwalk Floating Dock, Phase I, City of Fort Lauderdale.

Mr. Jonathan Luscomb, with the City of Fort Lauderdale, presented a Phase I application to design and permit two (2) additional floating docks along the Riverwalk, increasing waterway access to downtown Fort Lauderdale and many shops and restaurants. One (1) dock will be added to the existing dock at the Esplanade Park and the other will be placed near the New River Inn Museum. The floating docks are very successful as they provide easy waterway access to local businesses, restaurants, and to special events like The Sunday Jazz Brunch.

Commissioner Crowley asked if there is a charge to use the dock. Mr. Luscomb stated that the only dock that has a charge is a George English Park, because of the parking fee. The docks are free and if a slip is open, anyone can use it. Commissioner Crowley asked if boaters can spend the night at these docks. Mr. Luscomb stated that these are transient day docks and not meant for overnight use.

ITEM 10.48. Fort Lauderdale Marine Replacement Motors, City of Fort Lauderdale.

Officer Dave Sowka and Sergeant Todd Mills, with the Fort Lauderdale Police Department, presented an application to purchase one (1) boat engine for the Fort Lauderdale Police Department Marine Unit vessel. Officer Sowka stated that the new 150 HP engine will be placed on a 17-foot Boston Whaler that is in good shape and will provide shallow-water access to areas that are restricted by low fixed bridges. The current engine was manufactured in 1996 and has 826 hours logged onto it and has been taken out of service.

McCabe asked if this is the Marine Unit's only shallow-water vessel. Officer Sowka answered yes and stated that there are areas that have only four-feet of water at high tide and that the Marine Unit can only access by this boat.

ITEM 10.49. Bahia Mar Yachting Center Dredging, Phase II, City of Fort Lauderdale.

Mr. Jonathan Luscomb, with the City of Fort Lauderdale, presented a Phase II application to dredge the marina to a -17-foot depth to maintain depth consistency and to connect the City's Bahia Mar Yachting Center to the District's completed Broward Intracoastal Waterway Channel (IWW) deepening project. It is estimated that upon completion of these two projects, the yachts that will use these facilities will provide an economic impact to the area of \$8.9 million.

Treasurer Blow asked if FIND will complete dredging the section of the IWW where the FP&L lines crossed the waterway along with this project. Mr. Crosley stated that is what staff is planning.

Chair Netts called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 10:30 a.m.

Chair Netts reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 10:40 a.m.

ITEM 10.50. Hillsboro Beach Police Department Outboard Motor, Town of Hillsboro Beach.

Lieutenant Jim Pugliese, with the Hillsboro Beach Police Department, presented an application to purchase two (2) 250 HP Evinrude outboard motors for the town's marine patrol vessel. The Town of Hillsboro Beach consists of 3.2 miles of Intracoastal Waterway (IWW) on three sides of the town. The previous outboard motors were purchased in 2008 and had over 5283 engine hours, which were constantly breaking down. The town has only one marine patrol vessel and it has been taken out of service until new outboard motors can be purchased.

ITEM 10.51. Anne Kolb Nature Center Exhibit Upgrade, Broward County.

Mr. John Fiore and Ms. Linda Briggs-Thompson, with Broward County, presented an application to reconstruct the main mangrove aquarium tanks, provide updated interactive nature displays and upgrade the exhibit hall which showcases the mangrove habitat adjacent to the Intracoastal Waterway (IWW) at the 67-acre Anne Kolb Nature Center.

Mr. Fiore stated that this facility has a 35,000-gallon salt water aquarium that draws people to the center. The property also has a 175-foot boat dock. He stated that this facility is used by residents, tourists, and children on school environmental field trips.

Treasurer Blow requested that the FIND staff be allowed to review the new nature display. Mr. Fiore agreed.

ITEM 10.52. Deerfield Island Boardwalk, Phase II, Broward County.

Mr. John Fiore and Ms. Linda Briggs-Thompson, with Broward County, presented a Phase II application to construct a replacement boardwalk adjacent to the Intracoastal Waterway (IWW) at the 56-acre Deerfield Island Park. The 1,600-foot boardwalk was damaged in 2005 by Hurricane Wilma and has been closed since that hurricane. Other amenities include picnic shelters and restrooms.

Commissioner Isiminger asked the age of the existing boardwalk. Ms. Briggs-Thompson answered in the early 1990s. Commissioner Isiminger asked the width of the boardwalk. Mr. Fiore answered 6-foot wide. Commissioner Isiminger stated that the project cost seems high. Mr. Fiore stated that the project costs are high because the park is located on an Island. He noted that this is a high priority project for the Broward County Board of Commissioners.

Mr. Crosley provided a brief history of this FIND-owned Dredged Material Management Area (DMMA). Because the Broward County does not have a high need for dredging, the District executed a long-term lease dedication agreement with the State of Florida for this site. Then, the State of Florida executed a long-term lease with Broward County. The District has an agreement with Broward County to maintain our interests on this Island and to help fund minimum park improvements.

ITEM 10.53. Bings Landing South Seawall, Flagler County.

Chair Netts stated that Ms. Liz Yates was unable to attend today's meeting. Chair Netts presented an application to reinforce 145 linear feet of retaining wall along the Intracoastal Waterway (IWW) at the Bings Landing Park and Boat Ramp facility. An earthen berm will be butted with filter fabric under coquina rock above mean-high-water

along the existing retaining wall. Bing's Landing is one of Flagler County's most heavily used venues for boaters seeking direct access to the Intracoastal Waterway (IWW). Bing's Landing is the only public access boat ramp within a 20-mile radius. The park also has a kayak launch and picnic pavilion. The site has become increasingly more popular since the opening of a BBQ restaurant and bait shop.

ITEM 10.54. Marineland Marina, Phase 3, Town of Marineland.

Ms. Teri Webley, with the Town of Marineland, presented a Phase 3 application to redevelop the Marineland Marina. He stated that Phase II-B will focus on adding 275-feet of transient floating docks, with twenty (20) transient slips inside the already existing marina basin to accommodate larger cruising vessels over 60-feet, as well as increasing dock access to smaller day boats. The project also includes dredging of the basin, parking, a restroom, and additional marina office space.

Treasurer Blow noted that this would be a great location for a FIND educational sign about the importance of dredging.

ITEM 10.55. Pavilion Lake Piers, Docks and Gangways, City of Belle Glade.

Mr. Phillip Rancon, with the City of Belle Glade, presented an application to construct a new wooden boardwalk with two (2) land access piers that connect to two (2) aluminum gangways with wooden floating boat docks. The project also includes shoreline stabilization. This project will provide a safer and more accessible structure for the public to visit Torry Island and Lake Okeechobee while protecting the surrounding wetlands.

Commissioner Isiminger stated that Pavilion Lake connects to the Lake Okeechobee (OWW) Rim Canal, provides access for bass fishing tournaments and serves a large public area of the OWW.

ITEM 10.56. Lake Wyman and Rutherford Park, Phase I, City of Boca Raton.

Ms. Jennifer Bistyga, with the City of Boca Raton, presented a Phase I application to engineer, permit and design new boardwalks within Rutherford Park and revitalize the canoe trails within Lake Wyman and Rutherford Park. Additional components include environmental enhancements within the two park areas and the development of a coastal hammock along the FIND property located in Lake Wyman. The Rutherford Park and Lake Wyman projects are located in the Intracoastal Waterway (IWW), 1.5 miles north of the Boca Raton Inlet, within the City of Boca Raton.

Commissioner Isiminger noted that the Intracoastal Waterway (IWW) runs past Rutherford and Lake Wyman parks, the parks are popular with the public, and the project relates to the IWW.

ITEM 10.57. Riviera Beach Marina Pier F, City of Riviera Beach.

Mr. John Sprague, for the City of Riviera Beach, presented the Dock F Replacement Application to strengthen the 35-year-old concrete Pier F with additional concrete pilings and caps. New pre-manufactured aluminum dock sections matching other portions of the project will be installed on top and will provide needed protected utility corridors between dock sections. A new section expansion will include a 14-foot wide by 325-foot wave attenuating concrete floating dock that will create marginal dockage on both sides to accommodate mega-yacht vessels up to 300-feet in length. These docks will utilize the just finished deepening of the Intracoastal Waterway (IWW) by FIND to -15-foot depth to allow for mega-yacht vessels. He stated that the 111-slip Riviera Beach Marina is located west of Peanut Island, north of the Palm Beach Inlet, and close to FIND's IWW deepening dredging project. This is a popular marina.

Commissioner Isiminger stated that this project is almost complete. He noted that the September Community Outreach Event will be held at this marina and commissioners will be able to see the project.

ITEM 10.58 Anchorage Park, Village of North Palm Beach.

Mr. Chuck Huff, with the Village of North Palm Beach, presented an application to construct a new canoe/kayak launch facility and boat day dock. Additional improvements include waterway access trails and viewing points. He stated that Anchorage Park is a large facility that is located on the Earman River and is the Village's largest public access point to the Intracoastal Waterway (IWW). He stated that this park has a walking trail and marina.

Commissioner Isiminger stated that this is a heavily used public park and is the site for a local fishing tournament.

Chair Netts called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 11:48 p.m.

Chair Netts reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 1:00 p.m.

ITEM 10.59. Southern Basin Dock Realignment, Phase I-B, City of Fernandina Beach.

Mr. Joe Springer, with the City of Fernandina Beach, presented a Phase I-B application to design and permit the realignment of the docks at the southern end of the Fernandina Harbor Marina. This alignment of internal docks on the south end of the marina will increase the rate of water flow through this area and reduce sediment action. The docks will be realigned from east/west, with finger piers sloped to contiguous north/south side configurations to reduce siltation. Portions of the current docks will be re-used in the new configuration.

ITEM 10.60. Mooring Field Capacity Increase, PH II, City of Fernandina Beach.

Mr. Joe Springer, with the City of Fernandina Beach, presented a Phase II application to construct an additional 79 mooring devices to the existing mooring field at the Fernandina Harbor Marina. The mooring field will be designed so that the area can be specific to boat sizes. He stated that upon completion this mooring field, the city will have a capacity for approximately 100 vessels and provide a safe and secure mooring field for both transient and local boaters.

ITEM 10.61. Marina Basin Maintenance Dredging, Phase II, City of Fernandina Beach.

Mr. Joe Springer, with the City of Fernandina Beach, presented a Phase II application to dredge the marina to keep dockage available for transient and local boaters. The project consists of providing for a pre-dredge and post-dredge bathymetric study of the dredge area, mechanical dredging from the south end of the breakwater, and the disposal of approximately 10,000 cubic yards of material. As these projects move forward, it will be determined if this part of the project can be completed with another dredging project.

ITEM 10.62. Shepard Park Improvements, Phase III, City of Stuart.

Mr. Tim Voelker, with the City of Stuart, presented a Phase III application to construct: a new seawall, demolish the existing timber walkway, and construct an ADA compliant sidewalk at the 4.5-acre Shepard Park, which is located on the south fork of the St. Lucie River. The project consists of constructing a new seawall with a concrete pile cap, demolition of the existing timer-walkway, and construction of an ADA compliant sidewalk. In addition, the project will perform site grading that will help promote percolation of stormwater run-off into the soil rather than discharging into the adjacent

Intracoastal Waterway (IWW). Phase II of this project was approved for FIND assistance in 2015, but due to poor soil conditions encountered onsite, the new seawall requires longer sheet piles and driven prestressed concrete piles for the tieback/deadman anchoring system, which have increased the project cost.

Vice-Chair Cuzzo stated that the City of Stuart provides excellent waterfront access to the public by land or boat. This new seawall will provide safe access to downtown Stuart.

ITEM. 10.63. Jensen Beach Managed Mooring Field, Martin County.

Ms. Kathy Fitzpatrick, with Martin County, presented an application to construct 57 mooring buoys within four (4) mooring posts and construct a dinghy dock along the Jensen Beach Causeway. The dock will facilitate ingress and egress between the mooring fields and the adjacent upland Harbor Master office that will have restrooms, shower and laundry facilities.

Commissioner Cuzzo stated that this project will allow mooring patrons to dock at the dinghy dock and walk to downtown Jensen Beach.

ITEM 10.64. Public Safety Marine Fire Suppression Pump, Town of Jupiter Island.

Sergeant Taylor, with Jupiter Island Public Safety, presented an application to purchase a fire suppression pump which would be mounted onto one of the town's marine units. This unit would improve public safety and reduce response time, and be more effective at suppressing vessel or structure fires from the waterside. The public safety unit has 23 employees, of which 16 are triple-certified Public Safety Officers, police, firefighting and emergency medical services. Of those 16 officers, seven (7) are extensively trained experienced marine officers. This unit patrols 28 miles of coast line which includes

the Intercostal Waterway (IWW) and the Atlantic Ocean. The marine unit patrols waterway related smuggling operations, immigrant landings, resource violations, boater safety violations and rescue.

Commissioner Cuzzo stated that this a great project and he noted that the Town of Jupiter Island does not often request funding.

ITEM 10.65. Riverwalk Waterfront, Part I, City of Port St. Lucie.

Ms. Bridget Kean, with the City of Port St. Lucie, presented a Part I application to provide infrastructure improvements to develop a waterfront park on a ten-acre, city-owned parcel along the North Fork of the St. Lucie River. This is a multi-year project that will enhance public access to the river. Part I will provide ninety (90) paved parking spaces, including seventeen (17) ADA compliant spaces and an overflow parking area. The project will also include installation of sewer lines, potable water service, a fire hydrant, stormwater collection system, and sidewalk. Future phases of the project will add a waterfront stage, terraced seating, walking-trails and approximately 2,200 linear-feet of new boardwalk along the North Fork of the St. Lucie River. The new boardwalk will connect to an existing boardwalk and boat docking area.

Commissioner Cuzzo stated that it is nice to see the City of Port St. Lucie doing this type of project.

Treasurer Donaldson stated that the City of Port St. Lucie has a beautiful waterway with public access points that tie into the Okeechobee Waterway (OWW). This a great project that will eventually become a public/private partnership with new restaurants and local businesses.

ITEM 10.66. Port of Fort Pierce, Fisherman's Wharf Bulkhead, PH II, St. Lucie County.

Mr. Kyle Croce, with St. Lucie County, presented a Phase II application to construct bulkhead replacement, basin dredging, boat ramp and parking improvements at Fisherman's Wharf at the Port of Fort Pierce. Fisherman's Wharf is heavily utilized for access to the Intracoastal Waterway (IWW). This project will replace aging infrastructure and increase and improve public access to the IWW.

Commissioner Donaldson stated that the port, the county and the city have been working on facility improvements for a very long time. He is hopeful that these projects will continue yearly and we will see a transformation of a beautiful area of the IWW.

Chair Netts called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 2:05 p.m.

Chair Netts reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 2:15 p.m.

ITEM 10.67. Fishing Pier at Riverside Park, Phase II, City of Vero Beach.

Mr. Donald H. Dexter, Jr., with the City of Vero Beach, presented a Phase II application to construct a fishing pier at Riverside Park in Vero Beach. Riverside Park is owned by the city and provides picnic shelters, a boat ramp with parking for 26 boat-trailers, a volleyball court, tennis facilities and exercise trails.

Mr. Dexter stated that this is a public/private project with a group of citizens who wanted to erect a memorial to a young boy, Cole Coppola, who loved to fish. The "Live Like Cole" Foundation honors Cole's philosophy of always helping where help is needed and lifting those up around him by encouraging self-worth and importance. This foundation is contributing to the cost to build a fishing pier as a memorial to Cole.

Treasurer Blow stated that he can remember being on a boat during a Community Outreach Event with Commissioner Dritenbas and as we passed this section of the waterway, Commissioner Dritenbas told him that this was a great area for fishing.

ITEM 10.68. City Marina Center Dock Improvement, City of Vero Beach.

Mr. Tim Grabenbauer, with the City of Vero Beach, presented an application to rehabilitate the center dock, which is the main dock leading to the marina office and fuel dock at the Vero Beach City Marina. The last time this dock was repaired was in the mid 1970's. The current dock is structurally unsound and needs this repair work.

Commissioner Sansom stated that this is a much-needed project.

ITEM 10.69. City Marina Mooring Field Expansion, Phase I, City of Vero Beach.

Mr. Tim Grabenbauer, with the City of Vero Beach, presented a Phase I application to plan and permit for an additional 20 mooring balls north of and adjoining the existing City of Vero Beach Marina Mooring Field. The existing mooring field was constructed in 1988 and has 57 mooring balls. The current mooring field has many vessels rafted together and anchored north of the mooring field. This expansion to the mooring field is much needed.

ITEM 10.70. City Marina Small Floating Docks, City of Vero Beach

Mr. Tim Grabenbauer, with the City of Vero Beach, presented an application to install two (2) drive-up floating docks inside the existing wet-slip, providing additional out of water storage at the Vero Beach City Marina.

Treasurer Blow asked if the new slips will be leased. Mr. Grabenbauer answer yes and stated that the fee will pay for the new slips in four (4) years.

ITEM 10.71. Oyster Bar Marsh Trail, Indian River County.

Mr. Roland DeBlois, with Indian River County, presented an application to develop an approximately 7,100-foot-long interpretive, shared-use recreational trail for hikers and bicyclists on an existing five-foot-wide mosquito impoundment berm adjacent to the Indian River Lagoon. Other project elements include a parking and trailhead area, a wildlife observation overlook, an exterior pavilion, and boardwalks along the trail to provide access to the overlook from the impoundment berm.

Vice-Chair Donaldson stated that this park is a popular spot and is heavily used by fishermen and kayakers and noted that this was one of Commissioner Dritenbas' favorite trails.

Ms. Zimmerman requested that when commissioners are completing their score sheets, to be sure to place their names on them. She informed commissioners that their scoring sheets are due back to the office by July 6, 2017.

ITEM 12. Washington D. C. Report.

Mr. Crosley stated that the that the Intracoastal Waterway received \$2.85 million in the fiscal year (FY) 2017 Army Corps of Engineers (USACE) Work Plan, which was released on May 24. He noted that Ms. Trulock reviewed this information during her presentation. He asked for questions. There were none.

ITEM 11-B. Public Comments.

Chair Netts asked if there were any additional public comments. There were none.

ITEM 13. Additional Staff Comments.

Chair Netts asked if there were any additional staff comments or discussion.

Ms. Zimmerman stated that the entire July Community Outreach event will be on-board the Amelia Rivers Cruises vessel from 6:00 p.m. until 8:00 p.m. Please arrive at the dock well before 6:00 p.m.

ITEM 14. Additional Commissioner Comments.

Chair Netts asked if there were any additional Commissioner comments.

Commissioner Isiminger thanked Commissioner Sansom for last evening's Community Outreach Event.

Vice-Chair Donaldson stated that he received a call from St. Lucie County Commissioner and Chair of the Erosion Control District, Ms. Frannie Hutchinson, thanking the District for placing sand on the beach. She commented how remarkable it was that the project was executed under such a tight time-frame.

Chair Netts noted that the quality of Assistance Projects has improved tremendously over the past several years.

ITEM 15. Adjournment.

Chair Netts stated that hearing no further business the meeting was adjourned at 2:58 p.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Finance and Budget Committee Meeting

8:30 a.m., Friday, July 21, 2017

Hampton Inn & Sites

19 S. Second Street

Fernandina Beach, Nassau County, Florida 32034-4201

ITEM 1. Call to Order.

Acting Committee Chair Blow called the meeting to order at 8:34 a.m.

ITEM 2. Roll Call.

Assistant Executive Director Janet Zimmerman called the roll and Acting Committee Chair Blow, Vice-Chair Donaldson and Commissioner Sansom were present. Committee Chair McCabe was absent. Ms. Zimmerman stated that a quorum was present.

ITEM 3. Additions or Deletions.

Acting Committee Chair Blow asked if there were any additions or deletions to the meeting agenda. Mr. Crosley stated that there were no additions or deletions to the meeting agenda.

Vice-Chair Donaldson made a motion to approve the agenda as presented. The motion was seconded by Commissioner Sansom. Acting Committee Chair Blow asked for any further discussion, hearing none, a vote was taken and the motion passed unanimously.

ITEM 4. Public Comments.

Acting Committee Chair Blow asked if there were any public comments on issues that are not on today's agenda. There were none.

ITEM 5. Financial Statements for May 2017.

Mr. Crosley presented the District's May 2017 financial statements.

Acting Committee Chair Blow asked if there were any questions. There were none.

Commissioner Sansom made a motion to approve a recommendation to the full Board of the financial statements for May 2017. The motion was seconded by Vice-Chair Donaldson. Acting Committee Chair Blow asked for any additional discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 6. May 2017 Budget Summary and Project Status Expenditure Reports.

Mr. Crosley presented the Budget Summary and Project Status Expenditure Reports for May of 2017. All projects are on track and many have been completed.

Acting Committee Chair Blow asked if there were any questions. There were none.

ITEM 7. Delegation of Authority Report.

Mr. Crosley presented the Executive Director's Delegation of Authority Report and stated that one (1) action was taken from June 9, 2017 through July 10, 2017.

Acting Committee Chair Blow asked if there were any questions. There were none.

ITEM 8. Tentative Budget for FY 2017-2018.

Mr. Crosley stated that staff has prepared a Tentative FY 2017-2018 budget for Committee review and approval to the full Board. The tentative budget must be approved at this meeting to comply with public notification requirements and scheduling. The tentative budget can be amended in the future at the District's two tax and budget hearings. However, following approval today, the millage rate cannot be increased, only decreased.

Mr. Crosley stated that the District has proposed to establish its tax millage rate at 0.320 mills which is the same as last year's millage rate. If the millage rate is rolled back,

projects may have to be cut. This is the 20th year in a row that the District has reduced or kept its millage rate the same.

Acting Committee Chair Blow asked about the potential impact the new Homestead Exemption will have on the District. Mr. Crosley stated that it will not impact this budget. The item will be placed on the ballot for vote in November of 2018 and if passed, would be implemented in 2019.

Mr. Crosley stated that FY 2017-2018 new revenue of \$26.6 million will include approximately \$26.1 million in taxes and \$500,000 in investment income.

Mr. Crosley stated that the FY 2017-2018 budget includes proposed new expenditures of approximately \$28.9 million in the following categories: Administration \$1.3 million; Operations \$10.8 million; Capital Programs \$3.0 million; Waterways Assistance Program Projects \$12 million; Cooperative Assistance Program Projects \$650,000.00; Public Information Program \$102,000 and; \$700,000 for Tax Collection and Property Appraisers Commissions. Approximately \$2.2 million of these new expenditures are financed with reallocated funds from the previous year's budget, based upon project cost savings and projects that did not move forward.

Mr. Crosley stated that expenditures for Capital Program projects are proposed to be \$10.8 million this year. For FY 2017-2018: design and permitting continues for DMMA BV-24A to facilitate the proposed property exchange with Brevard County; DMMA BV-11 will begin Phase I, design and permitting development; DMMA BV-4B in Brevard County will be constructed for IWW maintenance dredging; and DMMA O-23, Martin County, will be constructed for future Okeechobee Waterway (OWW) maintenance dredging.

Vice-Chair Donaldson questioned why the FY 2017-2018 budget is less than the FY 2016-2017 budget. Mr. Crosley stated that Schedule A-5 addresses the reallocated funds in detail. This is a preliminary budget and numbers can change as the assistance program and projects are adjusted.

Acting Committee Chair Blow asked if there were any additional questions. There were none.

Commissioner Sansom made a motion to approve a recommendation to the full Board of the Tentative Budget and the FY 2017-2018 Millage Rate of .0320. The motion was seconded by Vice-Chair Donaldson. Acting Committee Chair Blow asked for any additional discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 9. Additional Agenda Items or Staff Comments.

Acting Committee Chair Blow asked if there were any additional agenda items or staff comments.

Mr. Crosley stated that the District's First Public Budget and Tax Hearing will be held, Thursday, September 7, 2017 at 5:30 p.m., at the Riviera Beach Marina Event Center, 190 East 13th Street, Riviera Beach, Palm Beach County, Florida 33404-6826

ITEM 10. Additional Commissioners Comments.

Acting Committee Chair Blow asked if there were any additional Commissioner comments. There were none.

ITEM 11. Adjournment.

Acting Committee Chair Blow stated that hearing no further business the meeting was adjourned at 9:05 a.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Board of Commissioners Meeting

9:00 a.m., Friday, July 21, 2017

Hampton Inn & Sites

19 S. Second Street

Fernandina Beach, Nassau County, Florida 32034-4201

ITEM 1. Call to Order.

Chair Netts called the meeting to order at 9:07 a.m.

ITEM 2. Pledge of Allegiance.

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

ITEM 3. Roll Call.

Secretary Gernert called the roll and Chair Netts, Vice-Chair Donaldson, Treasurer Blow, Commissioner Crowley, Commissioner Isiminger, Commissioner O'Steen, Commissioner Sansom, and Commissioner Williams were present. Commissioner Cuzzo and Commissioner McCabe were absent. Secretary Gernert stated that a quorum was present.

ITEM 4. Consent Agenda.

Chair Netts asked if there were any comments or questions regarding the Consent Agenda. There were none.

Commissioner Williams made a motion to approve the Consent Agenda as presented. The motion was seconded by Treasurer Blow. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 5. Additions or Deletions.

Chair Netts asked if there were any additions or deletions to the meeting agenda.

Mr. Crosley stated that he would like to add to the agenda: Item 18A, Survey Update of Dredged Material Management Area BV-11, Brevard County, Florida; Item 22A, The Florida Department of Environmental Protection Cooperative Assistance Program Major Project Cost Modification, Project #DEP-16-85 Hugh Taylor Birch State Park IWW Improvement Phase II, Broward County; and additional information for Item, 11, Project Bid Approval for Dredging Reach I, Nassau County, Florida.

Mr. Crosley stated that he has distributed additional miscellaneous agenda information.

Treasurer Blow made a motion to approve the final agenda as amended. The motion was seconded by Commissioner Williams. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 6. Public Comments.

Chair Netts asked if there were any public comments on issues that are not on today's agenda.

Mr. Joe Springer, Marina Manager, Fernandina Harbor Marina, welcomed the District to Nassau County and thanked the Board for last evening's Community Outreach event.

ITEM 7. Board Meeting Minutes.

Chair Netts stated that the minutes for the June 2017 meeting will be presented for review and approval at the next Commission Board meeting.

ITEM 8. Staff Report on Nassau County Area Projects.

Mr. Crosley stated that the District completed Phase I of the Dredged Material Management Plan (DMMP) for the approximately 26 miles of Atlantic Intracoastal Waterway (AIWW) in Northeast Florida in 1986. Phase II of the DMMP was completed between 1986 and 2010. The plan was updated in 2007 in response to public and legislative concerns and the dredging reach boundaries were slightly altered. In 2014-2015, the AIWW Centerline Survey identified an area between the authorized AIWW channel and the Fernandina Harbor project that was not being actively managed or maintained for navigation. The DMMP was again updated in 2015-2016 in response to this additional area of dredging responsibility. There are three dredging reaches in the Nassau County project area, N-FHP, Reach I & Reach II. Over the next 50 years, approximately 853,600 cubic yards of material will need to be dredged from the approximately 15.65 miles of AIWW in Nassau County to maintain its navigability. The Plan designates that dredged material from Dredging Reach I, which is not beach quality, will be managed at Dredge Material Management Area (DMMA) NA-1 on Crane Island. Dredged material from Dredging Reach II, which is primarily beach quality, will continue to be placed on the Amelia Island State Park beach.

Mr. Crosley stated that Dredging Reach I is experiencing shoaling just south of the Shave Bridge and at other locations that will be dredged in the fall of 2017. In addition, there is an area of concern south of the Fernandina Beach Marina that will be addressed

though the District's efforts. Efforts have also been successful at re-marking the channel for naturally-occurring deep water.

ITEM 9. Comments from the U.S. Army Corps of Engineers.

Ms. Shelley Trulock, the IWW Project Manager with the U.S. Army Corps of Engineers (USACE), stated that the Survey, Plans and Specifications for the IWW Sawpit project in Nassau County will kick off in the first quarter of FY 2018. The USACE has not received any Work Plan funding for this calendar year. The project will be ready to go when funding is received either from the President's budget or Work Plan funding in FY 2018.

Ms. Trulock stated that the USACE has received \$5,500,000.00 in supplemental Federal funding to complete the dredging of the IWW near Ponce Inlet in Volusia County. The USACE is exploring combining the project with the Ponce Inlet dredging program to save on mobilization. Approximately 400,000 cubic yards of material will be removed from the channel. The most recent permit allows for upland and nearshore disposal only. The contract will be advertised October 18, 2017 and awarded December 15, 2017.

Mr. Crosley stated that there is approximately 600,000 cubic yards of material that needs to be removed from Rattlesnake Island. The USACE has about half of the needed funding for the offloading project. He will be coming to the Board with a work order to help fund the offloading of Rattlesnake Island.

Ms. Trulock stated that Plans and Specifications for the construction of Dredged Material Management Area (DMMA) O-7, Martin County, have been funded with Federal funding and construction will be funded by FIND. The construction contract was awarded to Cody Construction. Construction is underway, with a required completion date of July

14, 2018. The contractor has encountered very little unsuitable material so far. The project path forward is for the surplus material to be spread out in the existing furrows and the remainder stored within the fence line of the site.

Ms. Trulock stated that the Plans and Specifications for construction of DMMA O-23 will begin in November 2017. NEPA activities were started and are extensive. A Florida Department of Environmental protection (FDEP) exemption will be obtained since this project is upland construction. Project design concepts will be the same as DMMA O-7. She anticipates awarding the contract in Spring of 2018. A resource meeting and site visit took place June 8th with FIND, FDEP and the USACE. The relocation of the reindeer lichen, as proposed by the USACE, was acceptable to the FDEP. The USACE will move forward to obtain the resource permit for that plant relocation. She will be coming to the April 2018 Board meeting with a work order to help fund the construction.

Ms. Trulock stated that the USACE received \$1.2 million in supplemental funding for the Crossroads dredging project. Approximately 34,000 cubic yards of problematic shoaling within the Crossroads reach of the IWW was removed by the USACE hopper dredge Currituck. The dredging started on March 1 and was completed on March 22, 2017. The dredged material was placed in the St. Lucie Inlet Impoundment Basin. The USACE dredge, upon approval, will return in early 2018 and re-dredge the Crossroads reach of the IWW and dredge the widener. A request has been sent to Division, for review, requesting that the widener be included within the USACE's normal Operations and Maintenance of this area. Division is in agreement that this is the smart thing to do, however, the USACE will go through a review process. Taylor Engineering is working on a permit modification to dispose of the dredged material in the Inlet Impoundment Basin.

Ms. Trulock stated that the USACE is moving forward with permitting the IWW Broward Reach I Dredging Project. The current path forward is to dredge with a Wilmington District hopper dredge, unless it is determined that the quantity is large enough to justify standard procurement. Discussions with the Hillsboro Inlet Chairman, Mr. Jack Holland, led to the suggestion that the USACE could consider placing the dredged material further north on the beaches in Hillsboro Beach. Mr. Holland also supports placing the material within the existing Hillsboro Inlet settling basin, a permanent sand transfer station. This would alleviate the need to obtain National Environmental Policy Act (NEPA) approval on a new nearshore placement area. The Hillsboro Inlet dredge would then move the material to the beach south of the inlet. To do this, the USACE would need additional permits and possible NEPA coordination, since IWW material has never been placed in this disposal location. These changes will push this project out one additional year. The USACE will be looking for a third party to help fund beach disposal options.

Ms. Trulock stated that in March 2017, the USACE utilized \$300,000.00 of Hurricane Matthew Supplemental funding to remove 8,100 cubic yards of shoal at Bakers Haulover using the Currituck, with the material being placed off-shore of Bal Harbor Beach. The UASCE is now moving forward to advertise on July 21, 2017 and award the contract on September 30, 2017, for a standard procurement to remove an additional 45,000 cubic yards of material that will be placed on Bal Harbor Beach.

Commissioner Williams asked about investigating worldwide dredging techniques to determine if there is a better way to dredge.

Commissioner Isiminger suggested hiring dredging contractors on a continuation basis, like we hire engineers. Mr. Scarborough stated that Cape Canaveral did that with a

one-year base contract and two-year option. During the time of the contract there were price increases in gas and other related items. When it came time to renew the contract, the contractor did not want to bid or renew the contract.

Vice-Chair Donaldson stated that the reality is that dredging is expensive and until there is better technology for material management, the dredging companies are not willing to take on long-term contracts. The most critical piece of dredging is improving material disposal options such as in-water placement areas.

Dr. Taylor stated that there have been improvements in mechanical dredging. Multiple placement areas would allow more flexibility in how the District could proceed with a smaller dredging unit.

