

**Board of
Commissioners Meeting
August 17, 2013**

PRELIMINARY AGENDA

FLORIDA INLAND NAVIGATION DISTRICT Board of Commissioners Meeting

9:00 a.m., Saturday, August 17, 2013

**Holiday Inn & Suites Oceanside
3384 Ocean Drive
Vero Beach, Indian River County, Florida 32963**

Item 1. Call to Order.

Chair Kavanagh will call the meeting to order.

Item 2. Pledge of Allegiance.

Commissioner Dritenbas will lead the pledge of allegiance to the United States of America.

Item 3. Roll Call.

Secretary Cuozzo 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 Committee to discuss in depth. Any items removed would then be included in the regular agenda in an order assigned by the Chair.

(Consent agenda follows colored page)

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. Board Meeting Minutes.

The minutes of the following meetings are presented for approval. Pursuant to Florida Statutes, staff will read all of the Memorandums of Voting Conflict files by commissioners at the June meeting that were NOT received prior to that meeting.

- June 21, 2013 Finance and Budget Committee Mtg. (Please see back up pages 7 - 13)
- June 21, 2013 Board Meeting Minutes (Please see back up pages 14 -55)
- June 22, 2013 Board Meeting Minutes (Please see back up pages 56 - 89)
- July 19, 2013 Board Meeting Minutes (Please see back up pages 90 - 115)
- July 19, 2013 Property Acquisition & Mgt. Committee (See back up pages 116 - 123)

RECOMMEND: Approval of the minutes as presented.

Item 7. Public Comments.

The public is invited to provide comments on issues that are NOT on today's