Commissioner Williams made a motion to approve the authorization for Taylor Engineering to perform a technology study of dredging improvements and multi-task/multi-year dredging contracts. The motion was seconded by Commissioner Isiminger. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 10. Update from the Atlantic Intracoastal Waterway Association.

Mr. Brad Pickel, Executive Director of the Atlantic Intracoastal Waterway Association (AIWA), stated that FIND plays a huge role in the AIWA's effort to keep the AIWW maintained.

Mr. Pickel stated that waterway maintenance projects are critical to our national infrastructure system. The AIWW, from Norfolk, Virginia to Jacksonville, Florida is the U.S. DOT-designated Marine Highway (M-95) that parallels Interstate 95. In FY 2017 all federal appropriations totaled \$48 million. Current estimates are that unmet maintenance

needs of the waterway are approximately \$125 million with an annual maintenance need of approximately \$50 million. The President's FY 2018 budget provides \$14 million for the AIWW.

Mr. Pickel stated that the AIWW annual meeting will be held November 15 and 16, 2017 in Wrightsville Beach, North Carolina.

Mr. Crosley thanked Mr. Pickel for all the work he has done for the AIWW, the States, communities and as a partner with FIND in Washington, D.C.

ITEM 11. Project Bid Approval for Dredging Reach 1, Nassau County, Florida.

Mr. Crosley stated that Taylor Engineering and District staff have been working to initiate the dredging of Reach 1 of the Atlantic Intracoastal Waterway (AIWW) in Nassau County. On July 17, 2017, the District received six (6) bid packages for the Nassau Reach I Maintenance Dredging project. The majority of bid values were within the expected range and the low bid was 28% below the engineers cost opinion. Based on the review by Taylor Engineering, the low qualified bidder was Southwind.

Vice-Chair Donaldson made a motion to approve the low qualified bid, Southwind, for the dredging of Nassau Reach 1 and approval of a lease agreement with the City of Fernandina Beach for the temporary use of DMMA NA-1 (as applicable), Nassau County, Florida. The motion was seconded by Treasurer Blow. Chair Netts asked for discussion.

Commissioner Sansom stated that he is concerned about the Southwind bid being so low. Mr. Scarborough stated that Southwind will be using a larger dredge and pipeline than Taylor's project specifications and estimate calculated. When factoring the changes into the estimate it is accurate.

Mr. Crosley stated that the alternate project bid result will be transmitted to the City of Fernandina Beach for review. Should the City desire to pursue the alternate bid, an agreement will be necessary to utilize Dredged Material Management Area (DMMA) NA-1 for material storage.

Commissioner Williams asked about Alternate Bid 1 for the Marina dredging, and noted that the cost for material storage seems high.

Mr. Crosley suggested that the Board approve the primary bid only. The alternate bid can be considered separately after the City approves it. Staff will continue to work with Fernandina Beach.

Mr. Scarborough noted that different equipment will be used for the alternate project and Southwind has requested notification when that project is approved.

Vice-Chair Donaldson amended the motion to approve the low qualified bid, Southwind, for the dredging of Nassau Reach 1. The motion was seconded by Treasurer Blow. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 12. Scope of Services and Fee Quote for Construction Administration Services for Nassau Reach I Maintenance Dredging of the Atlantic Intracoastal Waterway, Nassau County, Florida.

Mr. Crosley stated that Taylor Engineering has submitted a scope of services and fee quote to administer and closeout, upon project completion, the maintenance dredging of Nassau Reach I of the Atlantic Intracoastal Waterway (AIWW). This project also includes an alternate bid item for the dredging of the marina.

Treasurer Blow made a motion to approve a scope of work and fee quote in the amount of \$124,944.75 from Taylor Engineering for Construction Administration

Services for Nassau Reach I Maintenance Dredging of the Atlantic Intracoastal Waterway, Nassau County, Florida. The motion was seconded by Commissioner Isiminger. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 13. City of Fernandina Beach Assistance Projects Emergency Extension Requests.

Ms. Zimmerman stated that the City of Fernandina Beach has requested an additional 3-year extension for each of their seven (7) currently active project agreements. These projects have all been impacted by Hurricane Mathew in October 2016. By law and in accordance with the District program rule 66B-2.009(7), if the completion of a project is impacted by a declared state of emergency and the Board waives this rule section, the Board may grant an extension not to exceed one additional three (3) year period. The project names are: Southern Basin Dock Realignment, PH I; Marina Basin Maintenance Dredging; Breakwater Dock Safety Enhancements, PH II; Managed Mooring Field Cap Increase, PH IA; Dock 6 Fire Safety Enhancements; Mooring Field Improvements, PH I; and Marina Welcome Center Deck.

Commissioner Sansom noted that several of these projects are very new and he questions a project extension now. Commissioner Williams stated that the City would like all projects extended so that they can be worked on together and finished at the same time.

Mr. Springer stated that because of the magnitude of the damage done by Hurricane Matthew and the work regulations involved, this gives the City the ability to design and bid the entire project at once.

Commissioner Isiminger made a motion to approve the City of Fernandina Beach's requested project agreement extensions for one additional three (3) year period for each

active Waterway Assistance Program Agreement, Nassau County, Florida. The motion was seconded by Commissioner Williams. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 14. City of Fernandina Beach Waterways Assistance Program Major Project Cost Modification: Project # NA-FB-15-17, Breakwater Dock Safety Enhancement Phase II, Nassau County, Florida.

Ms. Zimmerman stated that the City of Fernandina Beach has submitted a request to modify Waterways Assistance Program (WAP) project #NA-FB-15-17 Breakwater Dock Safety Enhancement Phase II. In FY 2015, the Board approved a WAP project to repair and enhance the breakwater dock at the City marina. This request is to make the Fuel Dock area of the dock safe and usable to allow the dispensing of fuel, water, pump outs and overnight dockage. In October 2016, Hurricane Mathew severely damaged the marina, destroying the docks and fuel service.

Commissioner Williams made a motion to approve the City of Fernandina Beach's major project cost estimate modification request for Project Agreement # NA-FB-15-17, Breakwater Dock Safety Enhancement Phase II Project, Nassau County, Florida. The motion was seconded by Commissioner Crowley. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 15. Assistance Projects Extension Requests.

Ms. Zimmerman stated that several Waterway Assistance Program (WAP) Project Sponsors have requested extensions of their FY 2015-16 project agreements. The revised project expiration date for each project will be September 30, 2018.

Commissioner Williams made a motion to approve the requested project agreement extensions for one additional year. The motion was seconded by Vice-Chair Blow. Chair

Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 16. FY 2017-2018 Assistance Program Application Rating and Evaluations.

Ms. Zimmerman stated that staff has compiled the Commissioner's Rating and Evaluation Scores for the submitted and reviewed FY 2017-18 Cooperative Assistance Program (CAP) and Waterways Assistance Program (WAP) applications. Each application received more than the required 35 points for further funding consideration, pursuant to the program rules. The project permit deadline is September 20, 2017. Board approval continues all eligible projects for funding consideration to the final Truth In Millage Act (TRIM) hearing in September.

Vice-Chair Donaldson made a motion to approve the final listing of FY 2017-2018 Assistance Program applications for funding consideration at the final TRIM hearing. The motion was seconded by Treasurer Blow. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 17. Assistance Program Process Review.

Ms. Zimmerman stated that an item that came up this year was commercial access and use of boat ramps and docks. Local governments currently regulate commercial activities at boat ramps, docks and marinas in a variety of ways. The Districts rule does cover commercial access at boat ramps. If commissioners would like stronger wording requiring commercial use of the facility included in the project funding agreement, the rule would need to be changed.

Commissioner Crowley stated that in Miami, commercial users, such as private enterprises, were using City boat ramps to launch in and out of the water. The City stated

that any excursion boat carrying passengers for money cannot use public boat ramps. Commercial use of boat ramps should be allowed, but not so much that it interferes with the public's use of the facility. He questions if this is the District's job to regulate this or is it up to local government. This is a difficult issue.

Chair Netts suggested that perhaps a higher-ranking score could be applied to an application that provides for or allows commercial use of their boat ramp or dock facility. The non-residential component of the District's Tax base is important.

Ms. Zimmerman reference Rule 66B-2.004(4) and stated that staff is recommending including the wording: Local government may place reasonable restrictions on commercial operation/use/activities to preserve the project for the equal enjoyment/use of all.

Attorney Breton stated that the current rule states that the facility shall be the same for the general public. The rules do not define "general public". The District's rule currently leaves the type of use for the project up to local government and usually that is for the general boating public.

Attorney Breton referenced Rule 66B-2.004(4), where the wording is highlighted and suggested the wording read "Local government may not prohibit commercial operation activities, but may place reasonable restrictions on commercial operations." Regulations would be by ordinance or rule adoption and the local interest would all have their input.

Commissioner Isiminger a motion to approve adding to Rule 66B-2.004(4), wording "Local government may not prohibit commercial operation activities, but may place reasonable restrictions on commercial operations." The motion was seconded by Commissioner Sansom. Chair Netts asked for discussion.

Commissioner Crowley asked if the restrictions would be done by ordinance or staff rule. Mr. Crosley stated that before the proposed statute change is made it must be advertised. Staff will bring those suggested changes back to the Board for review before advertisement.

Chair Netts asked if there was any further discussion. Hearing none, a vote was taken and the motion passed unanimously.

Vice-Chair Donaldson referenced a Florida Department of Transportation (FDOT) application that was rejected in the Cooperative Assistance Program (CAP) because the FDOT did not own the property. The FDOT was willing to be the applicant for the Fisherman's Wharf project, a County owned property. He would like to look at the CAP Rule to allow regional type projects to qualify for the District's CAP.

Mr. Crosley stated that an agreement between the FDOT and the County could have made that application eligible for the District's CAP.

Ms. Zimmerman stated that the FDOT was willing to fund the portion of the project for the County and City to develop the Fisherman's Wharf area. Because this was an expensive project, the goal was to try to obtain CAP funding.

Chair Netts asked if the Board agrees for staff to develop a CAP Rule allowing regional type projects with multiple upland property owners and joint applicants. The Board agreed.

ITEM 18. Scope of Services and Fee Quote for Professional Engineering Services for Permitting and Final Design of Dredge Material Management Area BV-11, Brevard County, Florida.

Mr. Crosley stated that Taylor Engineering has submitted a scope of work and fee quote for permitting and final design of Dredge Material Management Area (DMMA) BV-

11 on Merritt Island in Brevard County. This site is one of the District's primary DMMA's and is necessary for the long-range maintenance and management of Dredging Reach III of Intracoastal Waterway in Brevard County. The proposal includes a geotechnical sub-consultant, which is necessary to ensure site does not impact groundwater resources.

Commissioner Williams made a motion to approve a scope of work and fee quote in the amount of \$246,681.60 from Taylor Engineering for Professional Engineering Services, in addition to \$124,600 for Ellis & Associates for required geotechnical services for Dredged Material Management Area BV-11, Brevard County, Florida. The motion was seconded by Commissioner Sansom. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 18A. Survey Update of Dredged Material Management Area BV-11, Brevard County, Florida.

Mr. Crosley stated that the necessary due diligence for design and permitting of Dredged Material Management Area (DMMA) BV-11 will require an update to the boundary map and additional survey work for topography, rights-of-way and easements, utilities, wetland delineations and geotechnical boring locations.

Mr. Crosley stated that staff contacted Widden Survey & Mapping, Inc., a firm that has successfully completed this type of work recently at other District sites. The firm responded to the scope of work with a fair fee rate and project schedule.

Commissioner Williams made a motion to approve the scope of work and fee quote From Widden Survey & Mapping, Inc. in the amount of \$28,921.40 for required survey work at Dredged Material Management Area BV-11, Brevard County, Florida. The motion was seconded by Commissioner O'Steen. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 19. Bid Approval to Engage the Services of a Marine Environmental Consultant for a Post-Construction Benthic Resource Survey of the Broward Intracoastal Deepening Project, Broward County, Florida.

Mr. Crosley stated that permit requirements for the Broward Intracoastal Waterway Deepening Project require post-project benthic resource surveys for three-years following project completion. Staff requested proposals from six qualified firms to complete this project. Two firms responded, with ESA Scheda submitting the qualified low bid. This firm has successfully completed work for FIND in the past.

Secretary Gernert made a motion to approve the low bid of \$115,065.00 from EAS Scheda to conduct three (3) years of post-project benthic monitoring for the Broward Intracoastal Waterway Deepening Project. Broward County, Florida. The motion was seconded by Vice-Chair Donaldson. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 20. Finance and Budget Committee Report.

Treasurer Blow made a motion to approve the recommendations of the District's Finance and Budget Committee, May 2017 financial statements, the delegation of authority, and the expenditure and project status report. The motion was seconded by Secretary Gernert. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 21. Washington D.C. Report.

Mr. Crosley stated that On June 28, the House Energy and Water Appropriations Subcommittee marked up the fiscal year (FY) 2018 Energy and Water Development, and Related Agencies Appropriations bill, which provides annual funding for national defense

nuclear weapons activities, the Army Corps of Engineers, various programs under the Department of Energy (DOE), and other related agencies. The Army Corps of Engineers (USACE) is funded at \$6.16 billion, an increase of \$120 million above the fiscal year 2017 enacted level and \$1.16 billion above the President's budget request. Since the bill has not been considered by the full House Appropriations Committee, specific funding details pertaining to navigation and inland waterways is not available, The President's budget request includes \$3.56 million for the Intracoastal Waterway and \$2.22 million for the Atlantic Intracoastal Waterway (AIWW). In total, the bill includes \$2.8 billion for navigation projects.

Mr. Crosley stated On June 8, 2017, Mr. Davenport and Skip Bafalis met with Congressman Don Young (R-AK), a senior member of the House Natural Resources Committee, who introduced legislation on January 1, 2017 to reauthorize the Magnuson Stevens Act. They fully briefed Congressman Young on the essential fish habitat (EFH) consultation issue as it pertains to FIND, including meetings with House Natural Resources Committee staff, meetings in 2005 with the National Marine Fisheries Service (NMFS), the meeting in West Palm Beach with Rep. Lois Frankel, NMFS and the USACE, and the assistance from Jacksonville Corps and USACE Headquarters in drafting legislative language to remedy the situation. It was explained that the USACE has the ability to override the recommendations of NMFS during the EFH consultation process. Thus, when FIND conducts maintenance dredging on behalf of the USACE for the federal project, using its own money, FIND should be accorded the same rights.

ITEM 22A. The Florida Department of Environmental Protection Cooperative Assistance Program Major Project Cost Modification: Project #DEP-16-85, Hugh Taylor Birch State Park IWW Improvements Phase II, Broward County, Florida.

Ms. Zimmerman stated that the Florida Department of Environmental Protection (FDEP) has submitted a request to modify Cooperative Assistance Program (CAP) project #DEP-16-85 Hugh Taylor Birch State Park IWW Improvements Phase II. In FY 2016, the Board approved a CAP project to construct a seawall and floating dock and make improvements to the education center and trails at Hugh Taylor Birch State Park.

Ms. Zimmerman stated that the requested modification is needed to allocate a larger percentage of the already approved funding to the seawall portion of the project. Due to the complexity of the seawall repairs, this component of the project will cost more than originally anticipated. The overall District project cost share of this project will remain the same, as will the FDEP's match.

Treasurer Blow made a motion to approve the Florida Department of Environmental Protection's major project cost estimate modification request for Project Agreement # DEP-16-85 Hugh Taylor Birch State Park IWW Improvements Phase II Project, Broward County, FL. The motion was seconded by Secretary Gernert. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 22B. City of Fernandina Beach Temporary Use of DMMA NA-1 (as applicable), Nassau County, Florida.

Treasurer Blow referenced Item 11, and asked the cost for the City of Fernandina Beach to dredge the City marina, in conjunction with the District's IWW dredging project.

Mr. Crosley referred to the Alternate bid summaries. He stated that the District has modified the Dredging Reach I, Nassau County project scope four times to accommodate the City marina project. Therefore, there are multiple alternate bids. He noted that he had mentioned under Item 11 that “the Board approve the primary bid only. The alternate bid can be considered separately after the City approves it. Staff will continue to work with Fernandina Beach on this.”

Mr. Scarbough stated that bid includes removing the existing docks and piles, dredging and placing the material into DMMA NA-1. It does not include dock replacement.

Commissioner Williams reviewed the project bid and noted that the price seems high and perhaps the scope could be changed. He stated that the City will meet August 1st and will discuss this bid and project scope at that time.

Commissioner Williams also stated that use of DMMA NA-1 cost seem high.

Commissioner Sansom stated that the City would have an obligation to remove the material they place into DMMA NA-1 but he questions the District charging the City to place the material into DMMA NA-1.

Mr. Crosley stated that ten-cents per cubic yard of material is minimal. He noted that the District could wave the fee and hold the Bond until the City has completed the offloading of the material from DMMA NA-1.

Vice-Chair Donaldson stated that the District could give the City a certain amount of time to offload the material before imposing a fee. If it becomes an adverse situation, it could affect the Cities assistance ranking and ability to seek funding from the District.

Treasurer Blow made a motion to approve waiving the fee, for five-years and a lease agreement with the City of Fernandina Beach for the temporary use of DMMA NA-1 (as applicable), Nassau County, Florida. The motion was seconded by Secretary Gernert.

Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

ITEM 22. Additional Staff Comments and Additional Agenda Items.

Mr. Crosley stated that the District's First Public Budget and Tax Hearing will be held, Thursday, September 7, 2017 at 5:30 p.m., at the Riviera Beach Marina Event Center, 190 East 13th Street, Riviera Beach, Palm Beach County, Florida 33404-6826. The Board agreed to the date, time and location of the District's First Public Budget and Tax Hearing.

Mr. Crosley stated that there will not be an August 2017 Board Meeting.

Commissioner noted asked to call into the September 7, 2017 meeting.

ITEM 23. Additional Commissioners Comments.

Commissioner Sansom noted that it was nice to be on the waterway for last evening's Community Outreach Event and stated that the tour was very interesting.

Treasurer Blow made a motion to approve adding to the agenda: City of Fernandina Beach Temporary Use of DMMA NA-1 (as applicable), Nassau County, Florida. The motion was seconded by Secretary Gernert. Chair Netts asked for discussion. Hearing none, a vote was taken and the motion passed unanimously.

Chair Netts closed Commissioner comments for approximately ten-minutes and moved to Agenda Item 22B.

Commissioner Williams asked commissioners to visit the City of Fernandina Beach Marina to view the damages.

Secretary Gernert stated that he enjoyed the tour and learning the history of the area.

Secretary Gernert presented a Marine Industries Association of South Florida 2017 Project of Excellence award plaque to the Florida Inland Navigation District for the Broward Deepening project. The project was very large and is very well recognized by the community and marine industry business leaders.

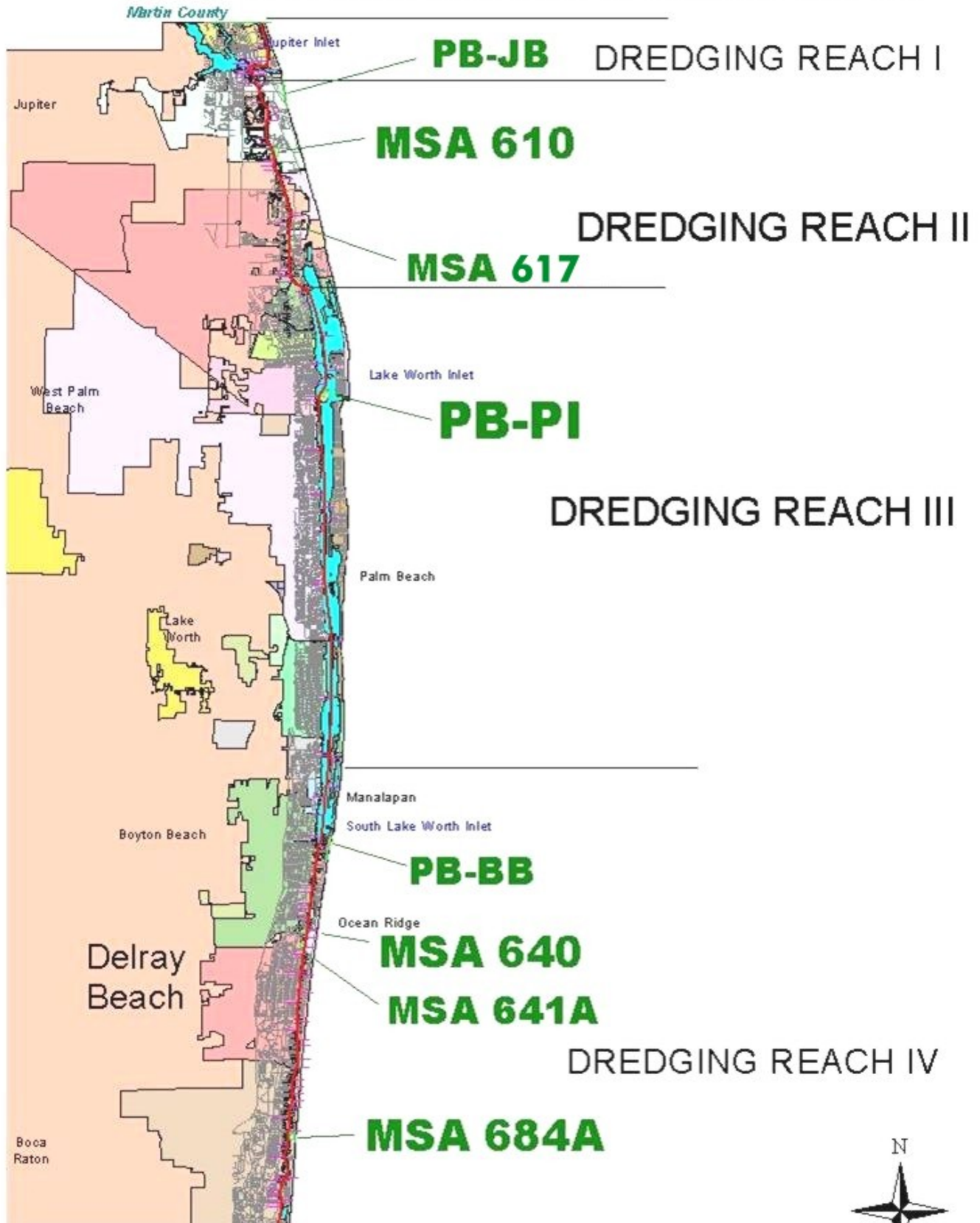
Mr. Crosley noted that staff is working on an award for Port Everglades to thank them for being an integral part of the Broward Deepening Project.

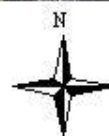
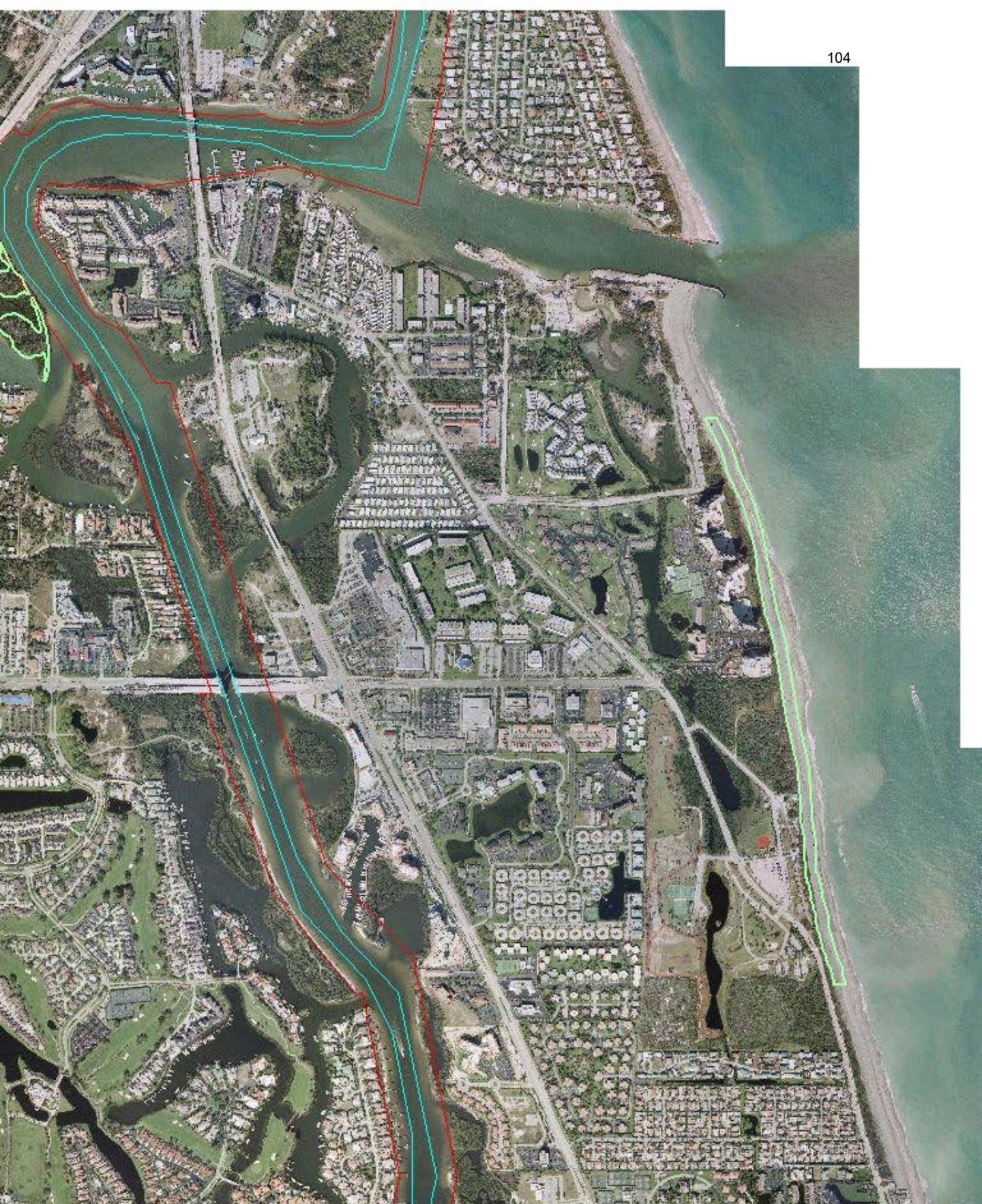
ITEM 24. Adjournment.

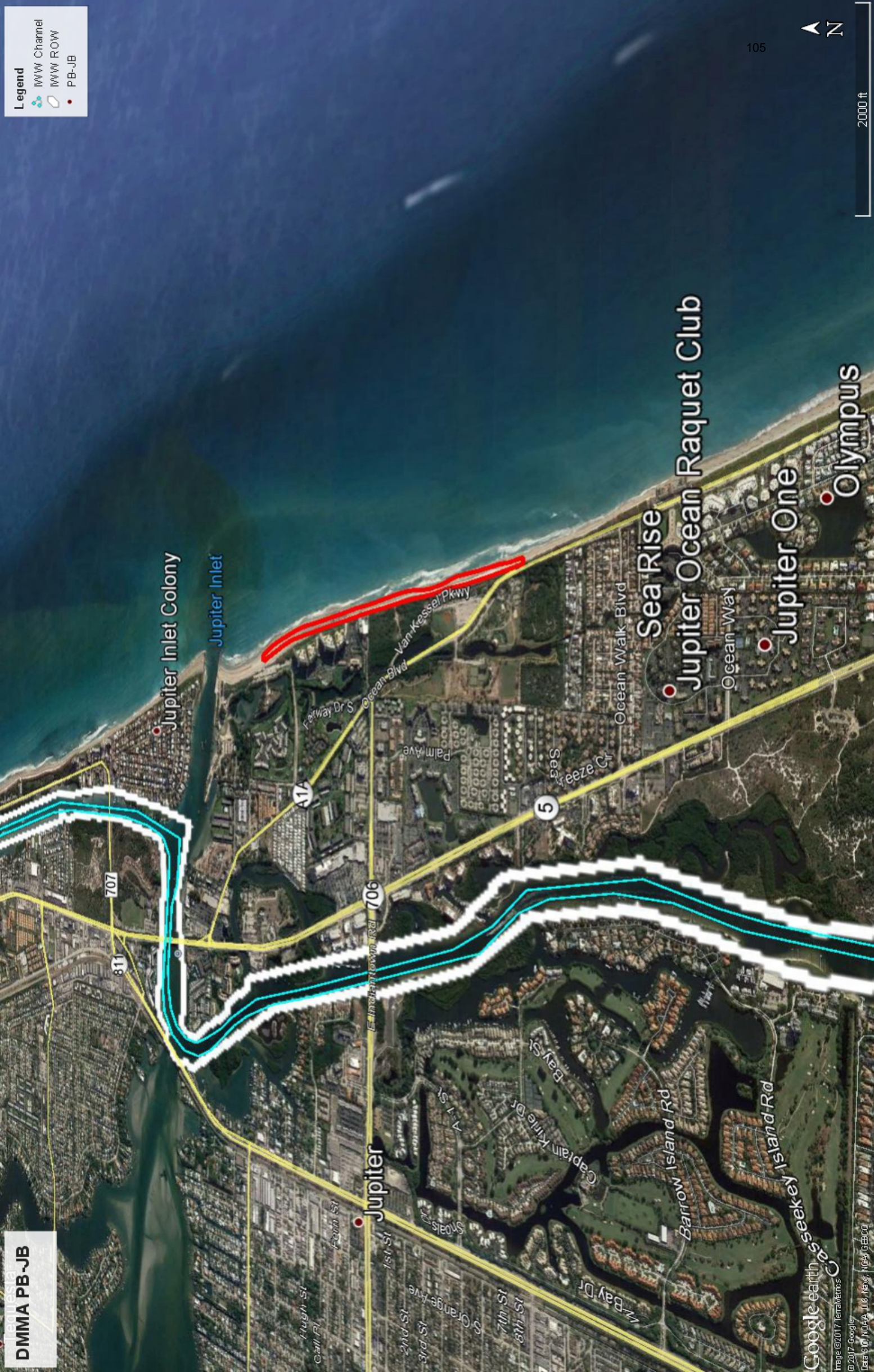
Chair Netts stated that hearing no further business the meeting was adjourned at 12:13 p. m.

PALM BEACH COUNTY ICW DREDGING REACHES AND DREDGED MATERIAL MANAGEMENT AREAS

103









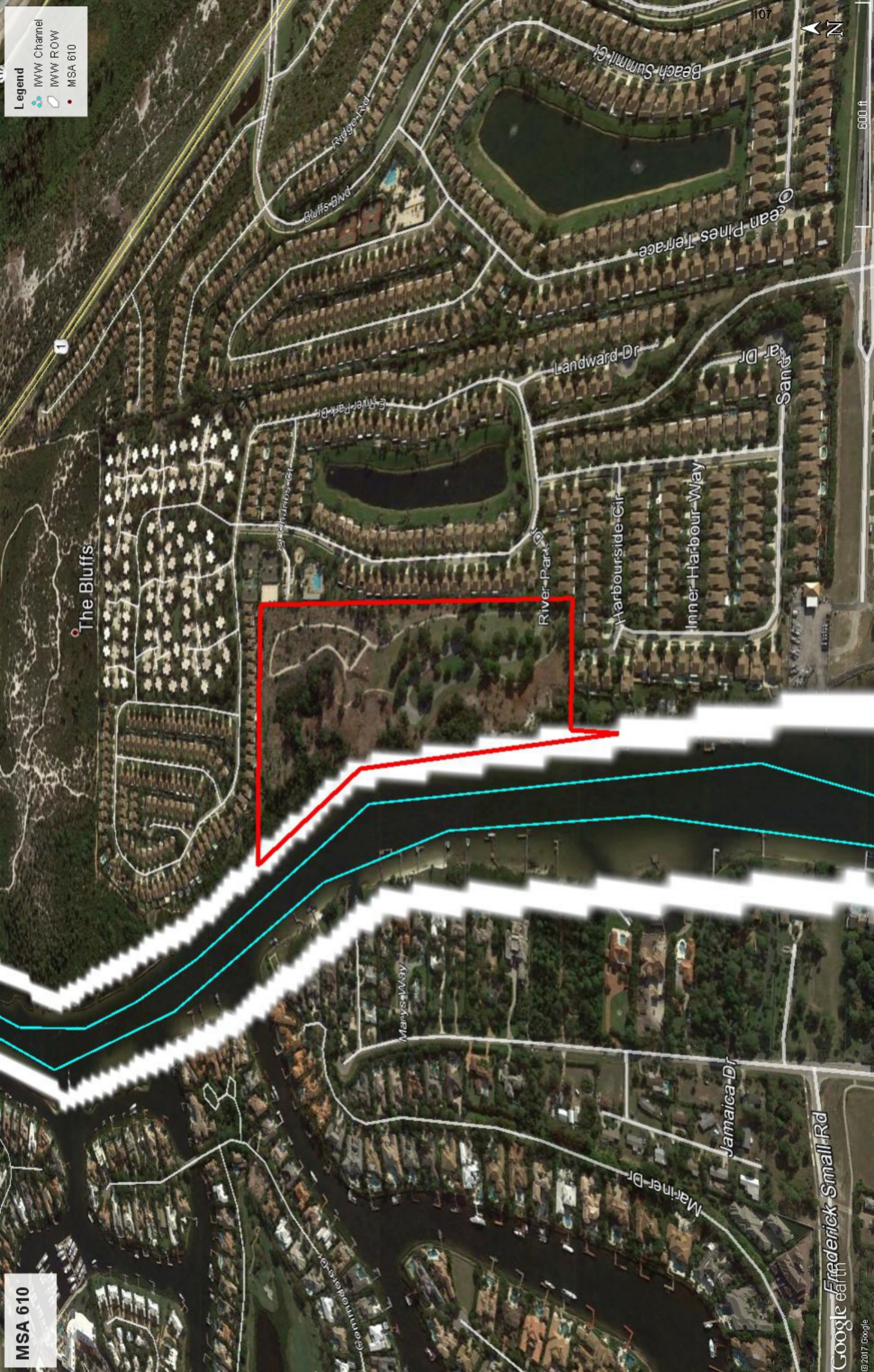


106

-  FIND Owned
-  Channel
-  ICW Right-of-Way

MSA 610/611





MSA 610

Legend
IWW Channel
IWW ROW
MSA 610

The Bluffs

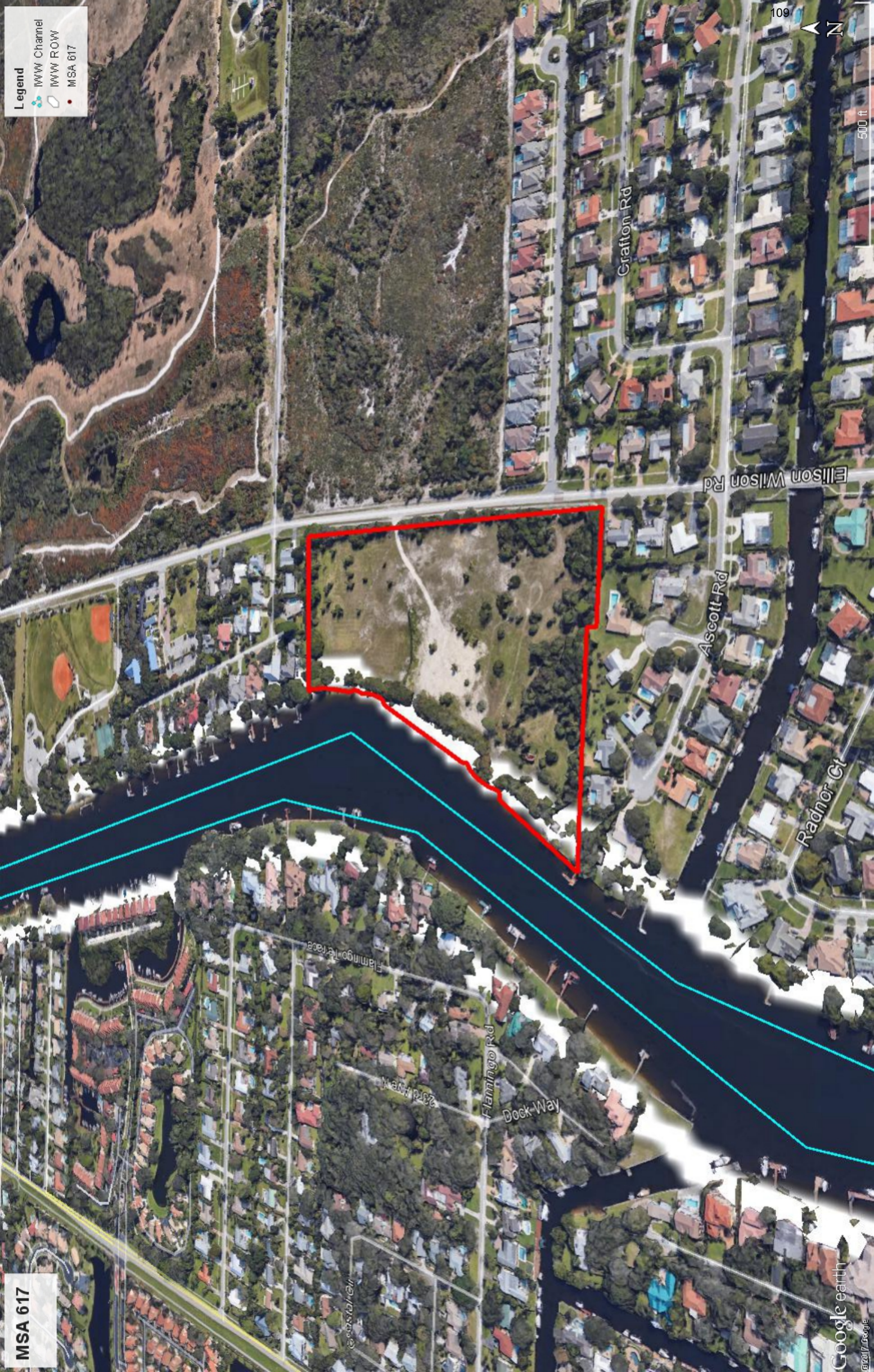
Google Earth
© 2017 Google



FIND Owned
Channel
ICW Right-of-Way

MSA 617C







DMMA PB-PI





DMMA PB-PI

Legend

IWW Channel

IWW ROW

DMMA PB-PI



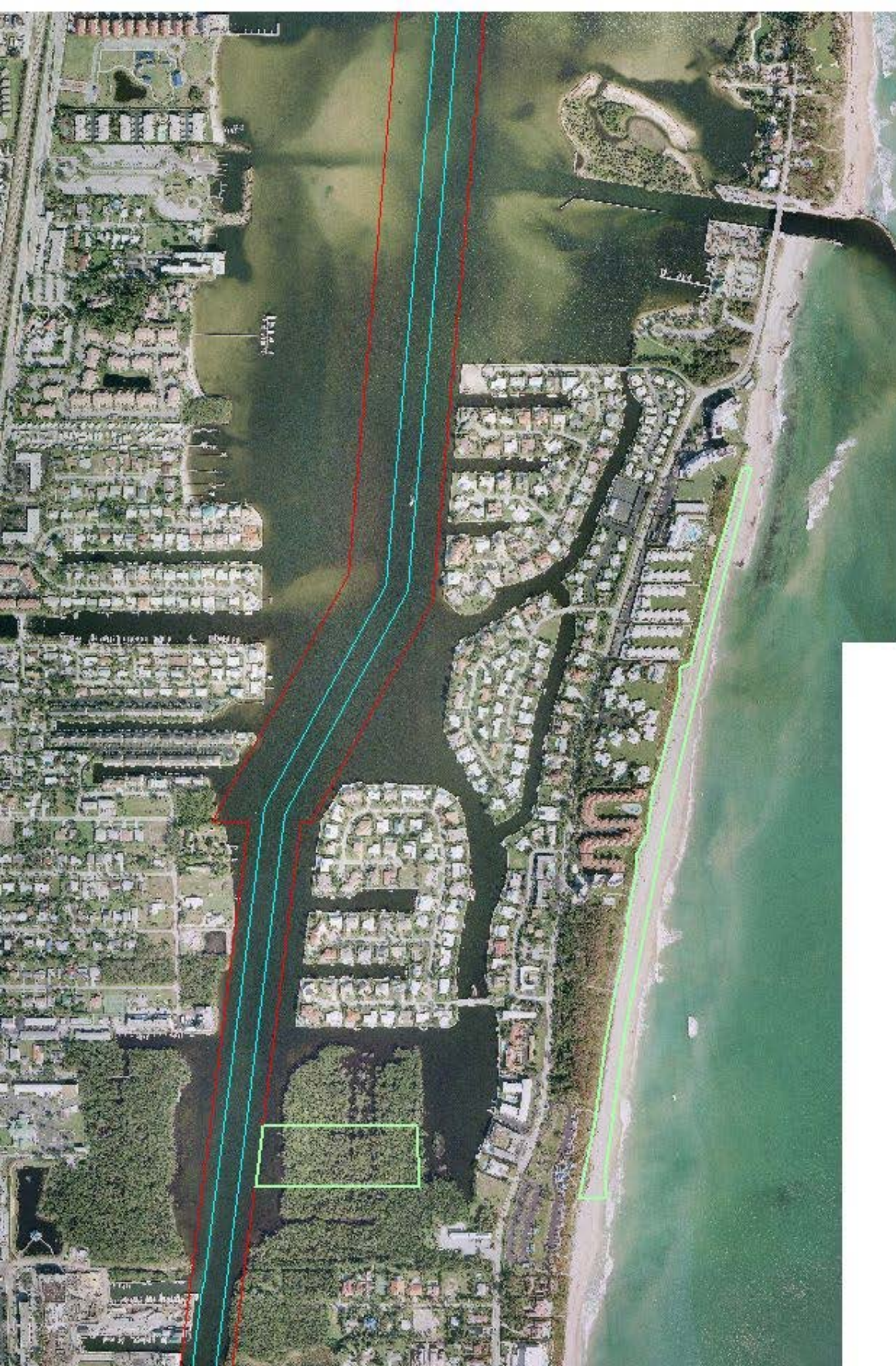
700 ft




111

Peanut Island

Google Earth

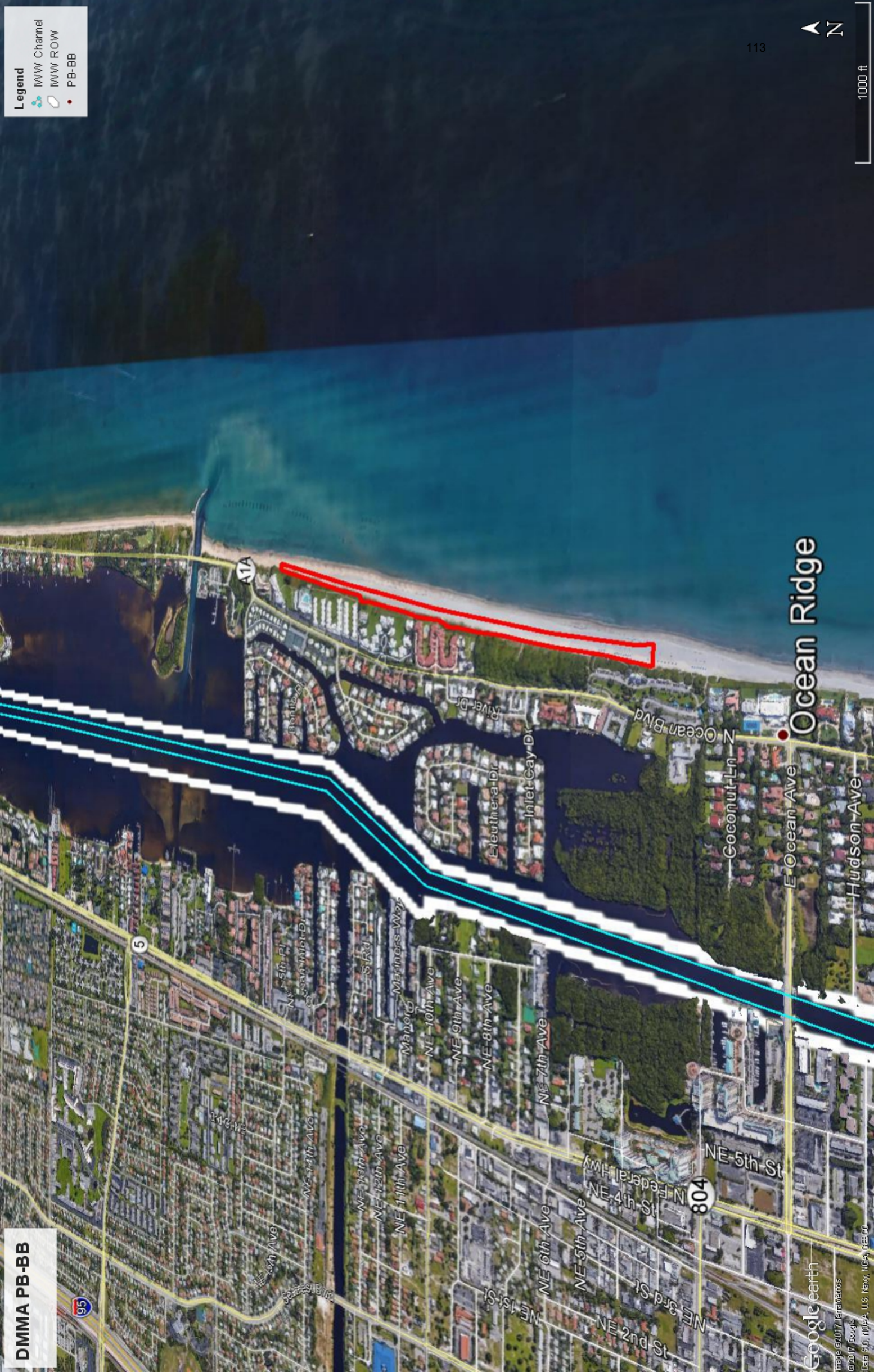
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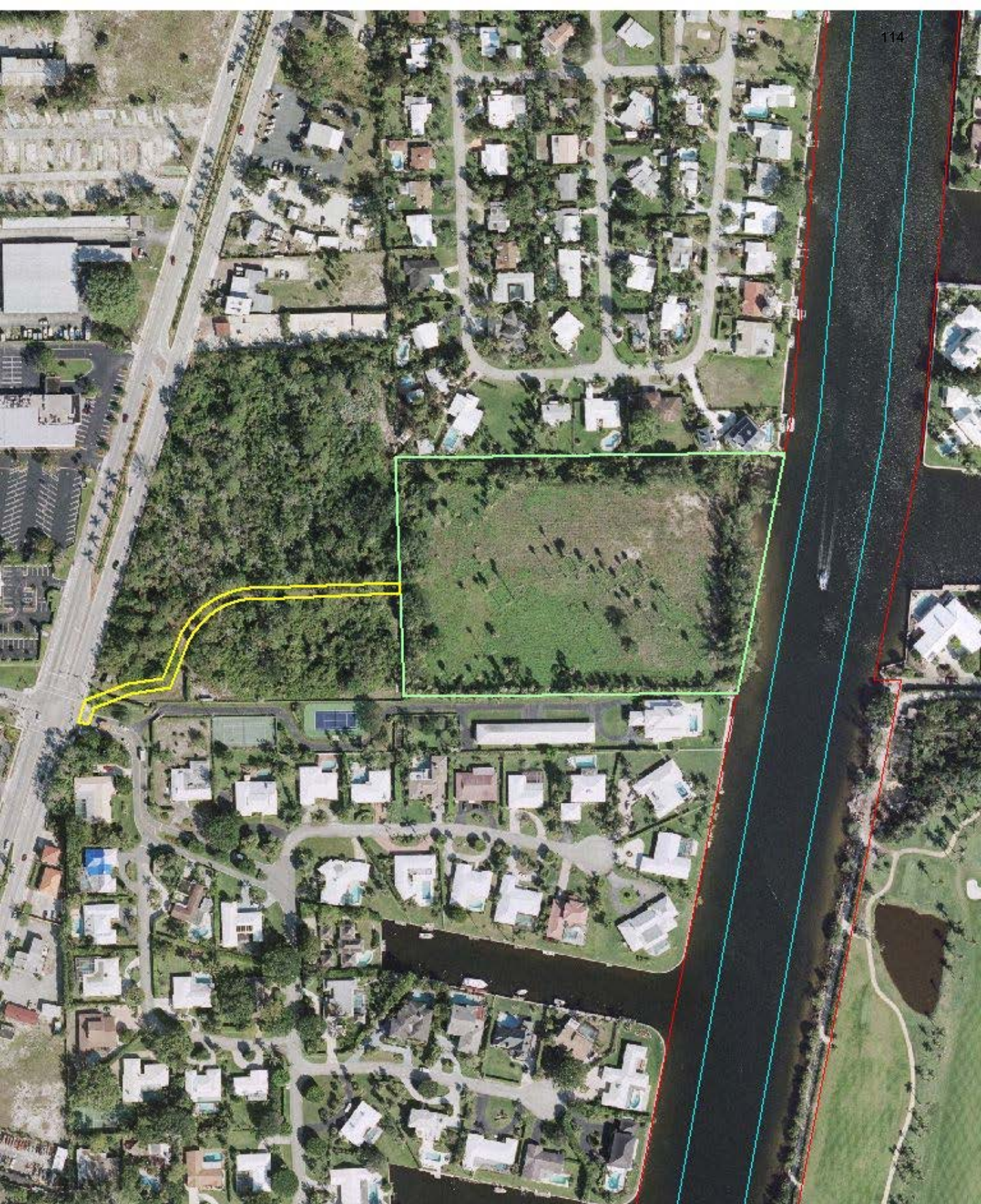


 FIND Owned
 Channel
 ICW Right-of-Way

DMMA PB-BB

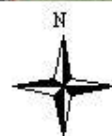


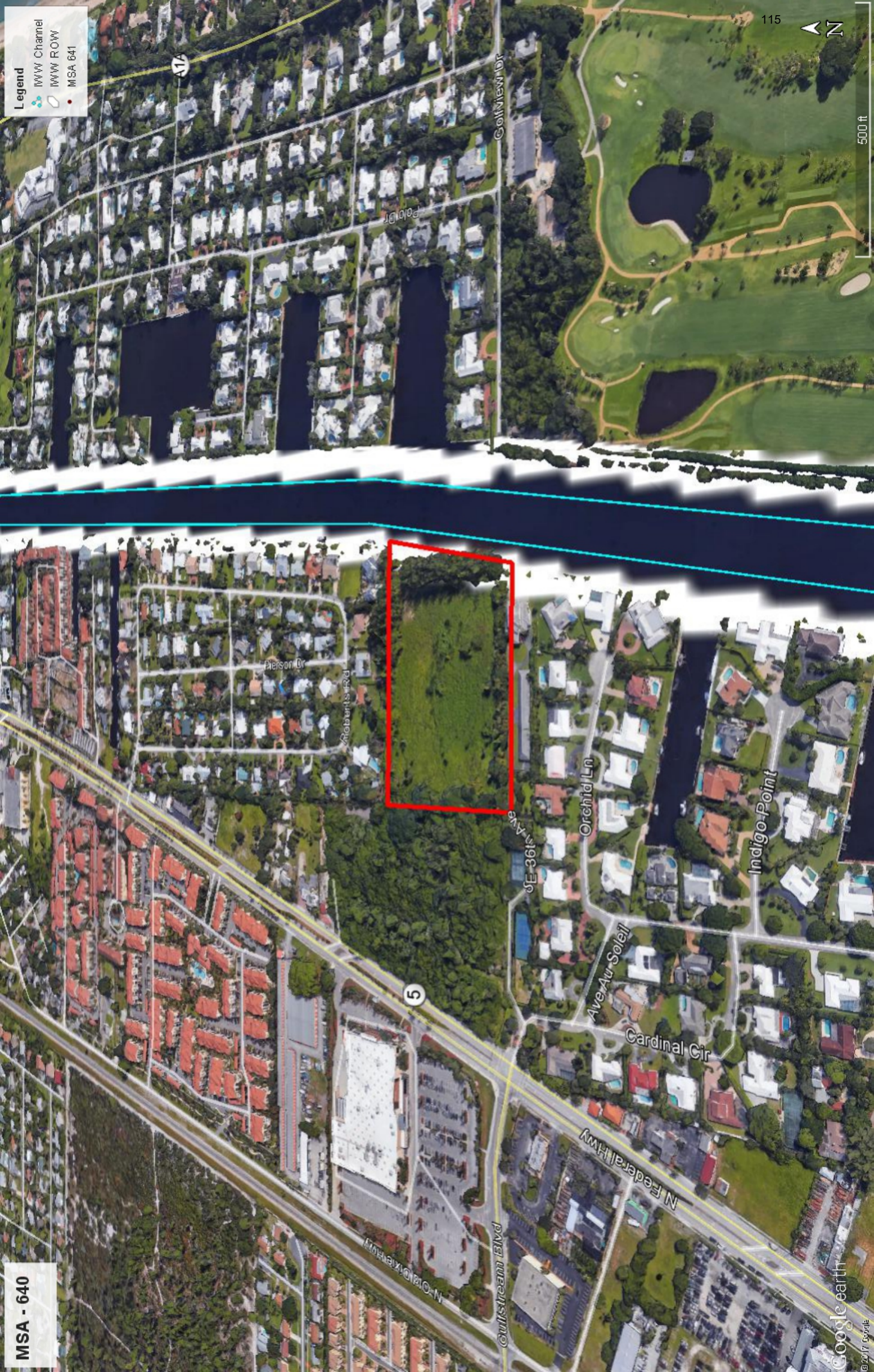


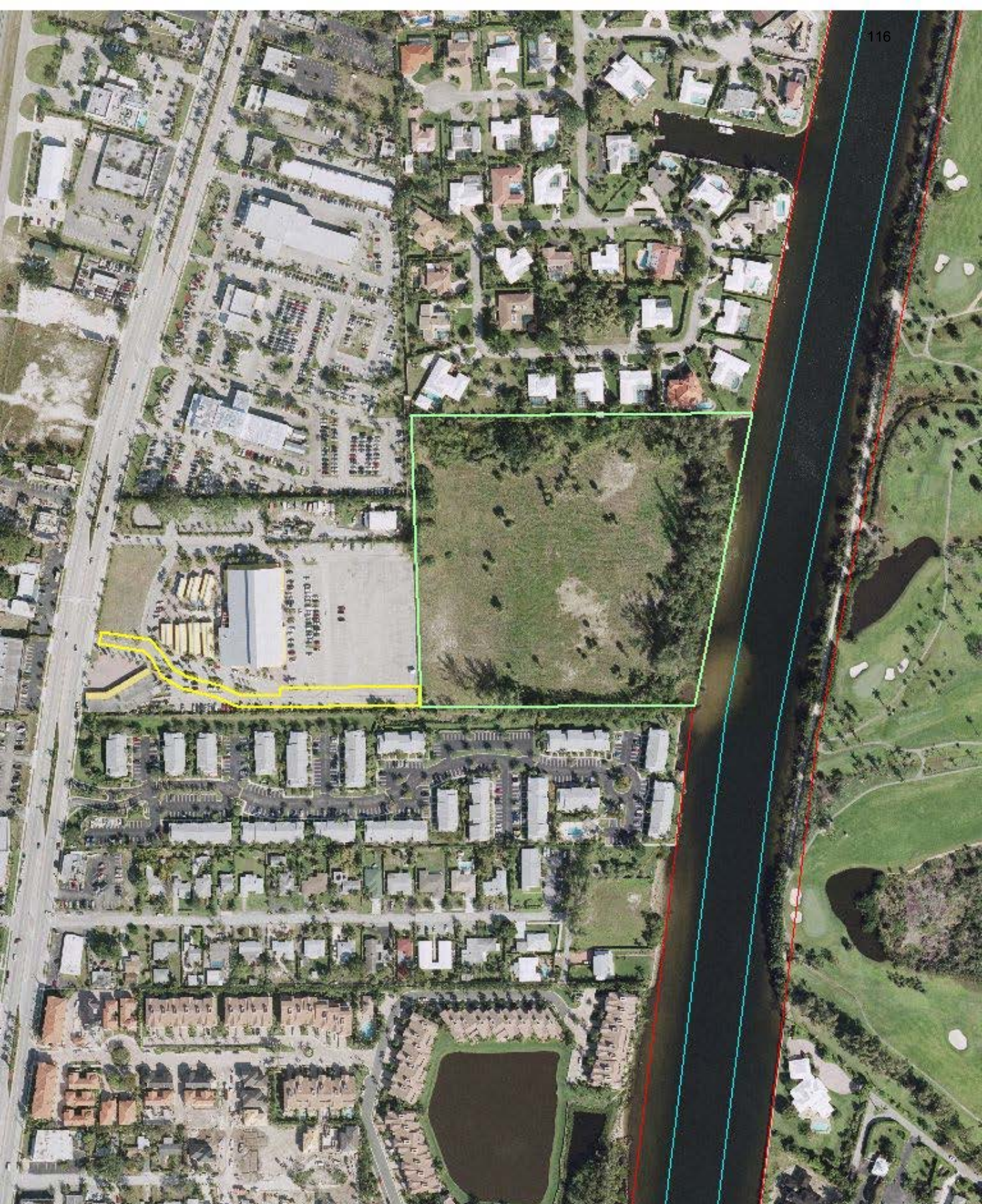


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-  FIND Owned
-  Channel
-  ICW Right-of-Way

MSA 640/640A

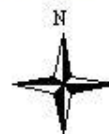




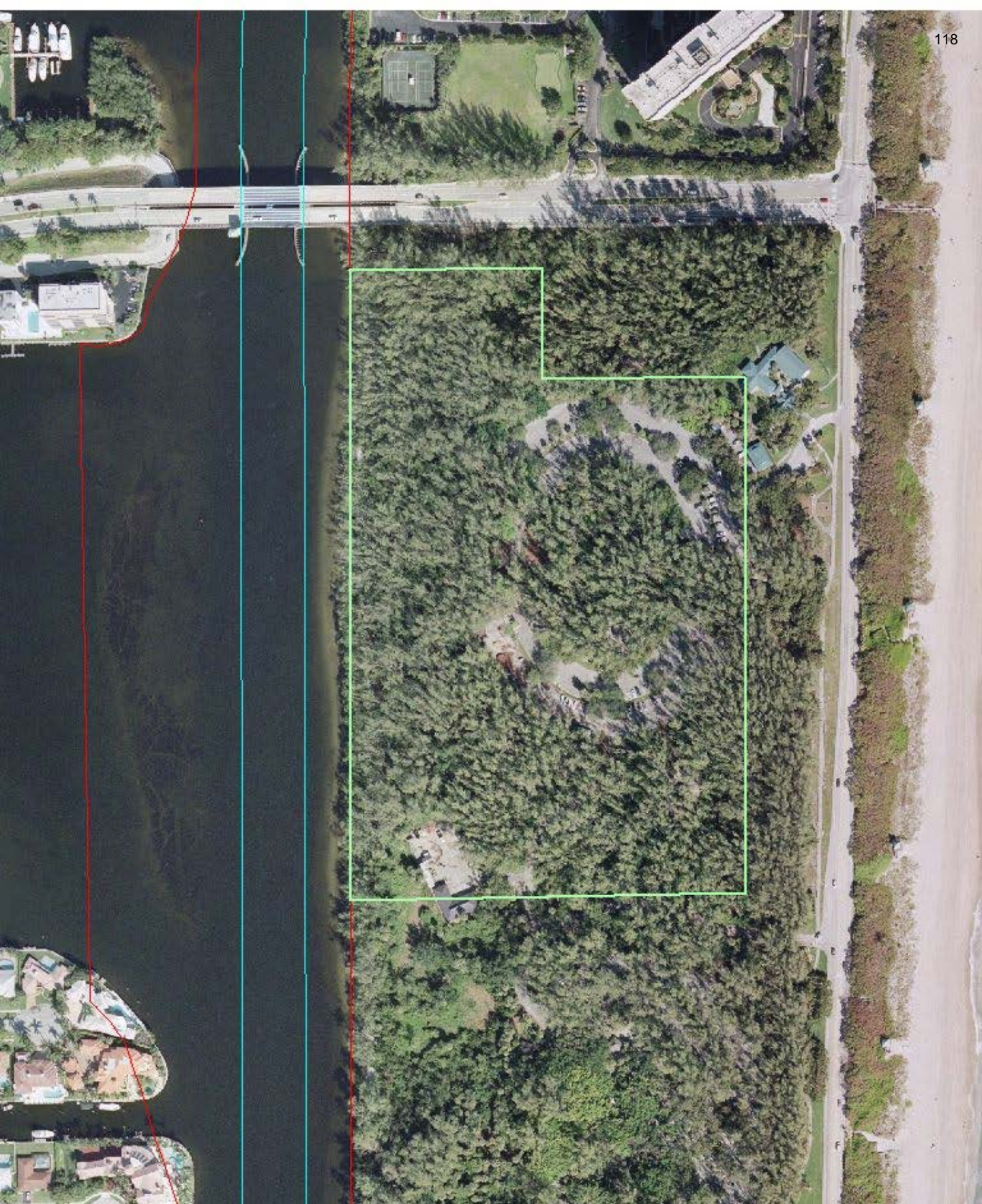


- Findas
- FIND Owned
- Channel
- ICW Right-of-Way

MSA 641/641A







-  Findeas
-  FIND Owned
-  Channel
-  ICW Right-of-Way

MSA 684A



MSA 684

Legend

- IWW Channel
- IWW ROW
- MSA 684

5

800

NE 40th Rd

NE 6th Dr

NE 38th St

NE 38th St

NE 7th Dr

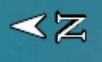
NE 36th St

NE 35th St

Lake Rogers

N Ocean Blvd

A1A





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IWW STATUS UPDATE
FIND Board of Commissioners Meeting
September 8, 2017



WORK ACTIVITIES IN FY 17:

1. IWW: Sawpit (Nassau County)
2. IWW: Volusia (Volusia County)
3. DMMA O-7 (Martin County)
4. DMMA O-23 (Martin County)
5. OWW/IWW: Crossroads (Martin County)
6. IWW: Broward Reach 1 (Broward County)
7. IWW: Bakers Haulover (Miami Dade County)



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IWW STATUS UPDATE
FIND Board of Commissioners Meeting
September 8, 2017



AIWW = Atlantic Intracoastal Waterway Norfolk to St. Johns

IWW = Intracoastal Waterway Jacksonville to Miami (12' and 10' projects)

DMMA = Dredge Material Management Area

1. WORK ACTIVITY: IWW Sawpit (Nassau County)

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: Plans and specification will kick off in FY 2018 to posture for receipt of funding for the next o&m dredging event.

From last event: The AIWW Sawpit Reach 3 project consists of maintenance dredging of approximately 591,000 cubic yards (cy) of material from the AIWW channel and settling basins in Cuts 24-26A, 27, 27A, 27C; and adjoining advance maintenance areas in the waters of Sawpit Creek, the Amelia River, and Nassau Sound. The majority of the excavated material, 578,000 CY, will be placed in the Amelia Island State Park beach disposal site. The pumping distance between dredging areas and beach placement ranges from 4.0 miles to 1.5 miles. The material from Cut-27, totaling 13,000 CY is not beach compatible and will be placed upland in DMMA DU-2. DMMA DU-2 lies adjacent to Cut-26A and Cut-27.

SCHEDULE: TBD

FIND WORK ORDER: TBD

NAME OF CONTRACTOR: N/A

STATUS: Surveys will be requested Fall 2017.



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IWW STATUS UPDATE
FIND Board of Commissioners Meeting
September 8, 2017



2. WORK ACTIVITY: IWW Volusia County

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: The Corps received supplemental Federal funding to complete dredging of the IWW in Volusia County. IWW Volusia will be combined with Ponce Inlet dredging for one contract action.

Project consists of dredging approximately 400k cubic yards from the Federal channel with placement within a nearshore disposal area. No beach placement with this contract as easements are not available.

SCHEDULE:

- | | |
|-------------------------------------|-------------------|
| • Complete plans and specifications | 27 September 2017 |
| • Start Synopsis | 7 September 2017 |
| • Advertise Contract | 13 November 2017 |
| • Award Contract | 3 January 2018 |

FIND WORK ORDER: none at this time

NAME OF CONTRACTOR: TBD

STATUS: Hydrographic surveys have been completed and identified 400k cubic yards within the IWW. FDEP permit is being modified for BOTH the IWW and Ponce Inlet to revise the placement area (will both be the same). SAJ is moving forward in obtaining additional geotechnical information with the help of ERDC for the permit mods. FDEP recommended NOT submitting the permit application without the updated geotech. Anticipate submitting the permit modification package by mid September 2017. This will cause the schedule to slip by approximately 2-3 weeks.

Engineering is currently working on plans and specifications. Several utility crossings have been identified within the IWW and Engineering is working with local utilities and municipalities to verify.



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**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
September 8, 2017**



3. WORK ACTIVITY: DMMA O-7 (Martin County)

CONTRACT AMOUNT: \$4,357,044

DESCRIPTION OF WORK: Construction of DMMA O-7.

SCHEDULE:

- Contract Award: 22 Nov 2016
- Required Construction Complete 14 July 2018

FIND WORK ORDER: Funding for completion of P&S was funded with 100% Federal funding and construction is funded by FIND. A work order for construction funds was presented and approved at the March 2016 FIND Board meeting.

NAME OF CONTRACTOR: Cody Construction

STATUS: The contract for construction of DMMA O-7 was awarded on 22 November 2016 for \$4,357,044 with a required construction completion date of 14 July 2018.

Construction is progressing and we are still targeting a completion date in July 2018. Several modifications are underway to include filling the furrows within the site as well as a change to the stone within the drainage ditch.



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**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
September 8, 2017**



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

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: Development of Plans and Specifications for the construction of DMMA O-23 which is located in Martin County, Florida.

SCHEDULE (Tentative):

- | | |
|---------------------------------|-------------|
| • Initiate P&S | 14 Nov 2017 |
| • Complete NEPA | 29 Nov 2017 |
| • Complete P&S with all reviews | 22 May 2018 |
| • Advertise Contract | 6 June 2018 |
| • Receive Bids | 5 July 2018 |
| • Contract Award: | 2 Aug 2018 |

FIND WORK ORDER: P&S will be funded 100% with Federal funding. Construction of DMMA O-23 will be with FIND Contributed Funds.

NAME OF CONTRACTOR: TBD

STATUS: O-23 will utilize the same weir system as O-7. There is a federally listed plant, reindeer lichen, which grows in scrub areas which is present on the site. A site visit between Corps, FIND and resource agencies occurred on 8 June 2017 to discuss the plant species and the path forward. It was determined that the plant could be relocated as planned. Survey field work complete. Anticipate a work order being presented in April 2018 at the FIND Board meeting for construction funding.



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**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
September 8, 2017**



5. WORK ACTIVITY: IWW Crossroads (Martin County)

CONTRACT AMOUNT: N/A

DESCRIPTION OF WORK: Staff has identified a small problematic shoal within Crossroads.

FIND WORK ORDER: N/A

NAME OF CONTRACTOR: Corps Dredge – Currituck/Murden

STATUS: The Corps received over \$1.2M in supplemental funding because of Hurricane Matthew for the Crossroads area of the IWW (intersection of IWW/OWW/St. Lucie Inlet). The Currituck started dredging on 1 March and completed on 22 March with a total of 34,000 CY removed.

FIND is interested in the Currituck also dredging the wideners in the area (approx. 9,100 CY) that was identified by Taylor Engineering as a means to stretch out the dredging interval (from 2-3 years out to 5 years). Both a FDEP permit and Department of Army Permit have been completed however Taylor is proceeding with a permit mod which would allow the widener material to be placed within the existing settling basin in St. Lucie Inlet or Borrow Area B. The current path forward is to bring the Currituck back early 2018 (a delay from late fall 2017) and re-dredge the Crossroads reach AND dredge the widener. The mfr to Division requesting that the widener be included within our normal O&M of this area was completed and sent to Division for their review. PM received several comments and is the process of revising the memo to provide additional clarification.



**US Army Corps
of Engineers**®
Jacksonville District

IWW STATUS UPDATE
FIND Board of Commissioners Meeting
September 8, 2017



6. WORK ACTIVITY: IWW Broward Reach 1 (Broward County)

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: There is approximately 50k cy of material located within the federal channel down to 10' and 80k cy down to 10'+2'. Even at 80k cy, given the small quantity, the most cost effective way to pursue the dredging would be utilization of a Corps of Engineers dredge, either the Currituck or Murden, and dispose of in the nearshore.

SCHEDULE:

- | | |
|---|---------------|
| • Complete Environmental Assessment (incl public reviews) | 23 March 2018 |
| • Obtain Water Quality Certification | 23 Feb 2018 |
| • Obtain updated Survey | 20 April 2018 |
| • Provide Dredge Orders to SAW | 4 May 2018 |
| • SAW Dredge | Summer 2018 |

FIND WORK ORDER: Current path forward is to proceed with dredging with a Corps hopper dredge unless it is determined that the quantity is large enough to justify a standard procurement. Anticipate a work order being presented to the FIND Board if Federal funding is not received in the FY 2018 budget/workplan.

NAME OF CONTRACTOR: TBD

STATUS: Based on preliminary discussions with the Hillsboro Inlet Chairman, Mr. Jack Holland, it has been suggested that we consider an alternative that requires us dredging material from the IWW and placing in within the existing Hillsboro Inlet Settling Basin. The Environmental Assessment (EA) that is being prepared will evaluate an array of placement options: beach north and south of the inlet, nearshore, and within the settling basin. The EA will also state that any placement option that is pursued that is more costly than nearshore or into the settling basin would require a secondary funding source.

Planning staff visited the dredge area on 17 August 2017. Based on the core borings and the color of the beach, direct placement onto the beach is not a viable option. The material is suitable for nearshore placement and also placement into the settling basin. The material will mix with the settling basin material and be suitable for placement on the beach by the Inlet District...it just cannot go straight to the beach.



**US Army Corps
of Engineers** ®
Jacksonville District

IWW STATUS UPDATE
FIND Board of Commissioners Meeting
September 8, 2017



7. WORK ACTIVITY: IWW Bakers Haulover (Miami Dade County)

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: Bakers Haulover continues to be one of the highest frequency dredging needs within the IWW.

SCHEDULE:

- | | |
|---------------------|---------------|
| • Complete Synopsis | 12 July 2017A |
| • Advertise | 21 July 2017A |
| • Bid Opening | 24 Aug 2017A |
| • Award Contract | 29 Sept 2017 |
| • Issue NTP | 29 Oct 2017 |

FIND WORK ORDER: N/A

NAME OF CONTRACTOR: TBD

STATUS: The Corps utilized \$300,000 in Hurricane Matthew Supplemental funding to remove an 8,100 CY shoal at Bakers Haulover in March 2017 using the Currituck. Disposal was in the extreme nearshore area at Bal Harbor Beach.

4 bids were received for the O&M dredging of Bakers Haulover. The contract will be awarded NLT 29 September 2017. PM has contacted the field to begin planning of the pre construction conference.



Florida Inland Navigation District

Update of The Economic
Analysis of the District
Waterways, Palm Beach County

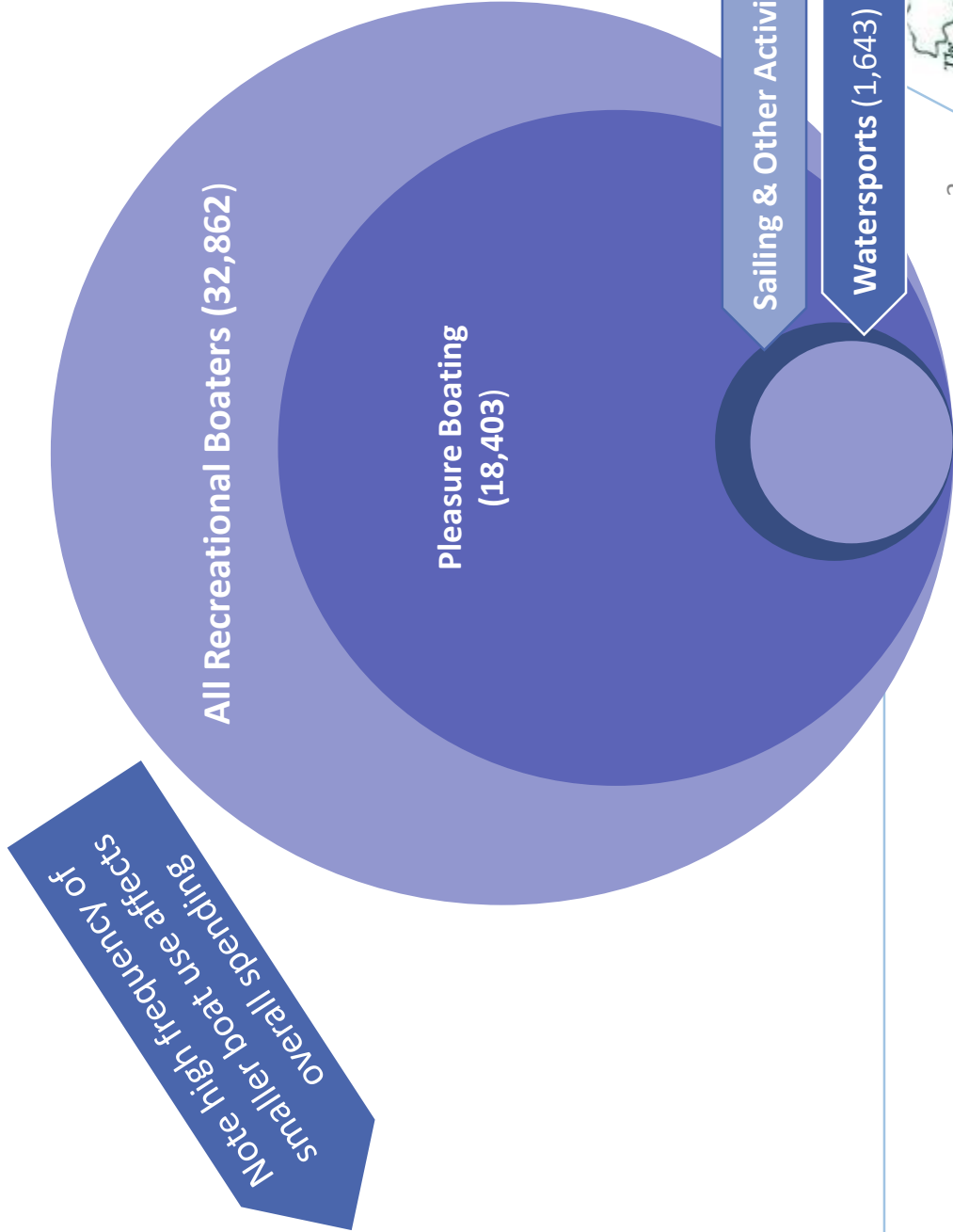


Overview

Impact Type	Total Annual Spending	Indirect	Induced	Impact
	(in \$ Millions)			
Local Recreational Boaters	\$483	\$104	\$94	\$681
Registered Boaters Non-FL	\$15	\$3	\$3	\$21
In-State Visitors	\$26	\$6	\$6	\$37
Out-of-State Visitors	\$150	\$33	\$34	\$217
Specialized Sectors	\$56	\$6	\$7	\$68
Total Annual Impacts	\$729	\$151	\$144	\$1,024
Property Value Impacts (Non-annual)				\$2,678
Estimated Economic Impacts including Property Amenity Values				\$3,702

Note Total Annual Spending includes Direct effects that may benefit other counties

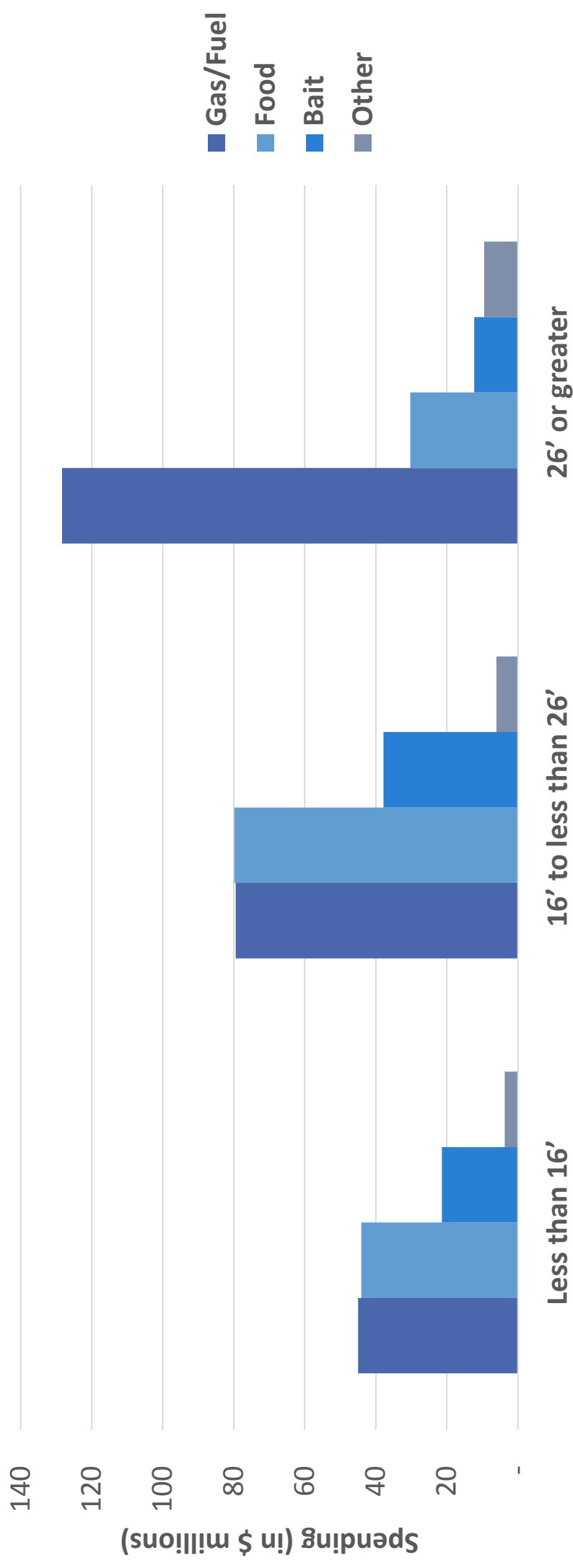
Local Recreational Boaters



Length Category	Average Days on District Waterways
Less than 12'	49.2
12' to less than 16'	22.1
16' to less than 26'	35.0
26' to less than 40'	42.6
40' or more	35.0
Total	37.0

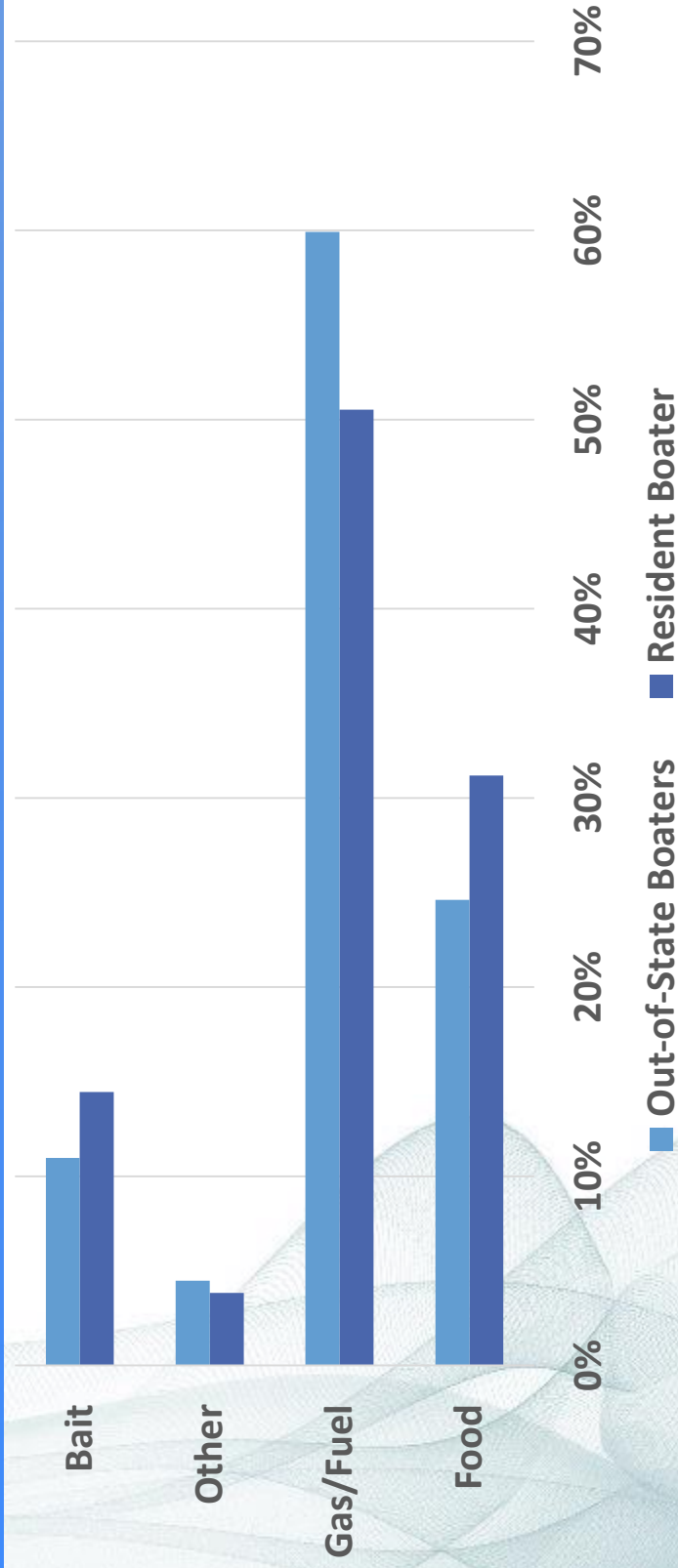
Local Recreational Boaters

Total Spending by Boat Size



Local vs. Non-Florida Boaters

Boaters registered in Palm Beach but residing out-of-state; different spending patterns



Total
Estimated
Benefits
from
boaters:
\$701 Million

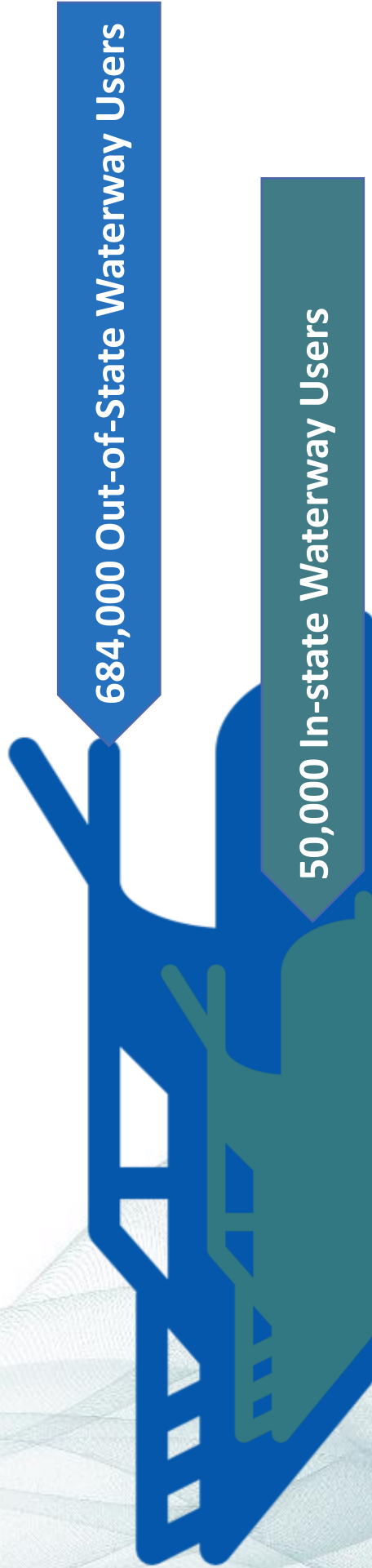
Tourists: Floridians and Out-of-State

Out-of-State Tourists

5.7m visitors, 12% Waterway users

In-state Tourists

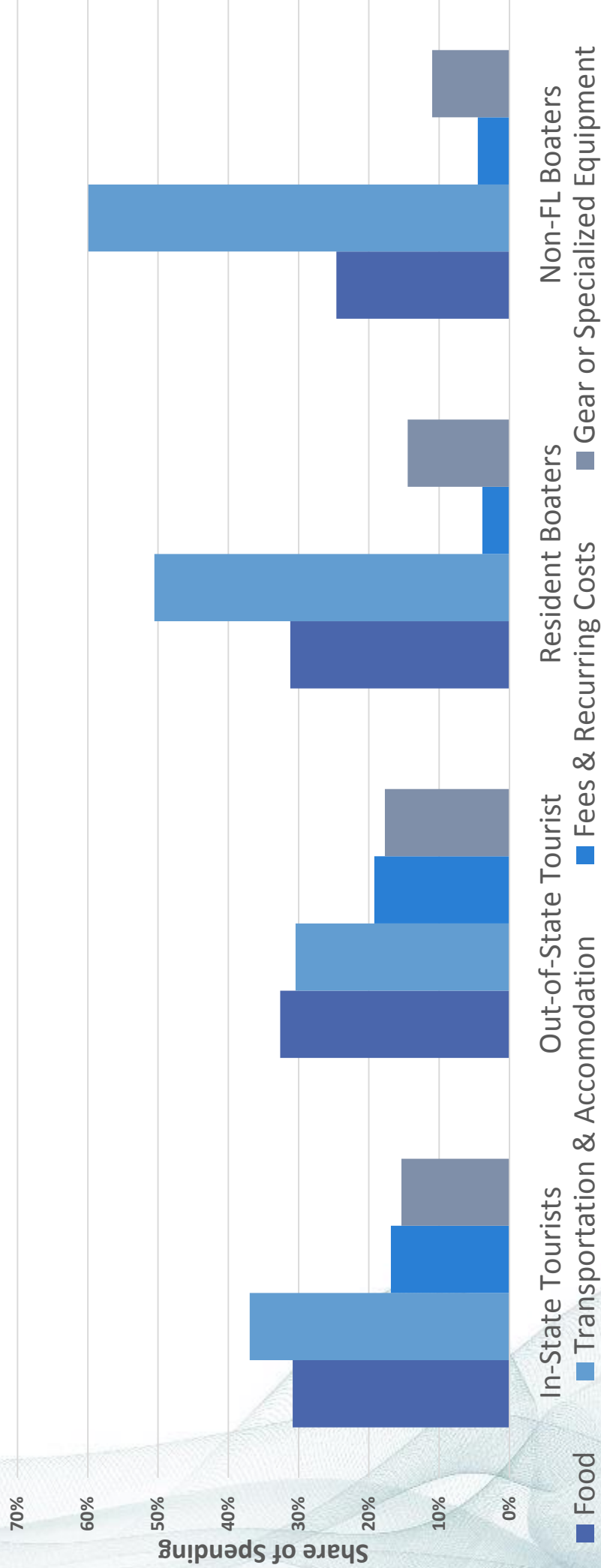
1m visitors, 5% Waterway users



Total
Estimated
Benefits
from
tourists:
\$254 Million

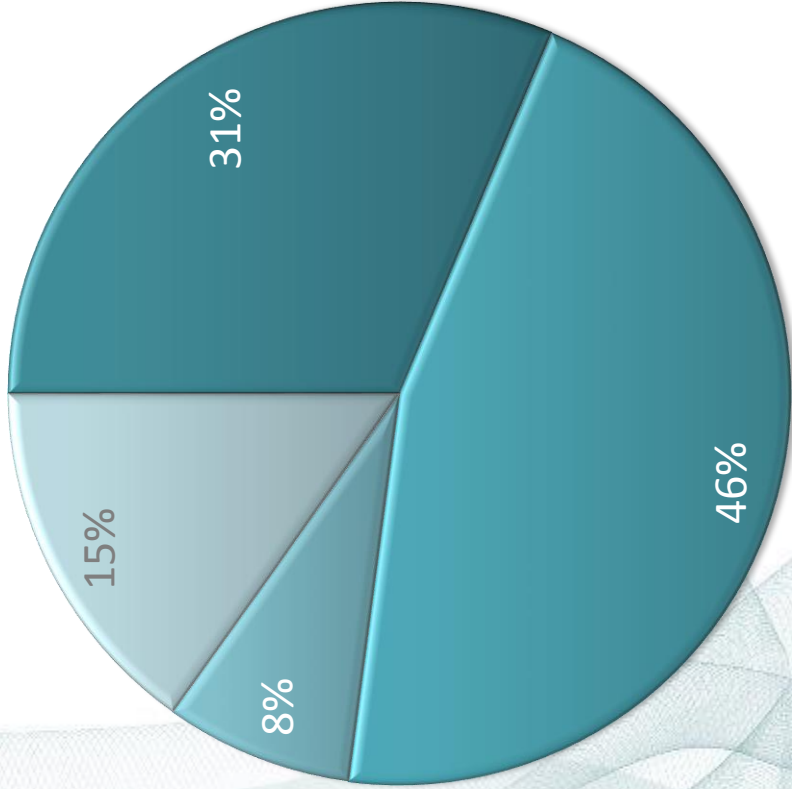
Spending by Group

Recreational Waterway-Related Spending

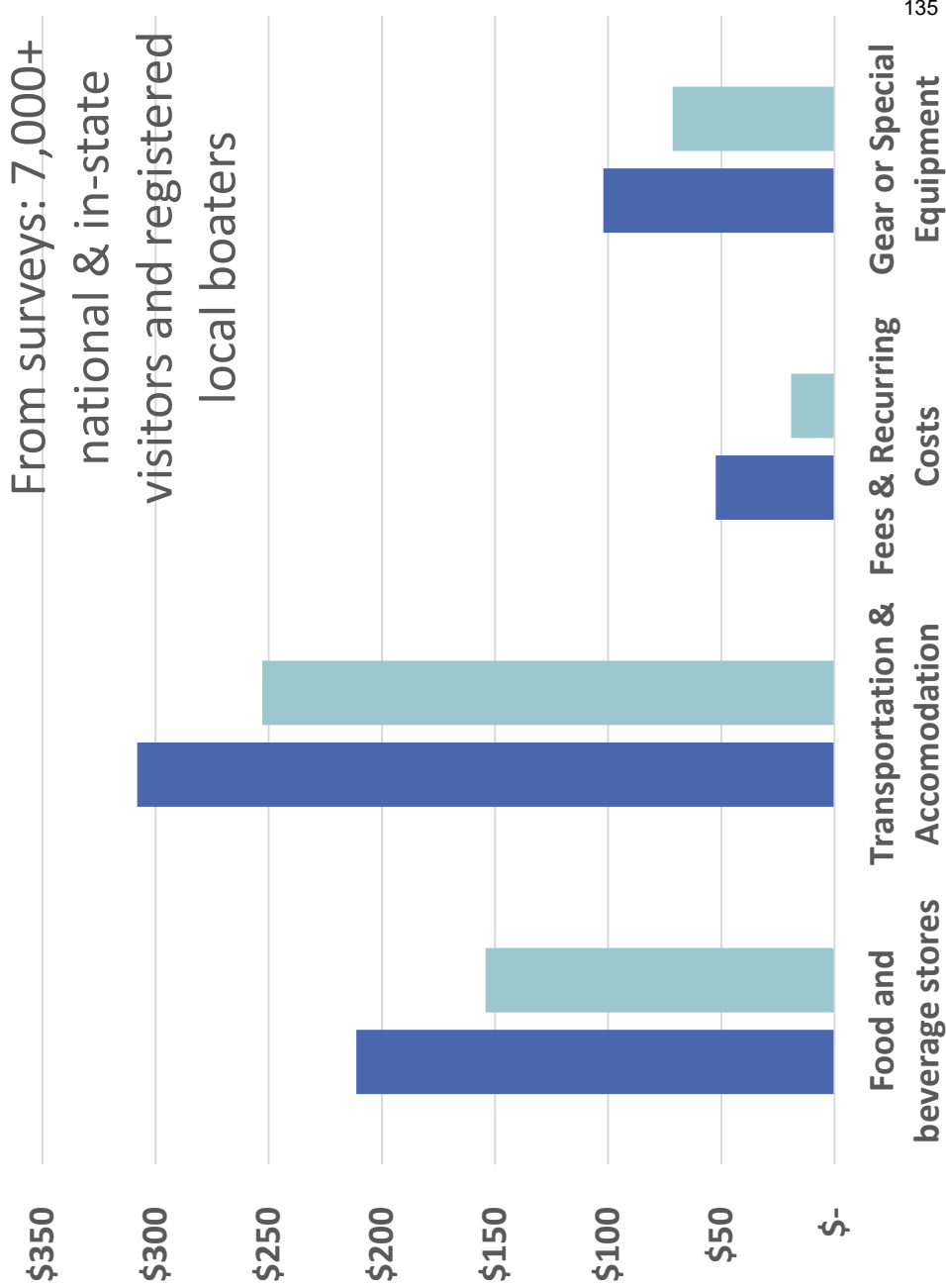


Spending by Boaters & Other Waterway Tourists

Industry Sales



- Food and beverage stores
- Transportation & Accommodation
- Fees & Recurring Costs
- Gear or Special Equipment

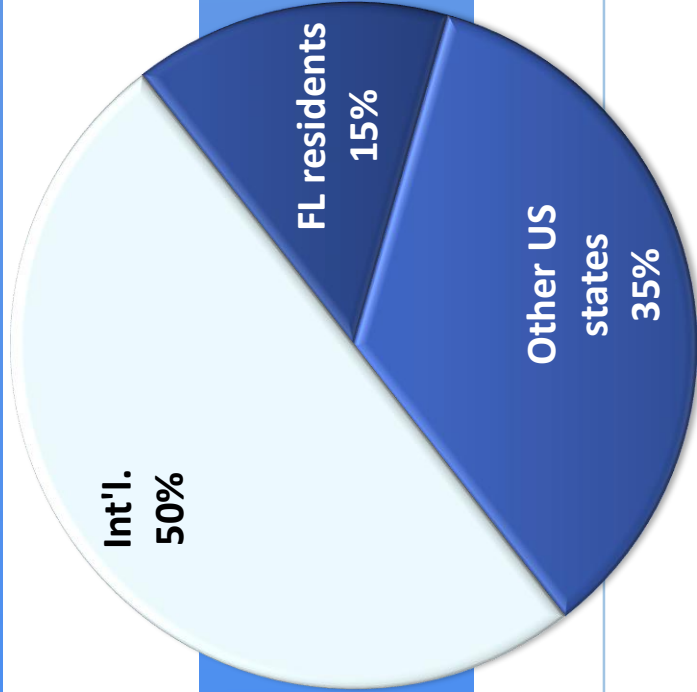


- Tourism Spending
- Boat Spending

Specialty Sectors: Elite Yacht Services, Dredging

- Elite Yacht Services
- Dredging
- Commercial Fish landings

Customer Base

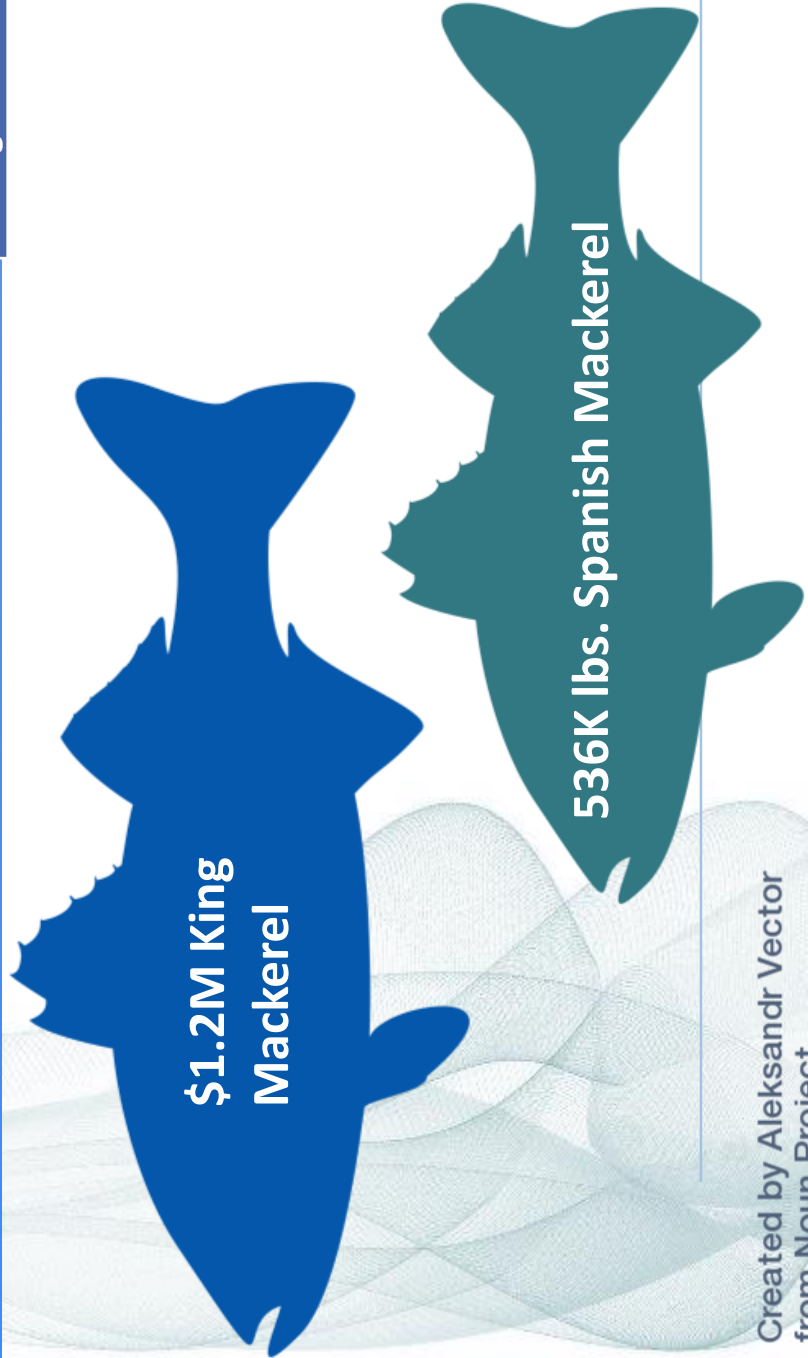


Total Spending	Indirect	Induced	Impact
\$55.5m	\$ 5.5m	\$ 7.2m	\$ 68.3m



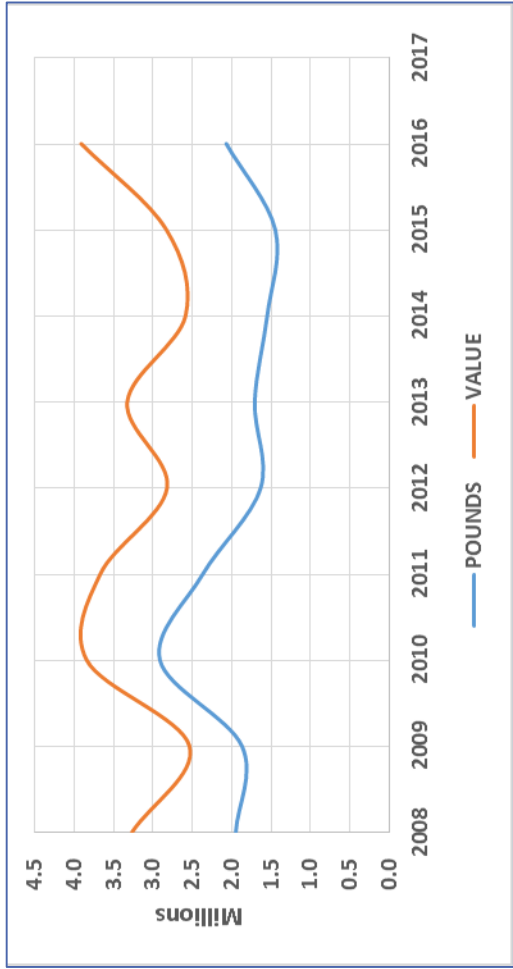
Specialty Sectors: Commercial Fishing

- Commercial Fish landings
- Landings down, value stable



Impacts of Commercial Fishing	Total Spending	Indirect	Induced	Impact
Commercial Fishing	\$3,921,590	\$289	\$20,771	\$3,942,650

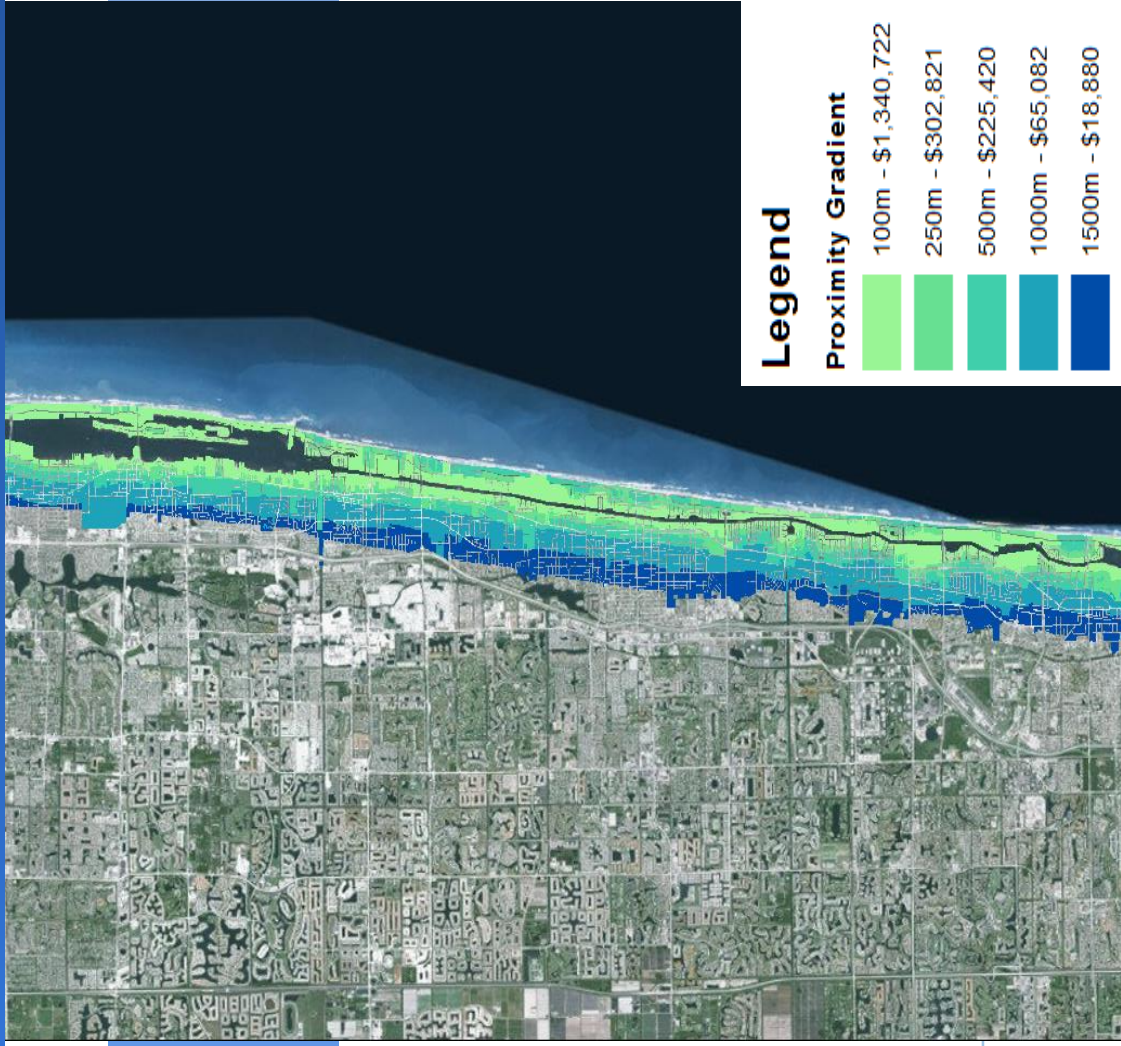
Commercial Fish Landings in Palm Beach County 2008 - 2017



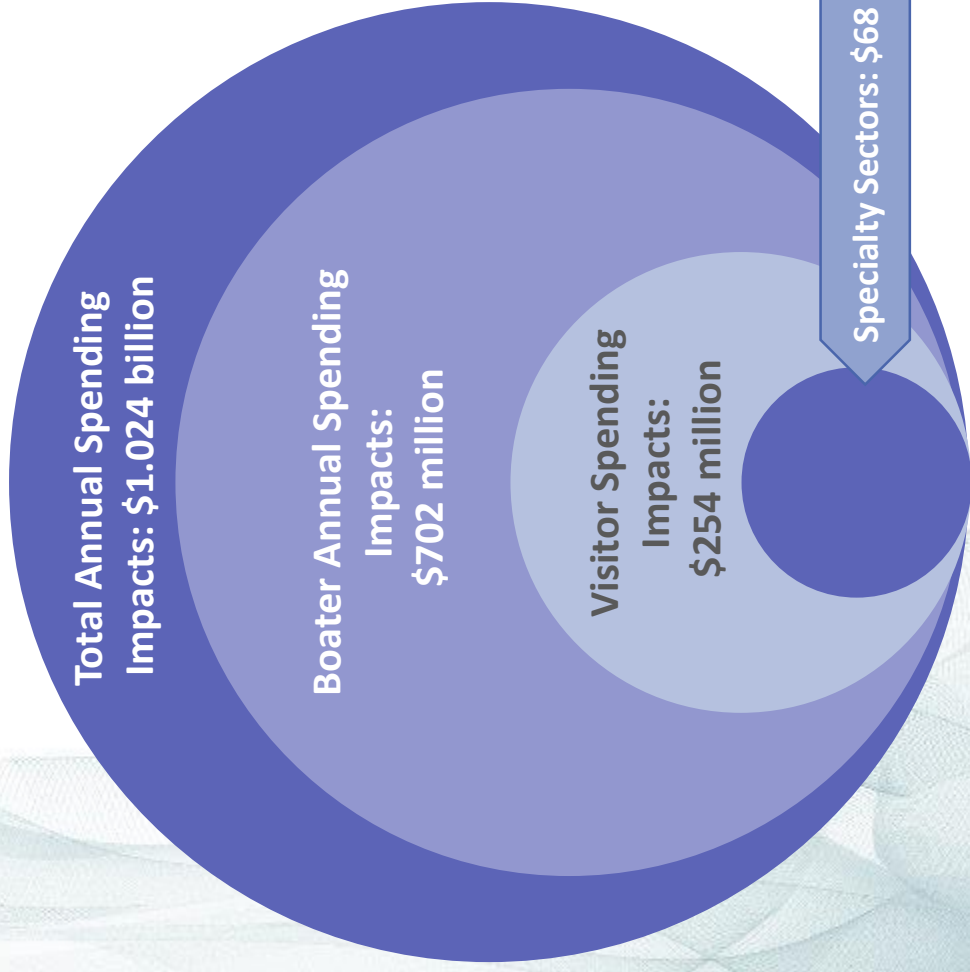
Property Valuation

- Hedonic Model: 57% of property value due to ICW
- \$2.7 Billion in Amenity Value

	Premium % of Sales Price	Total Waterway Amenity Value (in \$M)
Waterfront	57%	\$1,689
250m	29%	\$392
500m	27%	\$339
1000m	17%	\$218
1500m	6%	\$37
Total		\$2,677



Summary



Impact Type	Total Annual Spending	Indirect	Induced	Impact
	(in \$ Millions)			
Total Annual Impacts	\$729	\$151	\$144	\$1,024
Supporting Employment		8,220		
Supporting Vessels		34,333		
Property Value Impacts (Non-annual)				\$2,678
Estimated Economic Impacts including Property Amenity Values				\$3,702

Note Total Annual Spending includes Direct effects of \$180 million that benefit other counties

Thank you!



FLORIDA INLAND NAVIGATION DISTRICT ECONOMIC UPDATE AGREEMENT

This Economic Update Agreement ("Agreement") is made as of this ____ day of _____, 2017, by and between the FLORIDA INLAND NAVIGATION DISTRICT, an independent special taxing district of the State of Florida ("FIND") and THE BALMORAL GROUP, LLC, a Florida limited liability company ("CONTRACTOR").

IN CONSIDERATION of the sum of Ten Dollars (\$10.00), the mutual promises and benefits contained herein, and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged by the parties hereto, FIND and CONTRACTOR, intending to be legally bound, hereby agree as follows:

SECTION 1. Scope of Services.

The CONTRACTOR shall make its best efforts to perform and render (as an independent contractor and not as an agent, representative, or employee of FIND) the services described herein in a professional manner. These services shall be known as "consultant and professional services" and shall include the specific responsibilities relating to an "Economic Analysis Update of the District Waterways." This analysis will include the Atlantic Intracoastal Waterway and the Intracoastal Waterway from the Georgia-Florida state line to the southern boundary of Miami-Dade County, together with that portion of the Okeechobee Waterway located in Martin and Palm Beach Counties (collectively the "Waterways"). The CONTRACTOR shall, to the satisfaction of FIND, fully and timely perform all work items described in the "Scope of Work" attached hereto as Attachment A and made a part of this Agreement. CONTRACTOR shall provide economic analysis services as may be required by FIND, with all requests for services to be performed hereunder to be confirmed in writing using the Work Order form set forth as Attachment A-1 and made a part of this Agreement. The initial Work Order shall be for an economic analysis update for Palm Beach County. FIND, at its sole option, may issue one or more additional Work Orders for one or a combination of counties.

SECTION 2. Compensation.

For satisfactory performance of work referenced in Attachment A, FIND agrees to compensate the CONTRACTOR as follows:

1. Payment for services provided under the initial Work Order shall be made on a lump-sum, fixed price basis in the total amount of Two **hundred and ninety-nine thousand, six hundred and fourteen** Dollars (\$299,614). Payment shall be made on a monthly basis based upon the percentage completion of each task as outlined in the Work Order, upon submission of invoices certifying percentages of completion and requesting payment, and subject to the approval of FIND (pursuant to Section 9).
2. Payment for services provided under subsequent Work Orders and the schedule of completion shall be negotiated and agreed upon by the parties at the time the services are requested. Payment shall be made on a monthly basis based upon the percentage completion of each task as outlined in the Work Order, upon submission of invoices certifying percentages of completion and requesting

payment, and subject to the approval of FIND (pursuant to Section 9).

3. FIND shall not pay for any obligation or expenditure made by CONTRACTOR prior to the execution of the Work Order form by both parties.
4. When FIND requires additional services of the CONTRACTOR other than those listed in Attachment A, FIND shall pay for the additional services at the CONTRACTOR's standard hourly rate as shown in Attachment B unless otherwise agreed by the parties. These hourly rates may be adjusted from time to time by written approval of the parties. All such additional services shall be performed pursuant to an approved Work Order.

SECTION 3. Time of Performance.

The parties agree that time is of the essence in the performance of each and every obligation under this Agreement. The time periods for performance of obligations with respect to each Work Order shall be as set forth in said Work Order. The first Work Order shall be for Palm Beach County as a "pilot project" to fine tune the analyses to be performed by CONTRACTOR, prior to proceeding with analyses for the other District counties. It is anticipated that the other counties will be initiated through Work Orders in such manner that several adjoining counties are analyzed simultaneously under a single Work Order. The initial project, scope of work and all work orders under the Agreement shall be completed no later than four (4) years from the date of this Agreement. Upon the completion of all 12 District counties, it is anticipated that a final Work Order will be issued for an overall summary report.

SECTION 4. Project Managers and Notices.

The CONTRACTOR's project manager is **Valerie Seidel**, telephone **(407) 629-2185 extension 104**.

A. The FIND project manager is the Executive Director or his/her designee, telephone (561) 627-3386. FIND reserves the right to approve changes in project managers upon receipt of a written request; however, this approval will not require a contract amendment. All matters shall be coordinated with or directed to the project managers for proper disposition.

B. Any notice or other written communications between the CONTRACTOR and FIND shall be considered delivered when posted by certified mail or delivered in person to the respective project manager at the addresses indicated below:

The Balmoral Group, LLC
165 Lincoln Avenue
Winter Park, FL 32789

Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477
Attention: Executive Director

SECTION 5. Reports/Documents Required.

- A. Reports

Deliverables will be submitted by the CONTRACTOR to FIND as stipulated in Attachment C.

B. Ownership of Documents.

All reports produced and other data gathered by the CONTRACTOR in performance of this Agreement shall not be marked proprietary and shall become the property of FIND upon payment of the sums provided for in each Work Order and shall be made available by the CONTRACTOR at any time upon request of FIND. CONTRACTOR shall not provide such reports or data to any other person or entity, or use such reports or data in the preparation of reports or studies for any other person or entity, without the prior written consent of FIND. The provisions of this Section 5.B. shall survive termination.

SECTION 6. Subcontracts.

A. The CONTRACTOR shall not subcontract, assign, or transfer any work under this Agreement without the prior written consent of FIND. When applicable, and upon receipt of such consent in writing, the CONTRACTOR shall cause the names of the firms responsible for such portions of the work to appear on such work.

B. The CONTRACTOR agrees to notify FIND of any proposed subcontract(s) no less than ten days prior to the proposed effective date of the subcontract for the purpose of approval by FIND. The CONTRACTOR agrees to provide FIND with an executed copy of all subcontracts within ten days after the execution date of the subcontract.

C. The CONTRACTOR agrees to be responsible for the fulfillment of all work elements included in the subcontracts and agrees to be responsible for the payment of all monies due under any subcontract and hold FIND harmless from any liabilities or damages arising under or from any subcontract hereunder.

D. The CONTRACTOR agrees to include the pertinent portions of SECTIONS 5 and 11 of this Agreement in all subcontracts payable from funds received from FIND pursuant to this Agreement in whole or in part.

SECTION 7. INTENTIONALLY OMITTED

SECTION 8. Responsibilities of FIND.

FIND shall:

- A. Provide guidance, assistance and coordination to the extent necessary and feasible;
- B. Furnish comments, suggestions or approvals as appropriate;
- C. Provide review of each draft report and furnish comments within thirty (30)

days of receipt of draft report.

SECTION 9 Decisions by FIND.

All services shall be performed by the CONTRACTOR to the satisfaction of the FIND Executive Director, who shall decide all questions, ambiguities, conflicts, and disputes of whatever nature which may arise under or by reason of the Agreement, the prosecution and fulfillment of the services hereunder and the character, quality, amount and value thereof. The Executive Director's decision upon all claims, questions and disputes shall be final, conclusive and binding upon the parties hereto, provided such decisions are reasonable and not contrary to the provisions of the Agreement.

SECTION 10. Termination of Agreement.

A. Termination for Convenience

This Agreement may be terminated at any time without cause for the convenience of FIND. FIND shall pay CONTRACTOR all compensation earned up to the date of termination based upon the percentage completion of each task as outlined in the Work Order, upon submission of invoices certifying percentages of completion and requesting payment,

B. Termination for Cause

If the CONTRACTOR shall fail to fulfill in a timely and proper manner its obligations under this Agreement, or if the CONTRACTOR shall violate any of the covenants, agreements, or stipulations of this Agreement, FIND shall thereupon have the right to terminate this Agreement by giving written notice to the CONTRACTOR of such termination and specifying the effective time/date thereof. In that event, all items or materials furnished by FIND and any finished or unfinished reports, notes, or data prepared by the CONTRACTOR shall immediately be delivered to a place designated by FIND, and the CONTRACTOR shall be entitled to receive just and equitable compensation for any satisfactory work or services completed, but in no event to exceed the total final fixed price(s) set forth in Section 2 with respect to any then-outstanding Work Orders.

Notwithstanding the above, the CONTRACTOR shall not be relieved of liability to the damages sustained by FIND by virtue of any breach of the Agreement by the CONTRACTOR and any compensation that may be due CONTRACTOR may be withheld for the purpose of setoff until such time as the exact amount of damage due FIND is determined. If damages sustained by FIND are less than the compensation due CONTRACTOR, the difference shall be paid to CONTRACTOR, otherwise FIND may apply such compensation as a setoff against the damages it has sustained due to CONTRACTOR's breach and CONTRACTOR shall pay the difference to FIND.

Notwithstanding any other provisions of this Agreement to the contrary, this Agreement is contingent upon allocation of funds under a final budget adopted through the TRIM process, s. 200.065, Florida Statutes. FIND shall not initiate any Work Order unless and until the final budget thus adopted provides for such allocation.

SECTION 11. Disclaimer of Liability.

A. The CONTRACTOR hereby agrees to indemnify, defend, save and hold harmless FIND, its Commissioners and employees from all claims, demands, liabilities, costs (including, without limitation, interest, penalties and reasonable attorneys' and legal assistants' fees at the trial, appellate and post-judgment levels) and suits of any nature whatsoever to the extent they arise out of, because of, or due to the negligent or wrongful act or omission by the CONTRACTOR, its agents, or employees.

Upon payment to CONTRACTOR for services performed hereunder, CONTRACTOR agrees to hold FIND harmless with respect to claims by third persons for payment for labor, materials, and equipment used by CONTRACTOR in connection with CONTRACTOR's performance of services pursuant hereunder.

B. Loss or damage due exclusively to the acts or omissions of an employee or employees of one of the parties shall be borne solely by the party whose employee(s) so caused such loss or damage. Loss or damages due to concurring acts or omissions of both parties, or the acts or omissions of a person or persons not a party to this Agreement, but for whose conduct both parties might be found to be concurrently liable, shall be borne by each of the parties as to its own employees and property in the percentages as it shall be legally determined that each contributed to the loss or damage.

C. CONTRACTOR, and any subcontractor engaged pursuant to SECTION 6 of this Agreement, shall carry commercial general liability coverage and automobile liability coverage with minimum limits of \$500,000.00 per person/\$1,000,000.00 in the aggregate, and statutory workers' compensation insurance. FIND shall be named as an Additional Insured on the commercial general and automobile liability policies and CONTRACTOR shall provide Certificates of Insurance upon demand.

SECTION 12. Interest of the CONTRACTOR

The CONTRACTOR covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of services required to be performed under this Agreement. The CONTRACTOR further covenants that in the performance of this Agreement, no person having any such interest shall be employed.

SECTION 13. Agreement as including Entire Agreement; Execution; Signatures.

This Agreement contains the entire agreement of the parties. There are no provisions, terms, conditions or obligations other than those contained herein; and this Agreement shall supersede all previous communication, representation or agreements, either verbal or written between the parties hereto. This Agreement shall not be modified unless in writing and signed by both parties hereto. This Agreement may be executed in counterparts each of which shall be considered as an original, with a facsimile and/or e-mail signature serving as an original thereof

and the parties may rely upon the signatures hereto whether in original, facsimile or e-mail copy.

SECTION 14. Litigation.

This Agreement shall be interpreted and construed pursuant to the laws of the State of Florida. In the event of any litigation arising hereunder, the prevailing party shall be entitled to reasonable costs including attorney's fees, at the trial, appellate and post-judgment levels. The venue of any such litigation shall be had only in the state or federal courts of Palm Beach County, Florida.

SECTION 15. Compliance With §287.113, F.S.

CONTRACTOR shall, simultaneously with the execution of this Agreement if it has not already done so, execute a public entity crime statement required by Section 287.133, F.S.

IN WITNESS WHEREOF, the parties have executed this Agreement the day and year first above written.

THE BALMORAL GROUP, LLC

By: _____

Name: _____

Title: _____

FLORIDA INLAND NAVIGATION DISTRICT

By: _____

Name: _____

Title: _____

ATTACHMENT A

FLORIDA INLAND NAVIGATION DISTRICT

ECONOMIC ANALYSIS UPDATE OF THE DISTRICT WATERWAYS

SCOPE OF WORK

A. INTRODUCTION

The Atlantic Intracoastal Waterway and the Intracoastal Waterway from the Georgia-Florida state line to the southern boundary of Miami-Dade County, together with that portion of the Okeechobee Waterway located in Martin and Palm Beach Counties (collectively the "Waterways") within the District allow the existence of, and contribute to, the operation of waterway-dependent and waterway-related businesses. Some of the businesses that are related to the Waterways are obvious; these include such enterprises as charter boat services and marine repair facilities that are located on and are directly dependent on the Waterways. Other business operations that are related to the Waterways are less obvious but readily identifiable. These businesses include tackle shops and marine supply stores which are not located on the Waterways, but directly benefit from the Waterways by selling goods and services to businesses located on the Waterways. The reliance on the Waterways of other business activities are not obvious at all. These are the businesses that supply goods and services to the businesses that supply the firms located on the Waterways. In addition, economic activity is generated by businesses whose operations are not directly related to the Waterways, but are impacted through the sale of household goods and services (such as food, clothing, shelter, gas, etc.) to people who are employed by businesses operating on the Waterways or businesses servicing firms operating on the Waterways. All of these business activities are related to, or linked to, the operation of the Waterways and contribute to the local economy by generating business sales, employment, and personal income within the local economy.

The U.S. Army Corps of Engineers (USACE) has historically played a prominent role in the development and maintenance of the inland waterway system and the Waterways within the District are no exception. Waterway projects have been evaluated by the USACE to determine economic feasibility based on National Economic Development (NED) benefits, which are economic benefits to the Nation, primarily as a result of transportation cost savings. The NED analysis virtually ignores the importance of the Intracoastal Waterway project as an economic development engine for stimulating national and regional economic growth resulting from the development of the project. In other words, NED benefits ignore the importance of the impact of business activity generated by or linked to the Waterways.

Regional Economic Development (RED) benefits are above and beyond the net benefits accruing to the Nation. These can include transfer of income from other regions and secondary benefits that accrue to a region, such as business activity that is linked to the Waterways. These local or regional impacts include: enhanced regional economic development; employment and income from waterway operation and maintenance; the expansion of existing firms in the region; the entry of new firms into the region; induced and indirect impacts from expansion and entry of firms; increased tax revenue; and increases in property value (both residential and commercial) resulting from maintaining and operating the Waterways.

Maintaining navigation on the Waterways within the District will allow waterway-related businesses to continue to contribute to the local economy. This business activity results in additional spending by businesses serving the marine-related businesses within the District that experience the initial business sales, and by persons employed by these firms. In short, maintaining navigation on the Waterways will result in dollars being pumped into the District which will generate both short-term and long-term direct, indirect and induced economic benefits in the area; benefits which include increased business activity (sales), personal income, employment, and property values.

To generate support for waterway maintenance, the District should attempt to educate the public of the local economic benefits that result from the Waterways. Typically, this type of information is developed by using a model that measures the economic activity in a region resulting from an initial increase in business activity (sales). An Input-Output (I/O) Model can be used to estimate regional economic impacts, including primary and secondary local business activity, income, and employment. The model should produce estimates of annual impacts in terms of business activity, personal income, and employment generated by the Waterways project within each industry impacted by the Waterways.

To generate support for the District's mission, the District will require specific economic analyses on an "as needed basis". Typically, this type of information is developed to measure the economic activity generated by a specific District activity.

B. OBJECTIVE

The objective of this study effort is to identify, quantify and update the regional economic development impacts (including business activity, personal income, employment, and property values) generated within all of the District's 12-member counties (beginning with Palm Beach County), that result from maintaining navigation on the Waterways within the District. The reductions or increases to the current economic impact of the Waterways under two Waterway maintenance scenarios will also be quantified.

C. SCOPE

The contractor shall provide all work and materials necessary to estimate the regional economic development benefits accruing within each of the District's 12-member counties (beginning with Palm Beach County) as a result of maintaining navigation on the Waterways. As part of the work effort, the contractor will review existing studies of the Waterways; estimate the initial (direct) impact to marine-related businesses within the District; acquire and modify an I/O (or other suitable) model capable of simulating the economic activity of each county within the District; estimate the indirect and induced business activity, employment, personal income, and property values attributable to the Waterways; and estimate the impacts to the local economy of two Waterways maintenance scenarios. The findings of the analysis are to be documented in a draft and final report, an easy to read executive summary, and public information brochures.

D. PROJECT TASKS

Tasks 2 through 5 will be conducted similarly, but separately, for each county analyzed, beginning with Palm Beach County. The District will review and approve the Palm Beach County Report before proceeding with other counties.

1. Literature review:

The contractor shall conduct a literature review of available analysis of the economic impact of marine-related businesses on local economies in Florida.

2. Interview/survey commercial and recreational marine-related businesses and quantify their direct economic impact:

This task consists of attempting to interview/survey all marine-related businesses and recreational Waterway users within the District to determine the impact of the Waterways on their operations, interviewing recreational boaters and fishermen to determine the current recreational spending patterns attributable to the Waterways, and estimating the direct economic impact of the Waterways. The contractor will estimate the direct economic impact of the Waterways using the acquired samples of business and recreational boater interviews and available data, including, but not limited to, tax revenue data and County Business pattern data.

3. Estimate the current total economic impact of the Waterways in terms of business sales, income, and employment:

This task consists of acquiring and modifying an economic input/output model, to be approved by FIND, to simulate the local economy and estimating the total economic impact of the Waterways, using the direct impacts developed in Task 2 to estimate indirect and induced economic impacts. Total business sales, employment, earnings, and tax revenue attributable to the Waterways will be estimated for each county. The expenditures for dredging will be considered. The multipliers used to estimate economic impacts will be explained.

4. Identify and quantify the value of property within the District:

The purpose of this task is to estimate the value of property within the District and to estimate the influence of the Waterways on those values. The contractor shall collect, combine, store, analyze, and make summary reports of property value data, including both land and structure value, with consistent parameters of use, location, and proximity to specific Waterways. Data from the county property appraiser will be used. In general, an inventory of property values adjacent to, near to, and away from the Waterways will be used to establish the value of real property within the District and to determine the influence of the Waterways on those values. These properties will include residential and commercial properties. The contractor will determine if the Waterways influence the construction of more luxurious homes, determine the impact on property values of different Waterway maintenance scenarios, including 10-foot deep waterways and restricted waterways, and determine the value of marinas, including boat slips. The analysis should consider the impact of ocean inlets.

5. Quantify Changes in the Economy and Property Values Under Two Future Waterways Maintenance Scenarios:

The purpose of this task is to quantify the impacts to business sales, personal income, employment, and property values under two alternative Waterway maintenance scenarios:

- (a) A cessation of maintenance (at which point drafts on the Waterways will be limited to three feet), and
- (b) A higher state of maintenance (which would result from the full implementation of the District's Dredge Material Management Plan for the Intracoastal Waterway).

The contractor will estimate the initial change in business activity of marine-related firms due to changes in vessel draft restrictions and will estimate the total change in business activity (sales), employment, and personal income under the two Waterway maintenance scenarios. The contractor will estimate the change in land values resulting from changes in vessel draft restrictions as a result of the two Waterway maintenance scenarios. To determine the impact to commercial/industrial land values due to draft limitations, in addition to using the above mentioned methodology, changes in land values could be based on the expected decrease in business due to the draft restrictions.

ATTACHMENT A-1**ECONOMIC ANALYSIS WORK ORDER NO. 2**

In accordance with the Agreement No. _____ dated _____, 20____, the Florida Inland Navigation District hereby directs services to be performed under the Agreement as follows:

CONTRACTOR: The Balmoral Group, LLC

DESCRIPTION OF WORK TO BE PERFORMED:

Economic Analysis Update for Miami-Dade, Brevard, and Flagler County, including survey, economic impact and property valuation analysis. The analysis will include a one-time national survey that will cover all 12 counties of FIND. In addition, the study will include analysis of CoreLogic Case-Schiller Housing Index scalars to generate efficiencies for property valuation for later counties.

START DATE: 10/1/17

SCHEDULED COMPLETION DATE: 3/31/18

FIXED-PRICE WORK ORDER AMOUNT: \$ 299,614

APPROVALS:

District Project Manager

Date: _____

The Balmoral Group, LLC Project Manager

Date: _____

ATTACHMENT B

FLORIDA INLAND NAVIGATION DISTRICT ECONOMIC ANALYSIS UPDATE OF THE DISTRICT WATERWAYS STANDARD HOURLY RATES

Position Category	Loaded- Rate Standard Hourly Rate
Principal	\$190.39
Consulting Economist	\$108.16
Sr. Economist	\$112.93
Data Scientist	\$93.46
GIS Specialist	\$76.50
Analyst	\$59.98
Graphic Artist	\$60.77

This is to certify that the standard hourly rates are inclusive of normal travel and other expenses. Should out-of-pocket travel costs exceed annual averages, The Balmoral Group will request reimbursement of costs prior to incurring excessive costs.

The Balmoral Group does not charge a mark-up on subconsultant expenses.

This is to certify that the above salary information is accurate as of 11/18/2016

Valerie Seidel, President
The Balmoral Group

8/28/2017
Date


Signature

ATTACHMENT C

FLORIDA INLAND NAVIGATION DISTRICT ECONOMIC ANALYSIS UPDATE OF THE DISTRICT WATERWAYS PROJECT DELIVERABLES

Upon completion of the analysis of each County as well as at the end of the overall project, the following deliverables will be produced and submitted to the District:

1. Draft Report:

The findings of the entire analysis will be documented in a draft report to be presented to the District. The report will include a detailed description of the methodology used and a discussion of the findings of each task completed during the analysis.

2. Final Report.

Comments received from the District on the draft report will be addressed and incorporated into a final report detailing the findings of the analysis. Two (2) copies (one hard copy, one electronic copy) of each summary will be submitted to the District.

3. Final Report Presentation:

The findings of the analysis will be presented to the District in a formal presentation.

4. Executive Summary Report:

An Executive Summary of the analysis (six to eight pages in length) will be produced describing the procedures and findings of the analysis in laymen's terms. The Executive Summary will include a one to two-page description of the methodology used in the analysis, a color cover, and color charts and graphs that can be copied in black and white. Two (2) copies (one hard copy, one electronic copy) of the summary will be submitted to the District.

5. Public Information Release:

Thirteen (13) 1-page, double-sided information summary sheets and thirteen (13) tri-fold brochures shall be created for distribution to the public. The summaries shall include one for each of the District's twelve (12) counties, plus one District-wide executive summary. Two (2) copies (one hard copy, one electronic copy) of each summary will be submitted to the District.

6. Additional Economic Analysis (As Needed):

A process for providing additional economic analysis of specific projects in the regions which they serve will be developed. The intended goals are to engage and inform the public on the benefits of specific projects, as available.

Mark Crosley

From: Jerry Scarborough <jscarborough@taylorengineering.com>
Sent: Thursday, August 03, 2017 9:06 AM
To: Mark Crosley
Cc: Chris Ellis; Jon Armbruster
Subject: BV-4B Mitigation Credit Reservation Letter

Follow Up Flag: Follow up
Flag Status: Flagged

Mark,

Per Chris Ellis, we are now down to the final outstanding item in order to secure the FDEP permit for BV-4B. FIND will need to secure a reservation letter from the approved banks (Farmton and CGW) to provide the FDEP reasonable assurance, allowing it to move forward with the permit. Apparently the mitigation bank will prepare the letter. FIND just needs to coordinate with the bank representative to reserve the credits and secure the letter. Please ensure the following information is referenced on the letter: FIND BV-4B (05-344990-001) .

The table below lists the required credits. FIND should reserve joint credits that will cover both state and federal requirements.

Mitigation Bank	Credit Type	No. of Credits
Farmton	Herbaceous	1.54
Farmton	Forested	2.51
CGW	Saltwater	0.1

Contact for both Farmton and CGW Mitigation Banks:

Alexis McKinnon Preisser
 Mitigation Marketing, LLC
 Phone: 407-481-0677
 Cell: 407-718-1780
 Fax: 407-648-3866
www.mitigationmarketing.com
Providing Mitigation Solutions Throughout Florida

Chris talked to the FDEP yesterday and they are ready to issue as soon as FIND secures the reservation letter.

The USACE credit requirements will be very similar to the state requirements. Chris should have the USACE credit requirements resolved in a couple of weeks.

Please let us know if you have questions.

Thanks.

Jerry

Jerry Scarborough, P.E.

Senior Advisor

an independent taxing district of the State of Florida

MITIGATION CREDIT RESERVATION AND PURCHASE AGREEMENT

THIS MITIGATION CREDIT PURCHASE AGREEMENT (hereinafter "Agreement") is made by and between Miami Corporation, a Delaware corporation (hereinafter "Seller"), and Florida Inland Navigation District (hereinafter "Buyer") (hereinafter collectively the "Parties").

WITNESSETH:

WHEREAS, Seller owns a mitigation bank with available mitigation credits (hereinafter "Credits") available for transfer and sale under St. Johns River Water Management District Permit No. 4-127-76185-5 and U.S. Army Corps of Engineers Permit No. MBI/1998-01836(IP-ME);

WHEREAS, as part of the environmental permitting process involving the St. Johns River Water Management District (hereinafter "SJRWMD") and the U.S. Army Corps of Engineers (hereinafter "USACE"), it is anticipated that Buyer's permits from the aforementioned respective governmental agencies will be conditioned upon purchase of Credits as compensatory mitigation;

WHEREAS, Seller agrees to sell and Buyer agrees to purchase Credits available from the Mitigation ~~Property~~ *Bank* on the terms and conditions below to be used to offset wetland impacts associated with the project known as Dredged Material Management Area BV-4B (hereinafter "Project"); FDEP Application No. 05-344990-001; USACE Permit SAJ-2016-01811;

WHEREAS, the number of Credits to be purchased by Buyer has been determined by Buyer after consultation with its advisors to be 2.51 Dual Forested Credits and 1.54 Dual Herbaceous Credits; *and*

WHEREAS, Seller requires as part of this Agreement for Buyer to remit this Agreement and funds to Seller, in order to allow Seller to submit minor permit modifications (hereinafter "Minor Permit Modifications") for a debit of Credits from the SJRWMD so that the aforesaid respective Credits can be transferred to the Buyer.

NOW, THEREFORE, in consideration of the premises and of the mutual covenants hereinafter contained, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties hereto, each intending to be legally bound, do hereby warrant and agree as follows:

1. Terms of Purchase. The purchase price (hereinafter "Purchase Price") of the Credits is \$587,250.00 based on a per credit price of \$145,000.00 payable in cash, wired federal funds, cashier's check or check drawn on a U.S. banking institution. Seller agrees to reserve and sell to the Buyer the aforementioned Credits under this Agreement as may be required by the SJRWMD and USACE. A 10% deposit, in the amount of \$58,725.00,

(the "Deposit")

*and mailed or delivered to
Mitigation Marketing, LLC
P.O. Box 540205
Orlando, FL 32854.*

*The Deposit shall
be made payable to*

shall accompany submittal of this Agreement. All payments shall be paid to the account of Miami Corporation at 410 North Michigan Avenue, Suite 590, Chicago, Illinois 60611.

2. Reservation Period. This reservation shall commence upon the signing of this Agreement and the credit reservation shall expire the ~~earlier~~ *Effective Date, as defined below,* of 90 days after the ~~effective date~~ *later* or upon permit issuance. Payments shall be paid to the account of Miami Corporation at 410 North Michigan Avenue, Suite 590, Chicago, Illinois 60611 on or before November 18, 2017 *but not to exceed 180 days from the Effective Date.*

3. Adjustment of Credit Reservation. Seller agrees to reduce the number of credits reserved if the regulatory agency requirement is decreased at no penalty to the Buyer. The Seller also agrees to increase the number of credits reserved, if available, at the following pricing; state-only or state and federal credits at one hundred forty-five thousand dollars (\$145,000.00) per credit. Any federal credits (WRAP only) in excess of the state credits will be fifty thousand dollars (\$50,000.00) per credit. The Deposit(s) in either a decreased need or an increased need will be applied to the final purchase price. In the case of a credit reservation adjustment within the reservation period identified above, an addendum to this agreement will be executed by both the Seller and Buyer.

4. Covenants of Seller. Seller covenants and agrees that it shall comply with all conditions and continuing requirements set forth in Seller's permits from the SJRWMD and USACOE for the Mitigation ~~Property~~ *Bank*. Responsibility for compliance with the Seller's permits as to mitigation ~~on the Mitigation Property~~ *for Bank* shall solely be the responsibility of Seller. The provisions of this paragraph 4 shall survive the closing hereunder.

5. Deposit. Unless otherwise described herein or otherwise agreed, the Deposit shall be credited against the Purchase Price paid by Buyer for the Credits. The Deposit shall be deposited into a non-interest bearing account. Said Deposit shall be non-refundable to Buyer except in the case of breach by Seller as set forth in Paragraph 8 below.

6. Conditions of Transfer of Credit. Prior to the transfer of Credits, Buyer shall provide a true and correct copy of the SJRWMD and/or USACOE permit with exhibits and payment of the final balance. Upon receipt of above, Seller shall provide to Buyer within ten (10) days thereafter documentation as required by the SJRWMD and/or USACOE to effectuate the transfer of Credits as per the conditions of the Buyer's permit (i.e., copy of signed minor permit modification request) for the Project. Buyer is hereby notified that the transfer of Credits generally takes approximately thirty (30) days to complete.

7. Debit of Credits and Transfer. Upon notification of the debit of the Credits by the SJRWMD and/or USACOE, the same shall be transferred to Buyer together with documents evidencing such transfer of Credits. The Parties hereby agree that evidence of the Credits being transferred shall be the receipt by Seller from the SJRWMD and/or

USACOE of the Minor Permit Modification to its Environmental Resources Permit (hereinafter "ERP") and ledger evidencing the debit of credits. Once ~~either~~ ^{both} transfer has ~~been~~ ^{have} completed, the transfer shall be deemed to be completed.

8. ~~Breach of Seller. If, for some reason, the Credits have not been conveyed to Buyer due to a breach of the Agreement by Seller, then Seller shall refund all monies received from Buyer upon written notice of said breach. Notwithstanding the foregoing, Seller shall have twenty (20) days to remedy said breach; and, if not cured, shall refund deposit to Buyer.~~

9. Successors and Assigns. This Agreement shall inure to the benefit of and be binding upon the successors and assigns of the Parties hereto.

10. Applicable Law. This Agreement shall be construed and enforced in accordance with the laws of the State of Florida. ^{venue:}

11. Notices. All notices required by this Agreement shall be in writing and shall be sent by certified or registered mail or hand delivered to the addresses set out below. Notices shall be deemed delivered and given ~~when mailed, if mailed, or~~ when delivered by hand, upon receipt. *Venue for any action to enforce the terms of this Agreement shall be in Palm Beach County, Florida.*

Notices to Seller: Miami Corporation
Attn: David C. Fuechtman
410 N. Michigan Avenue, Room 590
Chicago, IL 60611
(312) 644-6720
dfuechtman@miami-corp.com

Notices to Buyer: Florida Inland Navigation District
Attn: Mark Crosley
1314 Marcinski Road
Jupiter, FL 33477
(561)627-3386
mcrosley@aicw.org

Notice to Consultant: Taylor Engineering
Attn: Chris Ellis
10151 Deerwood Park Blvd
Building 300, Suite 300
Jacksonville, FL 32256
(904)731-7040
cellis@taylorengeering.com

8. Breach of Seller. If the Credits have not been transferred to Buyer within the time frames specified herein due to the act or omission of Seller, then Buyer may, without
(continued next page)

writing any other rights or remedies, make a written demand for Seller to remedy the breach within twenty (20) days of receipt of the written demand or else refund all payments made by Buyer.

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Any notice or demand so given, delivered or made by United States mail shall be deemed so given, delivered or made on the third business day after the same is deposited in the United States Mail, registered or certified letter, addressed as above provided, with postage thereon fully prepaid. ~~All Parties agree that any notice may be faxed to any of the above Parties or their attorneys.~~ Buyer and Seller may from time to time notify the other of changes with respect to whom and where notice should be sent by sending notification of such changes pursuant to this paragraph.

12. Entire Agreement. This Agreement contains the entire understanding between the Parties and the Parties agree that no representation was made by or on behalf of the other which is not contained in this Agreement, and that in entering into this Agreement neither relied upon any representation not especially herein contained. This Agreement shall not be binding upon the Seller and Buyer until executed by an officer of the Seller and Buyer, if applicable its corporate seal affixed, and an executed copy of the Agreement has been delivered to the Buyer and Seller.
13. Amendments and Waivers. This Agreement may not be amended, modified, altered, or changed in any respect whatsoever, except by a further agreement in writing duly executed by each and all of the parties hereto. No failure by Buyer or Seller to insist upon the strict performance of any covenant, duty, agreement or condition of this Agreement or to exercise any right or remedy upon a breach thereof shall constitute a waiver of any such breach or of such any other covenant, agreement, term or condition. Any party hereto, by notice, may but shall be under no obligation to, waive any of its rights or any conditions to its obligations hereunder, or any duty, obligation or covenants of any other party hereto. No waiver shall affect or alter this Agreement, but each and every covenant, agreement, term and condition of this Agreement shall continue in full force and effect with respect to any other then existing or subsequent breach thereof.
14. No Joint Venture or Partnership or Agency Relationship. Seller does not have any ownership interest in Buyer's business relationships or operations and Buyer does not have any interest in Seller's business relationships or operations. The relationship between Seller and Buyer is not in any manner whatsoever a joint venture or partnership and neither party shall be the agent of the other for any purpose, unless specifically granted in writing after execution hereof. Neither party shall hold itself out as an agent, partner or joint venturer with the other and each party shall defend and indemnify the other against any claim of liability arising out of an asserted agency, partnership or joint venture by the other contrary to the express provisions of this paragraph.
15. Captions; Genders. Captions used in this Agreement are for convenience of reference only and shall not affect the construction of any provision of this Agreement.

Whenever used, the singular shall include the plural, the plural shall include the singular, and gender shall include all genders.

16. Partial Invalidity. In case any term of this Agreement shall be held to be invalid, illegal or unenforceable, in whole or in part, neither the validity of the remaining part of such term or the validity of any other term of this Agreement shall in any way be affected thereby.
17. Calculation of Time. Time periods of five (5) days or less shall be computed without including Saturdays, Sundays, or national legal holidays, and any time period existing on a Saturday, Sunday or national legal holiday shall be extended until 5:00 p.m. on the next business day. *ending*
18. Effective Date. This Agreement is effective on the date on which the last of the parties signs this Agreement.
19. Typewritten or Handwritten Provisions. Handwritten provisions and/or typewritten provisions inserted in this Agreement, which are initialed by both parties, shall control over the printed provisions in conflict therewith.
20. Counterparts. This Agreement may be executed in any number of counterparts, any one and all of which shall constitute the agreement of the parties and shall be deemed one original instrument. *Facsimile signatures shall be as effective as an original.*
21. Time is of the Essence. Time is of the essence under the terms of this Agreement.
22. Agreement Not Recordable. This Agreement shall not be recorded in the public records of any county and any attempt to do so shall be null and void and of no force and effect whatsoever and any attempt to do so shall place said party in default hereof.

23. *Warranty of Seller. Seller warrants that, to its knowledge after reasonable inquiry, the Credits from the Mitigation Bank are acceptable to SJRWMD and USACE for use in mitigating the environmental impacts of Buyer's Project. In the event that either SJRWMD or USACE refuses to accept the Credits, then Buyer may request the refund of the deposit, whereupon this Agreement shall be terminated.*

IN WITNESS WHEREOF, the Parties hereto have duly executed this Agreement, to become effective in accordance with the terms of this Agreement.

Signed, sealed and delivered
in the presence of:

WITNESS:

AS TO SELLER:

SELLER:

MIAMI CORPORATION

By: _____

Name: _____

Title: _____

Date: _____

AS TO BUYER:

BUYER:

Florida Inland Navigation District

By: _____

Name: _____

Title: _____

Date: _____

Farmton Mitigation Bank

Mitigation Credit Reservation and Purchase Application

Credit Buyer	
Entity's Legal Name	
Address	
Phone (work)	
Phone (mobile)	
Phone (fax)	
Email address	
Name of Person Legally Authorized to Sign for Buyer	
Title of Person Signing for Buyer	

Project Information	
Project Name	
County	
Section, Township, Range	
Basin	
No. of Forested Credits	
No. of Herbaceous Credits	
WMD/FDEP/County Permit or Application Number	
WMD/FDEP/County Permit Reviewer	
Estimated Date of Permit Issuance	
USACOE Permit or Application Number	
USACOE Permit Reviewer	
Estimated Date of Permit Issuance	

Copy to	
Name	
Company	
Address	
Phone (work)	
Phone (mobile)	
Phone (fax)	
Email address	

Submitted by	
Signature	
Name	
Company	
Registered Referral Party	Yes/No
Date	

CREDIT SALES CHECKLIST

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**Mitigation
Marketing****MITIGATION BANK:****MITIGATION BANK BUYER**

Entity's Legal Name:	Address:	City:	State:	Zip Code:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Phone Number: <input type="radio"/> HOME <input type="radio"/> CELL <input type="radio"/> WORK	Phone Number: <input type="radio"/> HOME <input type="radio"/> CELL <input type="radio"/> WORK	Email Address:		
<input type="text"/>	<input type="text"/>	<input type="text"/>		

PROJECT INFORMATION

# of Forested Credits:	# of Herbaceous Credits:	Project Name:	Credit Purchase Price:	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
County:	Section:	Township:	Range:	Basin:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

PERMIT OR APPLICATION NUMBER:

WMD / FDEP / County:	Reviewer:	USACOE:	Reviewer:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Estimated Issue Date of Permit: <small>mm/dd/yyyy</small>			
<input type="text"/>			
Title of Person Signing for Buyer:	Name of Person Legally Authorized to Sign for Buyer:		
<input type="text"/>	<input type="text"/>		

COPIES TO INCLUDE (i.e. Attorney, Engineer, Environmental Consultant, etc.):

Name:	Company:	Address:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Phone Number: <input type="radio"/> HOME <input type="radio"/> CELL <input type="radio"/> WORK	Fax Number:	Email:
<input type="text"/>	<input type="text"/>	<input type="text"/>

COPIES TO INCLUDE (i.e. Attorney, Engineer, Environmental Consultant, etc.):

Name:	Company:	Address:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Phone Number: <input type="radio"/> HOME <input type="radio"/> CELL <input type="radio"/> WORK	Fax Number:	Email:
<input type="text"/>	<input type="text"/>	<input type="text"/>

[CLICK HERE TO SUBMIT](#)



August 24, 2017

Mr. Mark Crosley
Executive Director
Florida Inland Navigation District (FIND)
1314 Marcinski Rd
Jupiter, FL 33477

RE: Scope of Professional Engineering Services
Intracoastal Waterway Maintenance Dredging
Palm Beach County, Florida

Mr. Crosley:

Per your request, Taylor Engineering has prepared the attached scope of services (Attachment A) and cost proposal (Attachment B) for the above-referenced maintenance dredging project. Our proposed services include utility verification (via divers) for the identified 32 utility crossings, final design and bid documents, and bid administration services.

Taylor Engineering will complete the work described herein for a cost-plus-maximum fee of \$257,494.14. Of this total, \$162,265.00 represents Morgan & Eklund, Inc. and its subconsultant, Industrial Divers, fee for surveying and diver location services. Attachment C provides a copy of their scope of services in its entirety.

We appreciate this opportunity to serve the FIND. If you have any questions concerning this proposal, please contact Lori Brownell, P.E. or me. We can begin work immediately upon your notice to proceed.

Sincerely,

Jerry Scarborough, P.E.
Senior Advisor, Waterfront Engineering

Attachments

**SCOPE OF PROFESSIONAL ENGINEERING SERVICES
INTRACOASTAL WATERWAY MAINTENANCE DREDGING
PALM BEACH COUNTY, FLORIDA**

INTRODUCTION

This scope of professional engineering services describes Taylor Engineering's effort to support maintenance dredging of approximately 4.5 miles of the Intracoastal Waterway (ICWW) to -10 feet Mean Lower Low Water (MLLW) (plus an additional 2-ft of allowable overdredge) between the Port of Palm Beach (Cut PB-36, Station 29+00) to the Town of Palm Beach Docks (Cut PB-41, Station 6+81) (Figure 1). The 17-acre Peanut Island Dredged Material Management Area (DMMA) facility — owned and constructed by the Florida Inland Navigation District (FIND) — will receive approximately 85,000 cubic yards of maintenance dredged material. Based on receipt of the Florida Department of Environmental Protection (FDEP) and pending U.S. Army Corps of Engineers (USACE) permits, the FIND requested Taylor Engineering to provide utility verification, final design and bid documents, and bid administration services.

SCOPE OF SERVICES

TASK 1 UTILITY VERIFICATION

1.1 Diver Verification

Under Task 1.1 of Work Order 15-15, dated December 21, 2015, Morgan & Eklund (M&E), under subcontract to Taylor Engineering, conducted a utility and magnetometer survey and identified, by plan-view only, 32 potential utility crossings in the proposed maintenance dredging area. Both M&E and Taylor Engineering contacted each of the five utility companies — AT&T, City of Riviera Beach, FiberLight LLC, Florida Power and Light, and Florida Public Utilities Company — attempting to obtain permit and as-built documentation of the utilities; unfortunately, the utilities provided insufficient data. This task will attempt to diver-locate and provide a vertical elevation for each of the utility lines. M&E and Industrial Divers will provide these services which will result in a detailed cross-section view showing the utility location and depth of burial within the dredging design template.

1.2 Utility Coordination

Taylor Engineering has been working with the five utility companies to coordinate relocation of some of the utility lines. We will continue to work with these companies to coordinate timing of utility relocation with construction commencement. We, along with FIND and the USACE, will make each utility company aware that the relocated lines, if any, must be in compliance with USACE Regional General Permit SAJ-2005-09981 Subaqueous Utility and Transmission Lines in Florida.

TASK 2 FINAL DESIGN AND BID DOCUMENTS

2.1 DMMA Reconnaissance

Taylor Engineering staff will visit the Peanut Island DMMA site to observe and document existing site conditions. Staff will document any visibly apparent geotechnical issues (e.g., erosion, settling, cracking) of the DMMA dikes and weir, and note any potential on-site environmental issues (within the DMMA, pipeline corridor, and within the contractor's likely staging area). In a letter report to the FIND, we will summarize our observations of site conditions and note potential geotechnical and environmental issues. The report will include photographs, an aerial map locating site features and, if necessary, recommendation for any restorative DMMA actions required for the project. Taylor

Engineering will incorporate the results into the final bid documents.

2.2 Bid Documents

2.2.1 Final Design and Construction Drawings

We will prepare final design documents and digital construction drawings for the project. Construction drawings will provide plan, cross section, and detail views of the ICWW maintenance dredging area and pertinent details (e.g., pipeline corridor, contractor staging area, weir location and discharge area) of the Peanut Island DMMA. We will provide construction drawings in appropriate hardcopy format and in digital (AutoCAD) format, as well as record drawings signed and sealed by a Florida Registered Professional Engineer.

2.2.2 Contract Documents and Technical Specifications

We will update the Division 00 and 01 Contract Documents and prepare Division 02 Technical Specifications for the project. We will follow the Engineers Joint Contract Documents Committee (EJCDC) and Construction Specification Institute (CSI) standards and guidelines to prepare the specifications.

2.2.3 Bid Package

We will prepare a bid package (including Contract Documents, Technical Specifications, and bid schedule) with estimated quantities for all bid items. We will provide an electronic copy of the final drawings and specifications to the FIND suitable for upload onto its FTP site. We will provide the FIND with a record set of drawings sealed by a Florida Registered Professional Engineer.

2.2.4 Opinion of Probable Cost

We will prepare an opinion of probable cost for the project.

TASK 3 BID ADMINISTRATION ASSISTANCE

Taylor Engineering will help the FIND administer the bidding process and select the contractor. We will remain available at our Jacksonville and West Palm Beach offices to clarify and interpret project documents and prepare addenda, if required. We will coordinate and attend the pre-bid meeting to answer questions concerning elements of the project for which Taylor Engineering is responsible.

We will review the bids received and provide the FIND with our recommendations for contractor selection. This work includes reviewing the submitted bid documents, checking technical references of the responsive bidders, and preparing and transmitting a written recommendation for contractor selection. Taylor Engineering will limit its review and recommendations to engineering and technical issues. The FIND will take responsibility for legal review and evaluation of contractors' financial condition, business licenses or authorizations, bonding, contractual requirements, and any other non-engineering or non-technical information.

ESTIMATED SCHEDULE

No	Task	Months from Notice to Proceed							
		1	2	3	4	5	6	7	8
1	Utility Verification								
2	Final Design and Bid Documents								
3	Bid Administration								

SCOPE OF PROFESSIONAL ENGINEERING AND CONSTRUCTION ADMINISTRATION SERVICES
INTRACOASTAL WATERWAY MAINTENANCE DREDGING
PALM BEACH COUNTY, FLORIDA

ATTACHMENT A

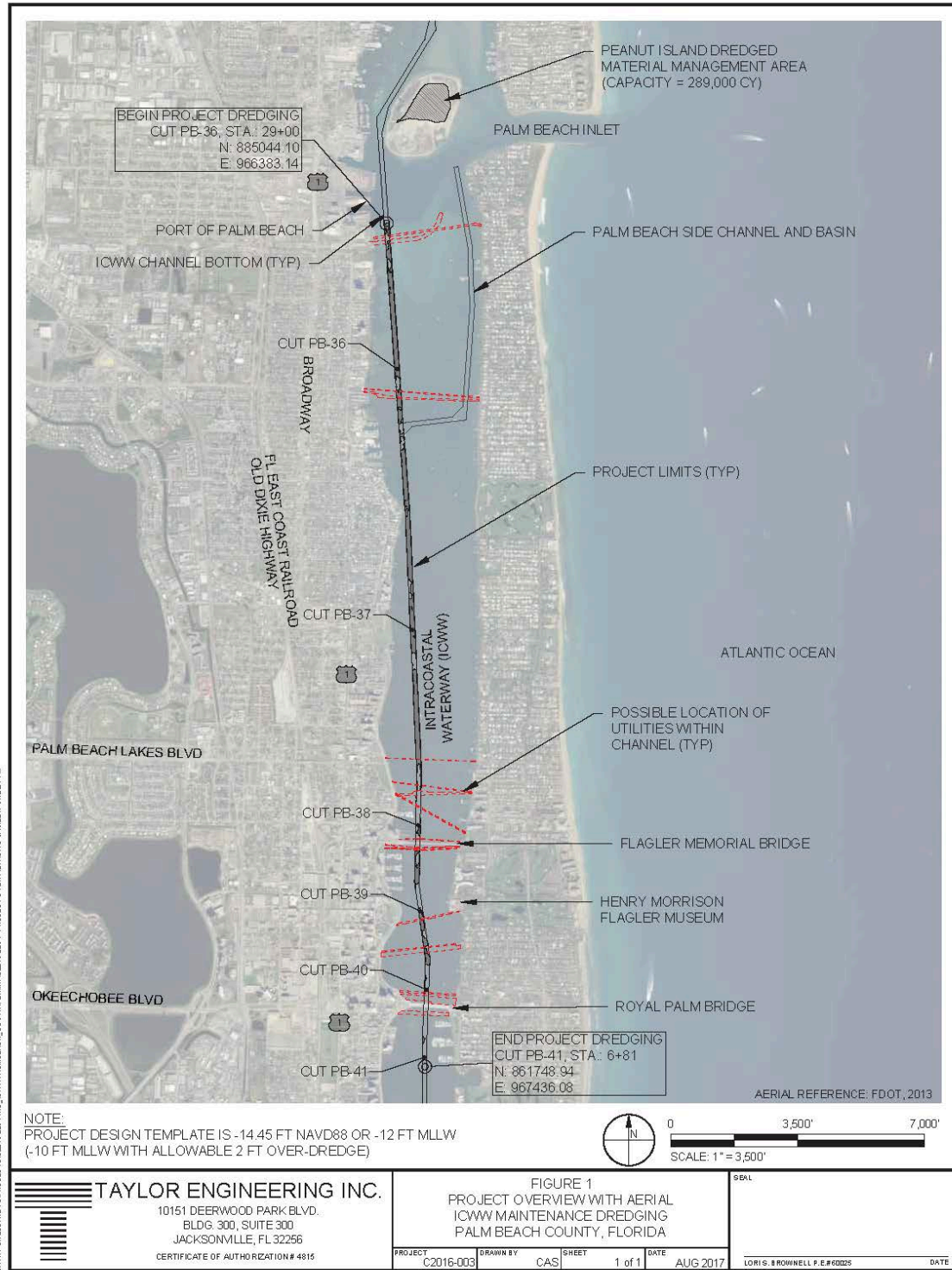


Figure 1. Project Location and General Utility Locations within Project Dredge Template

**TAYLOR ENGINEERING, INC.
COST SUMMARY BY TASK**

**P2017-151: INTRACOASTAL WATERWAY MAINTENANCE DREDGING; PALM
BEACH COUNTY, FLORIDA**

TASK 1: Utility Verification

<i>Labor</i>	Hours	Cost	Task Totals
Director	16.0	2,768.00	
Project Professional	36.0	4,032.00	
Senior CAD Designer	24.0	2,856.00	
Project GIS Specialist	0.0	-	
Administrative	4.0	216.00	
Total Man-Hours	80.0		
Labor Cost			9,872.00
<i>Non-Labor</i>	Units	Cost	
Diver Investigation (M&E, Industrial Divers)	1.0	162,265.00	
Fee @ 10.0%		16,226.50	
Total Non-Labor Cost			178,491.50
<i>Total Task 1</i>			188,363.50

TASK 2: Final Design and Bid Documents

<i>Labor</i>	Hours	Cost	Task Totals
Senior Advisor	12.5	2,412.50	
Director	120.0	20,760.00	
Senior Professional	16.0	2,432.00	
Project Professional	128.0	14,336.00	
Technical Editor	4.0	416.00	
Senior CAD Designer	108.0	12,852.00	
Project GIS Specialist	0.0	-	
Administrative	26.0	1,404.00	
Total Man-Hours	414.5		
Labor Cost			54,612.50
<i>Non-Labor</i>	Units	Cost	
Per Diem	2.0	30.00	
Car Rental	1.0	150.00	
Mileage	40.0	21.20	
Non-Labor Cost		201.20	
Fee @ 10.0%		20.12	
Total Non-Labor Cost			221.32
<i>Total Task 2</i>			54,833.82

**P2017-151: INTRACOASTAL WATERWAY MAINTENANCE DREDGING; PALM
BEACH COUNTY, FLORIDA**

TASK 3: Bid Administration

<i>Labor</i>	Hours	Cost	Task Totals
Senior Advisor	11.0	2,123.00	
Director	38.0	6,574.00	
Project Professional	36.0	4,032.00	
Senior CAD Designer	8.0	952.00	
Project GIS Specialist	0.0	-	
Administrative	7.0	378.00	
Total Man-Hours	100.0		
Labor Cost			14,059.00
<i>Non-Labor</i>	Units	Cost	
Per Diem	3.0	45.00	
Car Rental	1.0	150.00	
Mileage	40.0	21.20	
Non-Labor Cost		216.20	
Fee @ 10.0%		21.62	
Total Non-Labor Cost			237.82
<i>Total Task 3</i>			\$ 14,296.82

Project Total \$ 257,494.14



Morgan & Eklund, Inc.

8745 U.S. Highway 1
P.O. Box 701420
Wabasso, Florida 32970

Phone: 772-388-5364
Fax: 772-388-3165

August 18, 2017

Taylor Engineering, Inc.
Attn: Lori Brownell, PE
10151 Deerwood Park Blvd., Bldg. 300, Suite 300
Jacksonville, FL 32256

RE: Diver Verification of Utility Location and Depth at 32 Crossings for the ICWW Palm Beach South Project

Dear Lori:

Morgan & Eklund, Inc. (in conjunction with Industrial Divers Corp.) is pleased to provide you with the following proposal to furnish professional hydrographic survey and diver verification services for the above referenced project.

In accordance with the scope of work as provided, I estimate our costs to be as follows:

**I. Morgan & Eklund, Inc.:
Locate Existing Submarine Utility Lines (Horizontal/Vertical) at 32 Crossings
for the ICWW Palm Beach South Project**

A. Field Survey (assumes 1.5 crossings/day)

	<u>Cost/10 Hour Day</u>
Project Surveyor.....	\$ 950.00
Survey Boat.....	\$ 500.00
Two Man Survey Crew.....	\$ 1,200.00
Trimble RTK.....	\$ 450.00
	<u>\$ 3,100.00/day</u>
x 21 days =	\$ 65,100.00

B. Plot Location and Depth of Utility in Plan and Profile View

ATTACHMENT 7C

Chief Surveyor
10 hours @ \$140/hr.....\$ 1,400.00

Project Surveyor
32 hours @ \$95/hr.....\$ 3,040.00

Computer Draftsperson
50 hours @ \$75/hr.....\$ 3,750.00
\$ 8,190.00

Total Cost I.....\$ 73,290.00

II. Industrial Divers Corp.:**Diver Verification at 32 Crossings at the Palm Beach South Project****A. Utility Location (assumes 1.5 crossings/day)**

Three Man Dive Team
26' Dive Boat
Surface Supplied System
Hand Jetting System
RD 4000 Cable and Pipe Tracker
Docking and Mileage.....\$ 4,100.00/day

x 21 days =\$ 86,100.00

B. Mobilization and Demobilization

One Time Fee.....\$ 2,875.00

Total Cost II.....\$ 88,975.00

Total Cost I & II.....\$ 162,265.00

III. Industrial Divers Corp.:
Optional Equipment if needed to uncover utility

ATTACHMENT70

A. Equipment

36' Dive Boat w/Air Compressor for Air Lift Digging
Surface Supplied Systems
Dive Gear
Docking and Mileage.....\$ 4,437.00/day

B. Mobilization and Demobilization

One Time Fee.....\$ 2,530.00

As always, Morgan & Eklund, Inc. is looking forward to working with you and Taylor Engineering, Inc. on this project.

Sincerely,

John R. Morgan, II, PLS
President

JRM:dmc

August 18, 2017

Mr. Mark Crosley
Executive Director
Florida Inland Navigation District
1314 Marcinski Rd
Jupiter, FL 33477

RE: Scope of Professional Engineering and Permitting Services
Intracoastal Waterway, Flagler Reach I Maintenance Dredging and Permitting
Flagler County, Florida

Mr. Crosley:

Per your request, Taylor Engineering has prepared the attached Scope of Services (Attachment A) and Cost Proposal (Attachment B) for the following services related to the above-referenced dredging project:

- Task 1 – Preliminary Design
- Task 2 – Permitting
- Task 3 – Final Design and Bid Documents
- Task 4 – Bid Administration

Taylor Engineering will complete the work described herein for a lump sum fee of \$81,077.56. Dredged material disposal will occur within the recently constructed Dredged Material Management Area FL-3 (completed January 2016). FIND's most recent (2014) bathymetric survey by SEA Diversified will be used to estimate shoal volumes. The project will excavate the Reach I channel to a maximum depth, inclusive of an additional 2-ft of allowable over depth, to -14-ft mean lower low water.

Please contact me with any questions you have regarding this effort. We can begin work upon your notice to proceed.

Sincerely,



Jerry Scarborough, P.E.
Senior Advisor, Waterfront Engineering

Attachments (1)
Figure (1)

ATTACHMENT A

**SCOPE OF PROFESSIONAL ENGINEERING AND PERMITTING SERVICES
FLAGLER REACH I MAINTENANCE DREDGING AND PERMITTING
FLAGLER COUNTY, FLORIDA**

**SCOPE OF PROFESSIONAL ENGINEERING AND PERMITTING SERVICES
FLAGLER REACH I MAINTENANCE DREDGING AND PERMITTING
FLAGLER COUNTY, FLORIDA**

INTRODUCTION

This scope of professional engineering and permitting services describes Taylor Engineering's effort to support a proposed project for maintenance dredging at Reach I of the Intracoastal Waterway (ICWW) in Flagler County, Florida (Figure 1). Dredged material disposal will occur within the Florida Inland Navigation District's (FIND) recently constructed Dredged Material Management Area (DMMA) FL-3. Construction of FL-3 was completed in January 2016. The total storage capacity of FL-3 is 764,965 cubic yards (cy), approximately 101% of the projected 50-year storage requirement for Flagler Reach I.

The most recent (2014) bathymetric survey by SEA Diversified (SDI) provides shoal volumes in all Flagler County Reaches as summarized in **Table 1**. The estimated current dredging requirements for Flagler Reach I are well within the available storage requirements of DMMA FL-3. Ideally and in accord with the Florida Department of Environmental Protection (FDEP) and U.S. Army Corps of Engineers (USACE) maintenance dredging authorizations, the project will excavate the Reach I channel to a maximum depth, inclusive of an additional 2-ft of allowable overdepth, to -14 ft mean lower low water (MLLW).

During the permit application and dredging design process Taylor will reference several existing engineering and biological documents related to Flagler Reach I and DMMA FL-3. A brief summary of these existing documents is provided below:

- Long-Range Dredged Material Management Plan for the Intracoastal Waterway in Flagler County, Florida. September 1993. Taylor Engineering, Inc.
- Environmental Site Documentation for Proposed Dredged Material Management Areas in Flagler County; FL-3/MSA 3005A. September 1994. Water and Air Research, Inc.
- Management Plan: FL-3/MSA 3005A Dredged Material Management Area. February 1995. Taylor Engineering, Inc.
- Biological Site Assessment: FL-3 FIND Site Dredged Material Management Area Flagler County, Florida. December 2012. Environmental Services, Inc.
- Environmental Resource Permit: FIND Dredged Material Management Area FL-3. November 2013. Florida Department of Environmental Protection.

Table 1. Flagler County Shoal Volumes by Reach

REACH	FROM	To	SHOAL VOLUMES, CY			DREDGED MATERIAL MANAGEMENT AREA
			-12 ft MLLW ¹	-13 ft MLLW	-14 ft MLLW	
I	Marineland ICWW Mile 55.71 Cut F2/STA 0+00	N. Canal, Palm Coast ICWW Mile 60.14 Cut F11/STA 0+00	42,994	105,025	192,222	FL-3
II	N. Canal, Palm Coast ICWW Mile 60.14 Cut F11/STA 0+00	N. End Fox Cut ICWW Mile 63.94 Cut F20/STA 0+00	12,686	37,881	87,320	FL-8
III	N. End Fox Cut ICWW Mile 63.94 Cut F20/STA 0+00	Flagler Bch (SR 100) ICWW Mile 69.78 Cut F27/STA 0+00	10,565	23,677	58,086	FL-12
IV	Flagler Bch (SR 100) ICWW Mile 69.78 Cut F27/STA 0+00	Flagler/Volusia Co. Line ICWW Mile 73.85 Cut V1/STA 0+00	18,854	64,530	153,346	FL-12
		TOTAL	85,099	231,113	490,974	

¹ MLLW = Mean Lower Low Water**TASK 1 PRELIMINARY DESIGN****1.1 Utility Survey**

Taylor Engineering will complete a limited desktop utility survey within the proposed project area. Due to a history of previous dredging events in the area and no current evidence of shallow utilities, this scope of work does not include side scan or sub-bottom profiling surveys or dive inspections. Deliverables will include a report that documents the research of utility crossing information within the proposed project area. The report, along with providing backup documentation from the actual utility companies (As-Built surveys, permit and easement documentation, gathered during our assessment), shall clearly indicate the approximate locations of utilities within the project area. Taylor will plot any utilities located (if any) on project drawings along with the 2014 bathymetric survey data. Depending on amount of information provided by utility companies, Taylor will provide detailed cross-sections showing the documented utility location, depth of burial, and relationship to the dredge design template. Final project specifications will also require the dredging contractor to complete an independent utility survey, to include gathering and verifying the location and depth information for any utilities which may lie within the dredge template.

1.2 DMMA Reconnaissance

Taylor Engineering staff will investigate the FL-3 DMMA to evaluate and document existing site conditions, including condition of the proposed pipeline corridor. Staff will document any visibly apparent geotechnical issues (e.g., erosion, settling, cracking) of the DMMA and weir, and evaluate any potential on-site environmental issues (within the DMMA, pipeline corridor, and within the contractor's likely staging areas). In a letter report to the FIND, we will summarize site conditions and note potential site encumbrances. The report will include photographs, an aerial map detailing any geotechnical and environmental site features and, if necessary, recommend any restorative DMMA features or environmental restrictions required for the project.

1.3 Dredging Template and Dredge Quantities

Taylor Engineering will develop a three-dimensional AutoCAD-based digital terrain model of the project area and proposed dredging locations. We will use SEA Diversified's 2014 bathymetric survey data in the models to develop a dredging template that will include plan area, cross sections, and total required dredging volume.

1.4 Permit Drawings

In support of Task 2 (Permitting), Taylor Engineering will prepare permit drawings for the various site elements. The permit set will include photo-based sheets depicting the project areas. We will obtain existing aerial photography for this purpose. These drawings will provide plan, cross section, and detail views of the proposed maintenance dredging project and the associated upland DMMA, its return water control structure as well as the pipeline corridor, and any necessary seepage, drainage, and erosion control features. We will provide signed and sealed permit drawings in appropriate hard-copy format and in digital (AutoCAD and PDF) format.

TASK 2 PERMITTING

2.1 Permit Application

2.1.1 FDEP Maintenance Dredging Exemption

We will prepare and submit to the FDEP a request for maintenance dredging exemption. The exemption request will include a description of the waterway's design, construction, and maintenance history; drawings showing the maintenance dredging locations, templates, and DMMA; and description of the dredging and material handling methods. Since the pipeline corridor was not included in the design, and therefore not authorized in the DMMA permit, this permitting activity includes additional coordination and permitting efforts with regard to pipeline routing and temporary use of state submerged lands.

2.1.2 USACE Regional General Permit Verification

Taylor Engineering will prepare and submit to the USACE Jacksonville District a request for verification of the maintenance dredging authorization under Department of the Army Regional General Permit SAJ-93. The verification request will include a description of the waterway's design, construction, and maintenance history; drawings showing the maintenance dredging locations, templates, and DMMA; and description of the dredging and material handling methods. This permitting activity includes additional coordination with regard to the pipeline corridor.

2.2 Request for Additional Information (RAI) Response and Submittal

After initial review of the maintenance exemption and general permit verification requests, the FDEP and USACE will likely respond with one or more RAIs. An RAI typically comprises a series of questions that require additional clarification or other information regarding the proposed work. Accordingly, we have budgeted a maximum \$6,164 (52 person-hours) to respond to FDEP and USACE RAIs. Should the RAI responses require more than this budgeted labor (or should the agencies deny the maintenance exemption or verification request and require new state or federal permits), we will evaluate the response requirements and prepare and submit to the FIND a scope of work and cost proposal to respond to the agency requirements. Taylor Engineering will provide all RAI responses to the FIND for review before submittal to the FDEP and USACE.

TASK 3 FINAL DESIGN AND BID DOCUMENTS

3.1 Final Design and Construction Drawings

We will prepare final design documents and construction drawings for the various site elements. Construction drawings will provide plan, cross section, and detail views of the ICWW dredging area and pertinent details (i.e., pipeline corridor, contractor staging area, weir location and discharge area, etc.) of the DMMA. We will provide construction drawings in appropriate hardcopy format and in digital (AutoCAD) format, as well as record drawings signed and sealed by a Florida Registered Professional Engineer.

3.2 Contract Documents and Technical Specifications

We will update the Division 00 and 01 Contract Documents and prepare all other Technical Specifications for the project. We will follow the Engineers Joint Contract Documents Committee

(EJCDC) and Construction Specification Institute (CSI) standards and guidelines to prepare the specifications.

3.3 Bid Package Submittal

We will prepare a bid package (including drawings, contract documents, technical specifications, and bid schedule) with estimated quantities for all bid items. To give interested bidders immediate access to the bid package, we will provide an electronic copy of the final drawings and specifications for the FIND to upload onto its FTP site. We will provide the FIND with a record set of drawings sealed by a Florida Registered Professional Engineer.

3.4 Opinion of Probable Cost

We will prepare an opinion of probable cost for the project.

TASK 4 BID ASSISTANCE

Taylor Engineering will help the FIND administer the bidding process and help select the contractor. We will remain available at our Jacksonville offices to clarify and interpret project documents and prepare addenda, if required. We will coordinate and attend a pre-bid meeting to answer questions concerning elements of the project for which Taylor Engineering is responsible.

We will help review the bids received and provide the FIND with our recommendations for contractor selection. This work includes reviewing the submitted bid documents, checking technical references of the responsive bidders, and preparing and transmitting a written recommendation for contractor selection. Taylor Engineering will limit its review and recommendations to engineering and technical issues. The FIND will take responsibility for legal review and evaluation of contractors' financial condition, business licenses or authorizations, bonding, contractual requirements, and any other non-engineering or non-technical information.

ESTIMATED SCHEDULE

No .	Task	Months from Notice to Proceed							
		1	2	3	4	5	6	7	8
1	Preliminary Design								
2	Permitting								
3	Final Design and Bid Documents								
4	Bid Assistance								

ATTACHMENT B

COST PROPOSAL

FLAGLER REACH I MAINTENANCE DREDGING AND PERMITTING

FLAGLER COUNTY, FLORIDA

**TAYLOR ENGINEERING, INC.
COST SUMMARY BY TASK
P2017-149: FLAGLER REACH I**

TASK 1: PRELIMINARY DESIGN

<i>Labor</i>	Hours	Cost	Task Totals
Vice President	2.0	392.00	
Senior Advisor	4.0	772.00	
Director	8.0	1,384.00	
Senior Professional	40.0	6,080.00	
Project Professional	8.0	896.00	
Staff Professional	88.0	8,272.00	
Senior CAD Designer	48.0	5,712.00	
Project GIS Specialist	0.0	-	
Administrative	4.0	216.00	
Total Man-Hours	202.0		
Labor Cost			23,724.00
<i>Non-Labor</i>	Units	Cost	
DMMA Recon Milage	120.0	64.80	
Fee @ 10.0%		6.48	
Total Non-Labor Cost			71.28
<i>Total Task 1</i>			23,795.28

TASK 2: PERMITTING

<i>Labor</i>	Hours	Cost	Task Totals
Vice President	3.0	588.00	
Senior Advisor	6.0	1,158.00	
Director	3.0	519.00	
Senior Professional	48.0	7,296.00	
Staff Professional	72.0	6,768.00	
Staff CAD Designer	8.0	664.00	
Project GIS Specialist	0.0	-	
Administrative	3.0	162.00	
Total Man-Hours	143.0		
Labor Cost			17,155.00
<i>Total Task 2</i>			17,155.00

P2017-149: FLAGLER REACH I

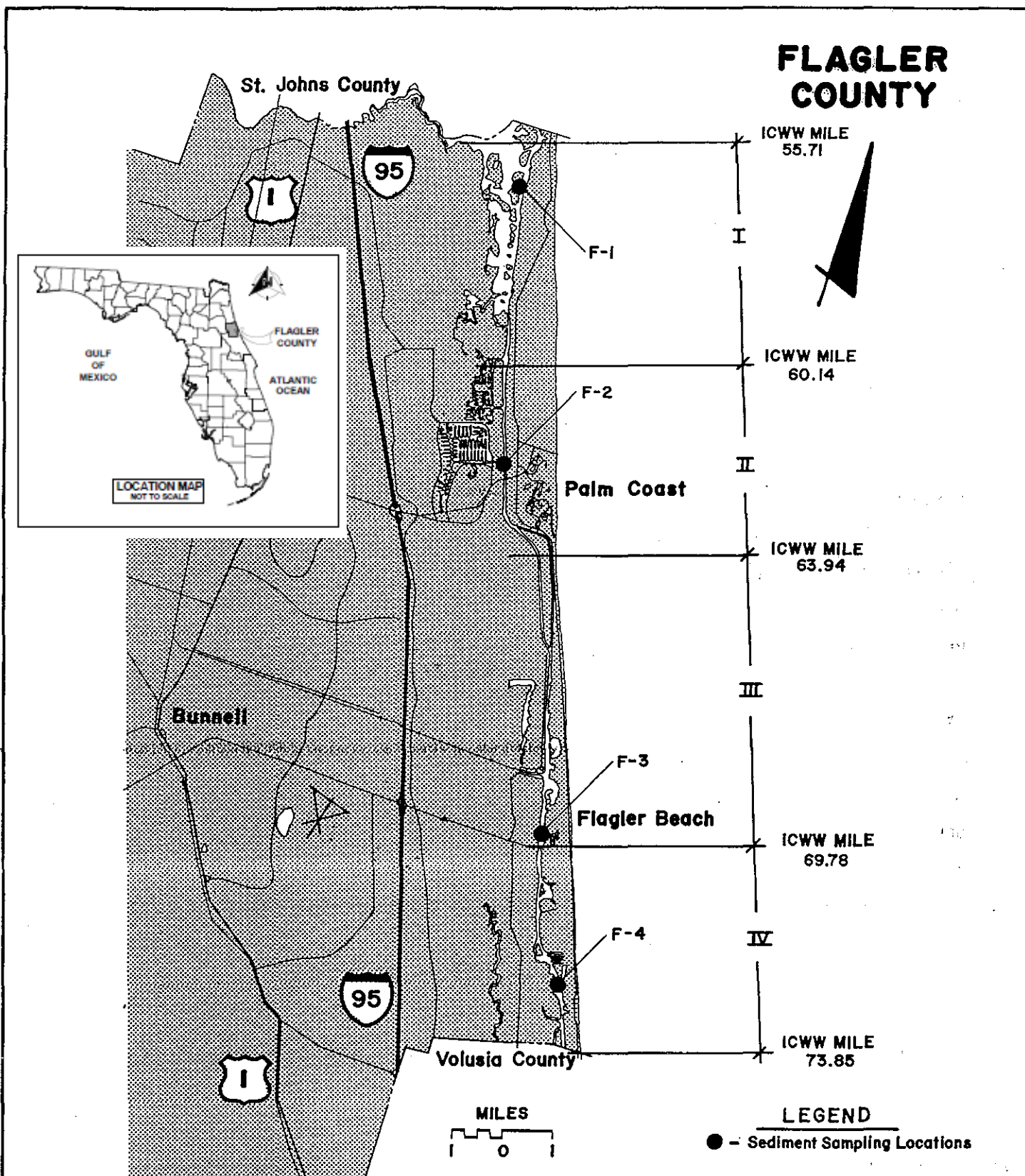
TASK 3: FINAL DESIGN AND BID DOCUMENTS

<i>Labor</i>	Hours	Cost	Task Totals
Vice President	4.0	784.00	
Senior Advisor	8.0	1,544.00	
Director	15.0	2,595.00	
Senior Professional	64.0	9,728.00	
Staff Professional	72.0	6,768.00	
Senior CAD Designer	40.0	4,760.00	
Project GIS Specialist	0.0	-	
Administrative	4.0	216.00	
Total Man-Hours	207.0		
Labor Cost			26,395.00
<i>Total Task 3</i>			\$ 26,395.00

TASK 4: BID ASSISTANCE

<i>Labor</i>	Hours	Cost	Task Totals
Senior Advisor	10.0	1,930.00	
Director	7.0	1,211.00	
Senior Professional	48.0	7,296.00	
Staff Professional	32.0	3,008.00	
Project GIS Specialist	0.0	-	
Administrative	4.0	216.00	
Total Man-Hours	101.0		
Labor Cost			13,661.00
<i>Non-Labor</i>	Units	Cost	
Pre-Bid Milage	120.0	64.80	
Fee @ 10.0%		6.48	
Total Non-Labor Cost			71.28
<i>Total Task 4</i>			\$ 13,732.28

Project Total \$ 81,077.56



TAYLOR ENGINEERING INC

9006 CYPRESS GREEN DRIVE
JACKSONVILLE, FLORIDA 32256

Figure 2-2
Sediment Sampling Locations
Intracoastal Waterway
Flagler County, Florida

PROJECT

REVISION

SHEET

DATE

2015-2016 ASSISTANCE PROJECTS REQUIRING A ONE (1) YEAR EXTENSION

Project Sponsor	Project Name	Project Number	Reason fo Extension
Palm Beach County	Bert Winters Park Phase IIA	PB-15-188	Construction still ongoing
City of Surfside	Surfside Seawall Replacement	DA-SU-15-174	Needs time to process final punchlist and paperwork
City of St Augustine	Riberia Point Kayak Launch Phase I	SJ-SA-15-61	Awaiting signed construction contract
City of Jacksonville	Metro Park Dock Replacement - Phase 1	DU-JA-15-146	Awaiting signed construction contract
City of Jacksonville	Joe Carlucci Boat Ramp Dock Ext. - Phase I	DU-JA-15-145	Awaiting signed construction contract
City of Jacksonville	Pottsbury Creek Dredge - Phase II	DU-JA-15-144	Construction still ongoing
City of Jacksonville	Tillie Fowler Kayak Launch - Phase I	DU-JA-15-142	Design and permitting Phase still ongoing
City of Jacksonville	Mayport Boat Ramp Phase - 2B	DU-JA-15-141	Construction still ongoing
City of Jacksonville	Sisters Creek Dock Redesign - Phase II	DU-JA-15-140	Construction still ongoing
City of Jacksonville	County Dock Boat Ramp - Phase II	DU-JA-15-139	Construction still ongoing
City of Fort Lauderdale	Coontie Hatchee Lagoon - Phase I	BR-FL-15-112	Design and permitting phase still ongoing
City of Miami	Marine Stadium Baywalk - Phase II	DA-MI-15-183	Delay in completion due to boat show
City of Miami Beach	Maurice Gibb Park Dock & Launch - Phase I	DA-MB-15-195	Seawall to be constructed first
City of St Augustine	Salt Run Navigation Channel Dredging Part 6	SJ-SA-15-60	Construction still ongoing
City of St Augustine	Riberia Pointe Kayak Launch - Phase I	SJ-SA-15-61	Request for Phase II grant in process
FL DEP	Clean Marina Project	DEP-15-81	Construction still ongoing
City of Fort Lauderdale	Las Olas Marina & Access Dredging - Phase I	BR-FL-15-114	Still in permitting phase
SJRWMD	Eau Gallie Dredging - Phase II	SJR-15-80	Construction still ongoing
North Bay Village	Baywalk Plaza - Phase IIA	DA-NBV-15-194	Construction still ongoing
Indian River County	Archie Smith Fish House Phase IIA Restoration	IR-15-62	Construction still ongoing
Indian River County	Round Island Riverside Park Improvements	IR-15-61	Wrapping up final work on project
Volusia County	Shell Harbor Park - Phase I	VO-15-111	Design and permitting phase still ongoing
City of Port Orange	Riverwalk Park North B - Phase II	VO-PO-15-107	Construction still ongoing
Miami-Dade County	Homestead Bayfront Marina Wet Slip	DA-15-193	Construction still ongoing
Miami-Dade County	Crandon Marina Boat Ramps	DA-15-189	Construction still ongoing



**Parks and Recreation
Department**

2700 6th Avenue South

Lake Worth, FL 33461

(561) 966-6600

Email: pbcparks@pbcgov.org

www.pbcparks.com



**Palm Beach County
Board of County
Commissioners**

Paulette Burdick, Mayor

Melissa McKinlay, Vice Mayor

Hal R. Valeche

Dave Kerner

Steven L. Abrams

Mary Lou Berger

Mack Bernard

County Administrator

Verdenia C. Baker

*"An Equal Opportunity
Affirmative Action Employer"*

Official Electronic Letterhead

July 10, 2017

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

**Re: Bert Winters Park – Phase IIA Time Extension Request
PB-15-188**

Dear Ms. Zimmerman:

Commencement of construction for Bert Winters Park Phase IIA was postponed until Waterway Park and the renovation of the western boat ramp parking at Burt Reynolds Park could be completed and opened to the public. The County wanted to maintain as much waterfront boater access as possible in northern Palm Beach County while the projects were under construction.

Due to the delayed start time, I am requesting a one-year time extension of our Bert Winters Park Construction grant agreement (PB-15-188) from September 1, 2017 until September 1, 2018. The Bert Winters Park project has been placed out for competitive bid and construction is expected to commence this October.

If you have any comments or questions regarding this request, please contact Jean Matthews, Senior Planner at 561-966-6652.

Thank you for your assistance in processing this request.

Sincerely,

Eric Call, Director
Parks and Recreation Department

EC/JM



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

July 11, 2017

Ms. Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477-9498

RE: Request for Grant Extension
Surfside Seawalls (Project Number DA-SU-15-174)

Dear Ms. Zimmerman,

This is a formal request for a 1-year extension to the above referenced grant awarded by FIND in September, 2015. I am making this request on behalf of the Town of Surfside.

I wish to inform you that construction has been completed and accepted; the only remaining items are final payment, procurement of cancelled checks and installation of signage acknowledging FIND's contributions.

While it is plausible that these items will be accomplished prior to the September deadline, we understand that the contractor's billing cycle and Town's payment thereof may run beyond this deadline. As a precautionary measure, we request the grant be extended as noted in order to properly close out the project.

Should you need any additional information, please don't hesitate to contact me.

Sincerely,

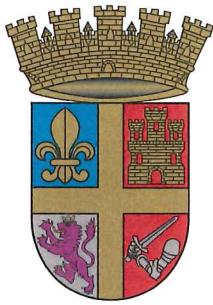
CALVIN, GIORDANO & ASSOCIATES, INC.

David Frodsham, P.E.

Building Code Services
Coastal Engineering
Code Enforcement
Construction Engineering & Inspection
Construction Services
Contract Government
Data Technologies & Development
Emergency Management Services
Engineering
Governmental Services
Indoor Air Quality
Landscape Architecture & Environmental Services
Municipal Engineering
Planning
Public Administration
Redevelopment & Urban Design
Renewable Energy
Resort Development
Surveying & Mapping
Transportation Planning & Traffic Engineering
Utility & Community Maintenance Services
Water Resources Management

560 Village Blvd., Suite 340
West Palm Beach, FL 33409
Phone: 561.684.6161
Fax: 561.684.6360

Headquarters:
1800 Eller Drive, Suite 600
Fort Lauderdale, FL 33316
Phone: 954.921.7781
Fax: 954.921.8807



1565 – 2015
450 years

City of St. Augustine



St. Augustine, Florida
Nation's Oldest City

General Services

July 20, 2017

Ms. Janet Zimmerman, Assistant Executive Director
Florida Inland Navigation District (FIND)
1314 Marcinski Road
Jupiter, FL 33477-9498

RE: WAP Agreement No. SJ-SA-15-61: *Riberia Pointe Kayak Launch-Phase I*

Dear Ms. Zimmerman:

As you're aware, work on the above referenced project was completed and the closeout documents were submitted to the District on August 2, 2016. The City has been advised that, per our grant agreement and the Waterways Assistance Program rules, the reimbursement request for these Phase I funds is being held in an accounts payable pending receipt of a construction contract for the project.

On March 29, 2017, the City submitted an application to the District for Phase II funding of this work and, if awarded, anticipates soliciting bids and awarding a construction contract by the 1st quarter of Calendar 2018. Therefore, we respectfully request an extension of the Phase I project expiration deadline to September 30, 2018.

If you have any questions or if additional information is needed, please contact me at (904) 209-4302 or, via email, at tfleming@citystaug.com. Thank you for your consideration of this request.

Sincerely,

Timothy W. Fleming
Deputy Director, General Services

TWF

cc: John P. Regan, P.E., City Manager
Tim Burchfield, Assistant City Manager
Jim Piggott, Director, General Services
file

DEPARTMENT OF PARKS, RECREATION AND COMMUNITY SERVICES



July 17, 2017

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

SUBJECT: Project Agreement Extension
County Dock Boat Ramp, Phase II (DU-JA-15-139)

Dear Ms. Zimmerman,

As the Project Liaison, I am requesting an extension for the aforementioned project. We are currently in negotiations with a contractor for this project and construction is anticipated to begin this fall. We are requesting a one-year extension for Phase II, expiring September 30, 2018. We will submit our close-out documents as soon as construction is complete.

Thank you for your assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "B. Burket", followed by a horizontal line.

Brian Burket
Natural Resource Recreation Specialist

DEPARTMENT OF PARKS, RECREATION AND COMMUNITY SERVICES



July 17, 2017

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

SUBJECT: Project Agreement Extension
Sisters Creek Dock, Phase II (DU-JA-15-140)

Dear Ms. Zimmerman,

As the Project Liaison, I am requesting an extension for the aforementioned project. This project is about to advertised for bids and construction is anticipated to begin this fall. We are requesting a one-year extension for Phase II, expiring September 30, 2018. We will submit our close-out documents as soon as construction is complete.

Thank you for your assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "B. Burket".

Brian Burket
Natural Resource Recreation Specialist

DEPARTMENT OF PARKS, RECREATION AND COMMUNITY SERVICES



July 17, 2017

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

SUBJECT: Project Agreement Extension
Mayport Boat Ramp, Phase IIB (DU-JA-15-141)

Dear Ms. Zimmerman,

As the Project Liaison, I am requesting an extension for the aforementioned project. This project is currently more than 50% complete and should be done by the September 30, 2017 deadline. However, out of abundance of caution, we are requesting a one-year extension for Phase II, expiring September 30, 2018. We will submit our close-out documents as soon as construction is complete.

Thank you for your assistance.

Sincerely,

A handwritten signature in dark ink, appearing to read "B. Burket", followed by a stylized flourish.

Brian Burket
Natural Resource Recreation Specialist

DEPARTMENT OF PARKS, RECREATION AND COMMUNITY SERVICES



July 17, 2017

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

SUBJECT: Project Agreement Extension
Tillie Fowler Kayak Launch, Phase I (DU-JA-15-142)

Dear Ms. Zimmerman,

As the Project Liaison, I am requesting an extension for the aforementioned project. Design and permitting is well underway but will not be completed by the September 2017 deadline. We are requesting a one-year extension for Phase I, expiring September 30, 2018. We will submit our close-out documents as soon as design is complete.

Thank you for your assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Burket", followed by a horizontal line.

Brian Burket
Natural Resource Recreation Specialist

DEPARTMENT OF PARKS, RECREATION AND COMMUNITY SERVICES



July 17, 2017

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

SUBJECT: Project Agreement Extension
Pottsburg Creek Dredge, Phase II (DU-JA-15-144)

Dear Ms. Zimmerman,

As the Project Liaison, I am requesting an extension for the aforementioned project. This project is currently 95% complete and should be done by the September 30, 2017 deadline. However, out of abundance of caution, we are requesting a one-year extension for Phase II, expiring September 30, 2018. We will submit our close-out documents as soon as construction is complete.

Thank you for your assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "B. Burket", with a stylized flourish extending to the right.

Brian Burket
Natural Resource Recreation Specialist

DEPARTMENT OF PARKS, RECREATION AND COMMUNITY SERVICES



July 17, 2017

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

SUBJECT: Project Agreement Extension
Joe Carlucci Docks, Phase I (DU-JA-15-145)

Dear Ms. Zimmerman,

As the Project Liaison, I am requesting an extension for the aforementioned project. Design is well underway, permits have been obtained and Phase 2 funding has been requested from FIND for later this year. However, out of abundance of caution, we are requesting a one-year extension in case there are some loose ends to complete with design and we receive some design-related invoices after the September 2017 deadline. We will submit our close-out documents as soon as design is 100% complete.

Thank you for your assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "B. Burket", followed by a stylized flourish.

Brian Burket
Natural Resource Recreation Specialist

DEPARTMENT OF PARKS, RECREATION AND COMMUNITY SERVICES



July 17, 2017

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

SUBJECT: Project Agreement Extension
Metro Park Docks, Phase I (DU-JA-15-146)

Dear Ms. Zimmerman,

As the Project Liaison, I am requesting an extension for the aforementioned project. This project has been on hold due to a potential land transfer of the park and marina to a private developer. These negotiations have not been finalized so the City would like to retain the ability to proceed with this design project should these plans change in the next few months. Therefore, we are requesting a one-year extension for Phase I, expiring September 30, 2018. We would submit our close-out documents as soon as design is complete.

Thank you for your assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "B. Burket", followed by a horizontal line.

Brian Burket
Natural Resource Recreation Specialist

City of Miami



DANIEL J. ALFONSO
City Manager

July 31, 2017

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

RE: Marine Stadium Baywalk - Phase II, B-40668
Project No. DA-MI-15-183

Dear Ms. Zimmerman:

The City of Miami respectfully requests a one-year extension of time for the above referenced agreement. During the beginning of the project only the concrete walkway was constructed as a result of the City leasing the Marine Stadium property to the National Marine Manufacturers Association in preparation for the annual Miami Boat Shows. The additional one-year extension will allow the City to complete the construction of the remaining elements of the baywalk project.

Your approval to extend the grant agreement would be gratefully appreciated. Should you have any questions, do not hesitate to contact me at (305) 416-1225.

Sincerely,

Jeovanny Rodriguez, P.E.
Director

JR/wj

cc: Hector Badia, Assistant Director, OCI
Lillian Blondet, Director, Office of Grants Administration
Lai-Wan McGinnis, Budget & Financial Reporting Administrator, OMB
Jose Oliveros, Chief Construction Project Manager, OCI
Giraldo Marquez, Chief Project Manager, OCI



City of Miami Beach, 1700 Convention Center Drive, Miami Beach, Florida 33139, www.miamibeachfl.gov

OFFICE OF BUDGET AND PERFORMANCE IMPROVEMENT, Grants Management
Tel: 305-673-7510, Fax: 786-394-4675

July 20, 2017

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

**Re: Maurice Gibb Memorial Park Dock & Launch – Phase I
Project # DA-MB-15-195
Request for Extension of Time**

Dear Ms. Zimmerman:

The City of Miami Beach respectfully requests a one-year extension to FIND for the Maurice Gibb Memorial Park Dock & Launch – Phase I, Project No. DA-MB-15-195. The current deadline is September 30, 2017 and the City is requesting a one-year extension to September 30, 2018. Below is the reason why the City will need an extension.

This extension request is needed due to the delay of the sea wall construction, not included in the FIND grant request, to be completed before the dock could be constructed. The sea wall will be completed in about a month and this will allow the dock contractor to perform their work on the dock later this year. The City will be requesting the reimbursement for the completed dock and launch within this next year.

We appreciate FIND's consideration of this extension request to September 30, 2018. If you have any questions or concerns, please do not hesitate to contact me at 305-673-7510.

Sincerely,

A handwritten signature in blue ink, appearing to read "Judy Hoanshelt".

Judy Hoanshelt
Director, Grants Management Division



1565 – 2015
450 years

City of St. Augustine



St. Augustine, Florida
Nation's Oldest City

General Services

July 20, 2017

Ms. Janet Zimmerman, Assistant Executive Director
Florida Inland Navigation District (FIND)
1314 Marcinski Road
Jupiter, FL 33477-9498

RE: WAP Agreement No. SJ-SA-15-60: *Salt Run Navigation Channel Dredging-Phase 6*

Dear Ms. Zimmerman:

As you're aware, the City was awarded funding for the above referenced dredging project on October 19, 2015 and was subsequently awarded funding for an additional phase (WAP Agreement SJ-SA-16-194) on October 24, 2016. In order to reduce mobilization/demobilization and other fixed costs, the two phases were combined into one effort. For reasons noted in the projects' Quarterly Status Reports, commencement of the dredging work was delayed until the 2nd Quarter of Calendar 2017. The City's contractor has mobilized to the work site and is in the process of beginning operations. While we anticipate work on Phase 6 being completed within the next 3 to 4 weeks, out of an abundance of caution we respectfully request an extension of the project expiration deadline to September 30, 2018.

If you have any questions or if additional information is needed, please contact me at (904) 209-4302 or, via email, at tfleming@citystaug.com. Thank you for your consideration of this request.

Sincerely,

Timothy W. Fleming
Deputy Director, General Services

TWF

cc: John P. Regan, P.E., City Manager
Tim Burchfield, Assistant City Manager
Jim Piggott, Director, General Services
file

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary



Florida Department of Environmental Protection

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

July 25, 2017

Janet Zimmerman, Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477-9498

RE: DEP-15-81 Florida Clean Marina Program
Project Agreement date extension

Dear Ms. Zimmerman:

The Florida Clean Marina Program would like to apply for a one-year date extension for project DEP-15-81 Florida Clean Marina Program.

The project status is 55% spent with most of the match being met at 70%. The Program is working on reorganizing, program planning and efficiencies resulting in some purchasing delays. Therefore, it is necessary to apply for a date extension for this grant to maximize the program implementation and spending.

Should you have any questions on the program or the extension request, I can be reached at (850) 245-2847 or Brenda.Leonard@dep.state.fl.us. Thank you for your help with our programs.

Sincerely,

A handwritten signature in blue ink that reads "Brenda Leonard".

Brenda W. Leonard
Program Administrator

EXHIBIT G
ASSISTANCE PROJECT SCHEDULE

198

- **OCTOBER 2015** - Project Agreement Executed, Project Initiates.
- **DECEMBER 30, 2015** - First Quarterly Report Due.
- **MARCH 15, 2016** – Second Quarterly Report Due.
- **JUNE 30, 2016** - Third Quarterly Report Due.
- **SEPTEMBER 15, 2016** - Fourth Quarterly Report Due.
- **DECEMBER 30, 2016** - Fifth Quarterly Report Due.
- **MARCH 15, 2017** - Sixth Quarterly Report Due.
- **JUNE 30, 2017** - Seventh Quarterly Report Due.
- **SEPTEMBER 15, 2017** - Fourth Quarterly Report Due.
- **DECEMBER 30, 2017** - Fifth Quarterly Report Due.
- **MARCH 15, 2018** - Sixth Quarterly Report Due.
- **JUNE 30, 2018** - Seventh Quarterly Report Due.

NOTE: If the project will not be completed and all close out paperwork submitted by September 1st, a request for a 1-year extension of the completion date of the project should be submitted with the quarterly report.

SEPTEMBER 01, 2018 - Closeout paperwork due.

Closeout paperwork consists of:

- Project Completion Certificate, FIND Form No. 90-13 (effective date 7-30-02), which certifies that the project was completed in accordance with the project agreement and the final project plans.
- A final reimbursement request accompanied by all required billing statements and vouchers.
- Photograph(s) showing the installation of the sign required by Rule 66B-1.013, F.A.C.
- Photograph(s) of the completed project clearly showing the program improvements. **Qpg or tiff format**
- A Final Project Report (1-2 pages) that shall at minimum include: project name and address, project summary, final cost, and project benefits to the waterway.

SEPTEMBER 30, 2017 - District finishes processing closeout paperwork, performs project inspection and submits final reimbursement check with check presentation to sponsor.

NOTE: ANY MODIFICATIONS to the PROJECT shall require advance notice and prior written approval of the District. The appropriate timing for modifications to the project cost estimate, Exhibit A, would be after receipt of bids.

***NON-COMPLIANCE by the PROJECT SPONSOR with the reporting schedule in Exhibit G may result in revocation of this agreement pursuant to Paragraph 13 of the project agreement.**



August 3, 2017

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- 15-114:
Las Olas Marina & Access Dredging Phase I**

Dear Ms. Zimmerman:

Thank you for your letter of June 28 regarding the Las Olas Marina & Access Dredging Phase I Project.

The project is underway and the City wishes to extend agreement BR-FL-15-114 for an additional year.

Thank you for your consideration and assistance with this very worthwhile project. If you need anything further, please feel free to contact Jonathan Luscomb, Supervisor of Marine Facilities at (954) 828-5343 or jluscomb@fortlauderdale.gov.

Sincerely,

Lee R. Feldman, ICMA-CM
City Manager

From: [William Tredik](#)
To: [Janet Zimmerman](#)
Cc: [Robert Zammataro](#); [Jessica Longhi](#)
Subject: RE: Eau Gallie Updates (SJR-15-80 and SJR-16-86)
Date: Wednesday, August 09, 2017 2:30:36 PM
Attachments: [image001.png](#)
[image002.png](#)

Janet:

The work is done on the DMMA, and punch list items have been addressed. The work on the roadway crossings is done except for the relocation of a cable box. As soon as that box relocation is complete, we will also close out that portion of work and release the retainage.

I am hopeful that this final item will be completed in the next couple of weeks, but just in case, I would like to go ahead and get contract SJR-15-80 extended by a year.

Thanks,

Bill

From: Janet Zimmerman [mailto:jzimmerman@aicw.org]
Sent: Tuesday, August 1, 2017 1:53 PM
To: William Tredik <WTredik@sjrwmd.com>
Subject: RE: Eau Gallie Updates (SJR-15-80 and SJR-16-86)

Just let me know if you'll need to request an extension of the 2015 grant. The extension approvals will go on the Sept 8th agenda (need request by Aug 25).

Thanks.

Sincerely,

Janet Zimmerman, Assistant Executive Director
 Florida Inland Navigation District (FIND)
 1314 Marcinski Rd
 Jupiter, FL 33477
 561.627.3386

From: William Tredik [<mailto:WTredik@sjrwmd.com>]
Sent: Monday, July 24, 2017 1:05 PM
To: Janet Zimmerman <jzimmerman@aicw.org>
Subject: Eau Gallie Updates (SJR-15-80 and SJR-16-86)

Janet:



North Bay Village

Administrative Offices

1666 Kennedy Causeway, Suite 300 North Bay Village, FL 33141

Tel: (305) 756-7171 Fax: (305) 756-7722 Website: www.nbv.com

REC'D

AUG 10 2017

Florida Inland
Navigation District

August 3, 2017

Mr. Mark T. Crosley
Executive Director
c/o Ms. Janet Zimmerman
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477

**Re: Request for Extension
Baywalk Plaza Phase II: #DA-NBV-15-194**

Dear Mr. Crosley,

In FY2015, North Bay Village was awarded \$200,000 in funding for the construction of the Village's Baywalk Plaza Area. The contract is scheduled to end on September 30, 2017; however, the Village is requesting a one-year extension which will allow us to complete the project by September 2018.

Village's general contractor began construction on the Baywalk Plaza on May 15, 2017. During the site preparation period, pipes and underlying structures associated with the John F Kennedy Causeway Bridge and a nearby parking garage were uncovered. This has caused the Village to request additional changes to the engineering plans, and has resulted in a delay in construction from the original completion goal of August 30, 2017.

The Village has resolved all concerns associated with the site preparation, and have started constructing the various elements of the project. We have full confidence that we will be able to complete the project and closeout our contract with the Florida Inland Navigation District in September 2018.

We appreciate our partnership with FIND, and look forward to inviting you when the full project is complete.

If you have any questions or concerns, please do not hesitate to contact me.

Thank you,

Frank Rollason
Village Manager

Mayor
Connie Leon-Kreps

Vice Mayor
Eddie Lim

Commissioner
Jose R. Alvarez

Commissioner
Dr. Douglas N. Hornsby

Commissioner
Andreana Jackson



INDIAN RIVER COUNTY
Environmental Planning & Code Enforcement Section
 1801 27th Street, Vero Beach FL 32960
 772-226-1249 / 772-978-1806 fax
www.ircgov.com

August 14, 2017

Janet Zimmerman
 Assistant Executive Director
 Florida Inland Navigation District
 1314 Marcinski Road
 Jupiter, FL 33477-9427

Re: Request for Project Agreement Extension – Project # IR-15-62
 Archie Smith Fish House Phase IIA Restoration

Dear Janet:

This letter is to formally request a one year extension to the Archie Smith Fish House Phase IIA Restoration Waterways Assistance Program project (# IR-15-62). The extension is requested in that construction of project improvements are not expected to be completed by the September 1, 2017 timeframe of the current project agreement.

Project Status and Anticipated Completion Date

The Archie Smith Fish House Phase IIA restoration project consists of repair and reconstruction of an existing dock and ice house. Indian River County has completed bid documents and building specification, and has advertised for bids. As a result of the bid advertisement, the County has received one bid, which is under review for approval, scope adjustment or rebid. Staff anticipates finalizing the bid and contractor selection in October 2017. Once construction begins, the timeframe for completion is approximately 120 days. As such, completion of the project is anticipated to occur by February/March 2018.

Thank you and FIND for your assistance on this matter. If you have any questions or require more information, please let me know (772/226-1258, rdeblois@ircgov.com).

Sincerely,

Roland M. DeBlois, AICP
 Chief, Environmental Planning
 & Code Enforcement Section

Cc: Stan Boling



August 15, 2017

Janet Zimmerman, Assistant Executive Director
Florida Inland Navigation District (FIND)
1314 Marcinski Rd
Jupiter, FL 33477

Re: IR-15-61 – Round Island Riverside Park – Extension Request

Dear Janet,

Indian River County respectfully requests an extension for the completion of the Round Island Riverside Park grant IR-15-61. Though we are 100% complete with the improvements outlined in the grant agreement, we are still closing out the final paperwork with the contractor for the paving and will be installing the dedication sign in the next few weeks. This extension will enable us to provide all backup and close-out documentation necessary.

Please feel free to contact me at (772) 226-1873 if you have any questions. Thank you.

Sincerely,

A handwritten signature in blue ink that reads "Elizabeth Powell". The signature is fluid and cursive, with the first name and last name clearly distinguishable.

Beth Powell
Conservation Lands Manager
Parks Division
5500 77th Street
Vero Beach, FL 32967
772-226-1873
bpowell@ircgov.com



August 24, 2017

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

RE: Shell Harbor Park – Phase I
Project #VO-15-111
Extension Request

Dear Ms. Zimmerman:

Please accept this letter as our request for an extension for the above referenced project. Completion of the engineering, design, and construction documents phase was delayed due to the County of Volusia's design review process. The extension would provide the necessary resources to complete the process.

Thank you for your consideration of this request and for your continued support of this project. Should you have any questions, or need additional information, please contact me at (386) 736-5953, or via email tbaylie@volusia.org.

Sincerely,

Tim Baylie
Director

From: [Rosen, Alan](#)
To: [Janet Zimmerman](#)
Cc: [Tomlinson, Margaret](#); [Frangoulis, Melissa](#); [Brooks, Theresa](#)
Subject: FIND Riverwalk Extension
Date: Thursday, August 24, 2017 12:51:06 PM

Janet,

Please accept this email as a request for the extension of grant ZO-PO-15-107 (Riverwalk Park North B Phase 2). We need additional time for construction to be completed and to process the final closeout. The contractor has had delays installing the needed utilities. We hope to complete the project by the end of the year, however, just in case there are unexpected delays, we respectfully request a 1 year extension on this project.

Please let me know if you need anything else.

Thanks

Alan Rosen, MPA

Assistant City Manager

City of Port Orange

City Manager's Office

1000 City Center Circle

Port Orange, FL 32129

TEL: 386-506-5501

FAX: 386-756-5208

arosen@port-orange.org

www.port-orange.org



Your e-mail communications may be subject to public disclosure. Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing. The views expressed in this message may not necessarily reflect those of the City of Port Orange. If you have received this message in error, please notify us immediately by replying to this message, and please delete it from your computer.



miamidade.gov

Parks, Recreation and Open Spaces Department

275 N.W. 2nd Street
Miami, Florida 33128
T 305-755-7878

August 18, 2017

Ms. Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road,
Jupiter, Florida 33477-9427

Re: Homestead Wet slips Fenders Construction Phase II - DA-15-193

Dear Ms. Zimmerman:

We are hard at work completing the re-scope for the seawall fenders at the Homestead Bayfront Marina (DA-15-193). The original scope for this grant was completed last year. We requested the re-scope for the remaining funds early in 2017 and anticipate we will be completed with the purchasing and installation of these fenders by the end of this year. We are in the process of purchasing the seawall fenders and expect to have acquired them by the end of September. The installation will take the most time, however, we do believe it can all be completed by December of 2017. This slight delay necessitates us to respectfully request an extension for this project until September 30, 2018. If the extension is granted it will ensure that ample time will be given for the completion of the project, standard close out procedures and reimbursements for the project.

Thank you for your gracious consideration.

Yours Truly,

A handwritten signature in blue ink, appearing to read "Kristina Brown".

Kristina Brown
Grants Administrator





miamidade.gov

Parks, Recreation and Open Spaces Department

275 N.W. 2nd Street
Miami, Florida 33128
T 305-755-7878

August 18, 2017

Ms. Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road,
Jupiter, Florida 33477-9427

Re: Crandon Boat Ramps Construction Phase II - DA-15-189

Dear Ms. Zimmerman:

We wanted to provide FIND with an update on the above-referenced project (Contract #DA-15-189). As per the project manager, this project is 100% complete, however, Miami-Dade County PROS is still pending final drawings from the Contractor as well as waiting on their final invoice so we can release their retainage. Although we don't anticipate this taking much longer to resolve we do want to be cautious and request an extension on the grant so we have enough time to gather the necessary close-out documents. This slight delay necessitates us to respectfully request an extension for this project until September 30, 2018. If the extension is granted it will ensure that ample time will be given for standard close out-procedures and reimbursements for the project.

Thank you for your gracious consideration.

Yours Truly,

A handwritten signature in blue ink, appearing to read "Kristina Brown".

Kristina Brown
Grants Administrator



FLORIDA INLAND NAVIGATION DISTRICT



TO: All FIND Commissioners, Executive Director

FROM: Janet Zimmerman, Assistant Executive Director

DATE: August 25, 2017

SUBJECT: Proposed Language for Assistance Program Rule Changes

COMMISSIONERS

JON NETTS
CHAIR
FLAGLER COUNTY

DON DONALDSON
VICE-CHAIR
ST. LUCIE COUNTY

J. CARL BLOW
TREASURER
ST. JOHNS COUNTY

FRANK GERNERT
SECRETARY
BROWARD COUNTY

T. SPENCER CROWLEY, III
MIAMI-DADE COUNTY

DONALD J. CUOZZO
MARTIN COUNTY

CHARLES C. ISIMINGER
PALM BEACH COUNTY

SUSANNE McCABE
VOLUSIA COUNTY

MICHAEL O'STEEN
DUVAL COUNTY

JERRY H. SANSOM
BREVARD COUNTY

LYNN A. WILLIAMS
NASSAU COUNTY

VACANT
INDIAN RIVER COUNTY

MARK T. CROSLEY
EXECUTIVE DIRECTOR

JANET ZIMMERMAN
ASSISTANT EXECUTIVE
DIRECTOR

In working with the Assistance Program and listening to the Board discussion over the past few months, staff has prepared the following revised rule language for consideration by the Board. The language provided below will be applied to 66B-2 (WAP) rules.

- Add the following language to 66B-2.004(4) Project Accessibility:
 - Public boat ramps and launching facilities, public boat trailer parking areas, and public boat docking and mooring facilities shall be made available to both recreational users and commercial users of the Waterways, provided that the local government may adopt reasonable restrictions on commercial usage and activities by ordinance, resolution or other process which provides an opportunity for input from all affected stakeholders.

CHAPTER 66B-2 WATERWAYS ASSISTANCE PROGRAM

66B-2.004 Policy.

The following constitutes the policy of the District regarding the administration of the program:

(1) Financial Assistance Eligibility: Financial assistance, support and cooperation may be provided to eligible governmental agencies for approved projects as follows:

(a) Member counties may be provided financial assistance, support or cooperation in planning, acquisition, development, construction, reconstruction, extension, improvement, operation or the maintenance of public navigation, local and regional anchorage management, beach renourishment, public recreation, inlet management, environmental education, maritime management plans, and boating safety projects directly related to the waterways.

(b) Eligible local governments may also be provided financial assistance, support and cooperation in planning and carrying out public navigation, local and regional anchorage management, beach renourishment, public recreation, inlet management, environmental education, and boating safety projects directly related to the waterways.

(c) Navigation related districts may be provided with financial assistance to pay part of the costs of the planning and acquisition of dredge material management sites if the Board finds that the site is required for the long-range maintenance of the Atlantic Intracoastal Waterway channel. All such sites must meet the development and operational criteria established by the District through a long-range dredge material management plan for that county. Navigation related districts may also be provided with assistance for waterway related access projects, environmental mitigation projects associated with waterway improvement related activities, and inlet management projects if the Board finds that the project benefits public navigation in the Atlantic Intracoastal Waterway. All navigation related districts shall contribute at least equal matching funds to any District financial assistance provided. Seaports may also be furnished assistance and support in planning and carrying out environmental mitigation projects. All seaport projects shall benefit publicly maintained channels and harbors. Each seaport shall contribute matching funds for funded projects.

(d) Eligible projects shall include the acquisition and development of public boat ramps and launching facilities, including those in man-made, navigable waterways contiguous to “waterways” as defined in Rule 66B-2.003, F.A.C.

(2) Notification: The District will notify by direct mail, email and/or advertised public notice all eligible governmental agencies of the program and the upcoming authorized submission period.

(3) Project Approval: Approval of projects by the District shall be in accordance with these rules.

(4) Project Accessibility: Facilities or programs funded in whole or in part by program funds shall be made available to the general public of all of the member counties on a non-exclusive basis without regard to race, color, religion, age, sex or similar condition. Additionally, facilities funded in whole or in part by program funds, shall not require a paid membership for the general public of all of the member counties as a condition to use the facilities. User or entrance fees may be charged for the use of facilities funded in whole or in part by program funds, however such fees shall be reasonable and shall be the same for the general public of all of the member counties. Public boat ramps and launching facilities, public boat trailer parking areas, and public boat docking and mooring facilities shall be made available to both recreational users and commercial users of the Waterways, provided that the local government may adopt reasonable restrictions on commercial usage and activities by ordinance, resolution or other process which provides an opportunity for input from all affected stakeholders.

(5) Waterway Impacts: All development projects must be designed so as not to impact navigation along the District’s waterways through the placement of structures, attendant uses, or the necessity of a boating speed zone for safety purposes. Before applying for boating speed zone designation in District waterways because of a project funded by this program, the sponsor shall first receive approval from the Board. The Board will use the criteria found in Section 327.46(1), F.S., in determining whether to approve the proposed boating speed zone.

(6) Project Maintenance: The project sponsor shall be responsible for the operation, maintenance, and management of the project for the anticipated life of the project and shall be responsible for all expenses required for such purposes. The project shall be maintained in accordance with the standards of maintenance for other similar local facilities and in accordance with applicable health standards. Project facilities and improvements shall be kept reasonably safe and in reasonable repair to prevent undue deterioration and to encourage public use. The project sponsor shall have full legal authority and financial ability to operate and maintain the project facilities.

(7) Education Facilities and Programs: Waterways related environmental education facilities and programs sponsored by the District shall occur at specially designated environmental education facilities located adjacent and contiguous to the waterways. It is

the District's intent to consolidate its environmental education efforts in the least number of facilities within an area that will adequately serve the education needs of that area of the District.

(8) Public Information Availability: Public information produced with assistance from this program shall not be copyrighted and shall be provided free of cost, except for the cost of reproduction, to the public.

(9) Third-Party Project Operators: Projects that are being operated by a third party shall have sufficient oversight by the eligible project sponsor as determined by the Board. Such oversight, at a minimum, will include a project liaison that is a staff member of the eligible project sponsor, and oversight of the operating hours and admission fees of the facility by the eligible project sponsor through a legal agreement. All third party projects shall be open to the public in accordance with this rule.

(10) Non-compliance: The District shall terminate a project agreement and demand return of program funds disbursed to the project sponsor for non-compliance with any of the terms of the project agreement or this rule, if such non-compliance calls into question the ability of the applicant to complete the project. Failure of a project sponsor to comply with the provisions of this rule or the project agreement shall result in the District declaring the project sponsor ineligible for further participation in the program until such time as compliance has been met to the satisfaction of the District.

(11) Fees: Any public project eligible for District program funds that charges a fee or will charge a fee must create and maintain an enterprise fund for the public project that shall plan for and retain at all times sufficient funds for the on-going maintenance of the facility during its project life. Accounting records of the previous five years of the public project's enterprise fund will be submitted as part of any subsequent assistance program application to the District.

Rulemaking Authority 374.976(2) FS. Law Implemented 374.976(1), (2) FS. History—New 12-17-90, Amended 2-3-94, 2-6-97, Formerly 16T-2.004, Amended 5-18-98, 3-31-99, 5-25-00, 3-21-01, 7-30-02, 3-3-04, 4-21-05, 4-1-09, 2-22-10, 3-7-11, 3-7-12, 1-27-14, 2-17-15.

emented 374.976(1) FS. History—New 3-7-11.

**FLORIDA INLAND NAVIGATION DISTRICT
1314 MARCINSKI ROAD
JUPITER, FL 33414**

REGULATORY PLAN FOR FY 2017-18

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, 2018.

Rule Number	Rule Title	FAC Number	Regulatory Action Anticipated	Statute Implemented
66B-2	Waterways Assistance Program-Policy, Project Accessibility	66B-2.004	Amend rule to clarify the rule	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, 2017, 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 September 8, 2017 meeting.

Jon Netts, Chair
 Board of Commissioners
 Florida Inland Navigation District
 Date: September 8, 2017

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 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 September 8, 2017 meeting.

Peter L. Breton, Esq.
General Counsel
Florida Inland Navigation District
Date: September 8, 2017



August 24, 2017

Mr. Mark Crosley
Executive Director
Florida Inland Navigation District (FIND)
1314 Marcinski Rd
Jupiter, FL 33477

RE: Scope of Professional Engineering Services
Intracoastal Waterway Dredging Efficiencies

Mr. Crosley:

Per your request, we prepared the enclosed scope of work (Attachment A) and cost proposal (Attachment B) to perform a limited dredging efficiency analysis for Florida's Intracoastal Waterway (ICWW). Tasks include a review of (1) available documentation on dredging technology, methodology and disposal placement alternatives; (2) ICWW and Florida's eastern port dredging history and dredging efficiencies as it pertains to the FIND purchase, operation, and maintenance of its owner dredge and potential modification to its contracting methods; and (3) development of a summary report.

Taylor Engineering will perform these services on a cost-plus maximum basis for a total cost of \$53,348.00. If you have any questions concerning this proposal, please contact Lori Brownell, P.E. or me. We can begin work immediately upon your notice to proceed.

Sincerely,

Jerry Scarborough, P.E.
Senior Advisor, Waterfront Engineering

Attachments

SCOPE OF PROFESSIONAL ENGINEERING SERVICES INTRACOASTAL WATERWAY DREDGING EFFICIENCIES

INTRODUCTION

Since its formation in 1927, the Florida Inland Navigation District (FIND) has served as the local sponsor for the 410-mile long federal Atlantic Intracoastal Waterway (AIWW) and Intracoastal Waterway (ICWW) channels. As part of its responsibility as the projects' local sponsor, the FIND provides the U.S. Army Corps of Engineers (USACE) with sites suitable for placing material dredged from the authorized navigation channels. The Federal Government (through the USACE) is legally responsible for maintaining the Federally authorized navigation channel to its authorized dimensions, subject to the availability of funds. However, due to federal budget constraints in recent years, FIND has increasingly supplemented the USACE dredging budget or independently overseen its own projects in order to ensure ICWW navigability. With limited funding available for operation and maintenance of the Federal Navigation Program, the ICWW does not compete well in the navigation business line process where decisions are made as to how the funding should be allocated. This is primarily due to the lack of commercial cargo transiting the waterway and the inability of the USACE to recognize recreational benefits from the ICWW. As a result, FIND spends approximately \$20M each year maintaining the federal channel. These funds are normally split between supplementing the USACE budget for waterway dredging and independently funding FIND-contracted dredging projects.

FIND and USACE dredgers typically use conventional dredging procedures. These basically entail solicitation of competitive bids from dredging contractors and selecting the least cost, technically acceptable bidder. Occasionally, the USACE will use one of its small hopper dredges from the Wilmington District to accomplish smaller dredging jobs where the material can be placed in a nearshore disposal area. Taylor Engineering has been tasked by FIND to investigate if a better, more efficient process may exist that will continue to accomplish the mission of keeping the waterway open for both commercial and recreational navigation going forward. This scope of services provides an initial review of possibilities that may improve on current procedures; however, could lead to a more in-depth evaluation of methods at the Board's discretion.

TASK 1 DOCUMENTATION REVIEW

This task includes collection of data to evaluate available dredging technologies and methodologies and dredged material placement alternatives applicable to the ICWW in Florida.

1.1 Interviews and Data Collection

Taylor Engineering will interview and obtain documentation from leaders within the local, national, and international dredging community. Targeted interaction and information requests — largely including available and upcoming dredging technology, dredging methodology, dredged material placement methods, and contracting methods — will include the following professional associations, public agencies, universities, and dredging contractors:

Table 1. Primary Documentation Collection Contacts

CONTACT	DESCRIPTION	ACRONYM
PROFESSIONAL ASSOCIATIONS	Western Dredging Association	WEDA
	Atlantic International Waterway Association	AIWA
	American Society of Civil Engineers Coasts, Oceans, Ports, River, and Waterway Institute	ASCE COPRI
	Permanent International Association of Navigation Congresses	PIANC
PUBLIC AGENCIES	U.S. Army Corps of Engineers Institute for Water Resources	IWR
	U.S. Army Corps of Engineers Institute Engineer Research and Development Center	ERDC
	Hillsboro Inlet District	--
	Jupiter Inlet District	JID
	St. Augustine Port, Waterway & Beach District	SAPWBD
	Sebastian Inlet District	SID
UNIVERSITIES	Texas A&M University, College Station	--
	Stevens Institute	--
DREDGING CONTRACTORS	Various, likely to include Dredging Contractors of America, Great Lakes Dredge & Dock, Cavache, Southern, Orion, Manson, Weeks, and Jay Cashman	--

1.2 National and International Dredging Technology

Building on our own experience and from the documentation collected in Task 1.1, Taylor Engineering will provide a tabular summary of available national and international dredging technologies and their applicability to dredging requirements and current environmental regulations specific to ICWW. Comparison parameters will include, but not be limited to, the following: dredge type, required draft, availability, advancements, and limitations. Taylor Engineering will eliminate dredge technologies from further consideration if engineering and environmental considerations preclude their application within the ICWW.

1.3 Dredging Methodology and Disposal Placement Alternatives

Building on FIND's Dredged Material Management Plans (DMMPs), Taylor Engineering will review alternative dredging methodology and disposal placement alternatives applicable to the ICWW. The central issue guiding the development of a dredged material management concept — i.e., a guiding set of principles that reflects the attitudes and considerations of the project's local sponsor — for the ICWW is the selection of the most appropriate long-term material management strategy. Previous DMMPs have considered four basic alternatives: (1) ocean disposal, (2) open water placement, (3) beach placement, and (4) centralized upland storage. As part of this review, Taylor Engineering will also evaluate other alternatives for sediment management — thin-layer placement and incorporation of high-frequency shoaling areas into the USACE Regional Sediment Management (RSM) plan.

TASK 2 ICWW DREDGE EFFECIENCY

This task includes a ten-year historical review of ICWW and Florida's eastern ports dredging history and dredging efficiencies as they pertain to FIND's possible purchase, operation, and maintenance of its own dredge and potential modification of its contracting methods.

2.1 ICWW and Port Dredging Review

Building on the historical information collected for the DMMP effort and availability of construction-specific information from FIND and the USACE, Taylor Engineering will attempt to identify the contractor, dredge type, size, and approximate volume dredged from the ICWW from the most recent ten-year dredging cycle (i.e., 2007 – 2016). Compilation of this information will allow a historical perspective of the dredges typically used to maintain the federally authorized navigation depth for each of the 12 FIND counties. This subtask also includes the collection, review, and comparison of information collected from each of the Atlantic coast Port's and Inlet District's, as related to ICWW dredging needs.

2.2 Dredge Efficiency

Building on similar dredge efficiency reports collected from other public agencies with ongoing dredging needs, Taylor Engineering will provide a limited evaluation of whether FIND should further consider the purchase, operation, and maintenance of its own dredge or modify its contracting procedures to (1) change its Request for Qualifications procedure to require contractors to offer advanced technology practices; (2) offer a multi-year contract option with qualified dredgers; or (3) maintain its current open-bid process. Note, this subtask does not include a specific economic breakdown of a proposed FIND dredge acquisition; rather, it provides a general overview of ownership considerations and general costs.

TASK 3 REPORT

3.1 Draft Report

Taylor Engineering will prepare and submit a dredging efficiency report to FIND for review and comment. We anticipate the report will include the following sections: (1) Introduction, (2) Available Dredge Technology and Methodology, (3) ICWW Dredge Efficiency; (4) Contractual Methods; (5) Conclusions and Recommendations, and (6) References.

3.2 Final Report

Within three weeks of receipt of FIND's comments on the draft report Taylor Engineering will prepare and submit the revised final report to FIND. This submittal will include an electronic copy of the report, as well as an electronic file, neatly and succinctly organized, of all documents collected and used in the preparation of the document.

ESTIMATED SCHEDULE

No.	Task	Months from Notice to Proceed					
		1	2	3	4	5	6
1	Documentation Review						
2	ICWW Dredge Efficiency						
3	Report						

TAYLOR ENGINEERING, INC.
COST SUMMARY BY TASK
P2017-153: INTRACOASTAL WATERWAY DREDGING EFFICIENCIES

TASK 1: Documentation Review

<i>Labor</i>	Hours	Cost	Task Totals
Senior Advisor	40.0	7,720.00	
Director	60.0	10,380.00	
Project Professional	56.0	6,272.00	
Project GIS Specialist	0.0	-	
Administrative	12.0	648.00	
Total Man-Hours	168.0		
Labor Cost			25,020.00
<i>Total Task 1</i>			25,020.00

TASK 2: ICWW Dredge Efficiency

<i>Labor</i>	Hours	Cost	Task Totals
Senior Advisor	16.0	3,088.00	
Director	24.0	4,152.00	
Project Professional	32.0	3,584.00	
Project GIS Specialist	0.0	-	
Administrative	8.0	432.00	
Total Man-Hours	80.0		
Labor Cost			11,256.00
<i>Total Task 2</i>			11,256.00

TASK 3: Report

<i>Labor</i>	Hours	Cost	Task Totals
R. Bruce Taylor, Ph.D.	2.0	620.00	
President	2.0	480.00	
Vice President	4.0	784.00	
Senior Advisor	12.0	2,316.00	
Director	28.0	4,844.00	
Project Professional	52.0	5,824.00	
Technical Editor	16.0	1,664.00	
Project GIS Specialist	0.0	-	
Administrative	10.0	540.00	
Total Man-Hours	126.0		
Labor Cost			17,072.00
<i>Total Task 3</i>			\$ 17,072.00

Project Total \$ 53,348.00

ALCALDE & FAY
GOVERNMENT & PUBLIC AFFAIRS CONSULTANTS

August 24, 2017

MEMORANDUM

TO: Mark Crosley, Executive Director
Janet Zimmerman, Assistant Executive Director

FROM: Jim Davenport

SUBJECT: Federal Legislative Report

House FY 2018 Energy and Water Appropriations Bill Passed Before Recess

Prior to recess, the House passed a \$790 billion spending package for FY 2018 that included the Energy and Water Appropriations Bill. However, the Senate is not likely to consider it since Democrats in the upper chamber will filibuster the measure. Senate Minority Leader Chuck Schumer (D-NY) said that his caucus will not help Republicans get to the 60-vote threshold needed to bypass a filibuster in the upper chamber. Ranking Member of the Senate Military Construction and Veterans Affairs Subcommittee Sen. Brian Schatz (D-HI) echoed the Minority Leader's statements saying the bill was "dead on arrival."

The House and Senate are likely to approve a short-term measure at the end of the year that is part of a broad agreement between both parties to undo federal budget caps on both domestic and military spending (the current package exceeds these caps by \$72 billion). However, elements of the House-passed bill could make it into the final spending bill by the end of the fiscal year in September. One complicating factor in passing appropriations legislation is the President's insistence on including funding for a border wall, which is not a popular request with the Congress.

As you know from our last report, the Energy and Water section of the bill includes the following items that are of interest to FIND:

- \$3.56 million for the Intracoastal Waterway;
- \$2.224 million for the Atlantic Intracoastal Waterway;
- \$8.4 million for Navigation Maintenance (much lower than past years);
- \$25 million for inland waterways; and
- \$20 million for small, remote, subsistence navigation.

The Senate Energy and Water Appropriations Bill, which is yet to be considered by the Senate, includes funding for the following navigation items of interest to FIND:

- \$3.56 million for the Intracoastal Waterway;
- \$2.224 million for the Atlantic Intracoastal Waterway;
- \$23 million for Navigation Maintenance;
- \$13.5 million for inland waterways (lower than past years); and
- \$51 million for small, remote, subsistence navigation (higher than past years).

Please contact us with any questions.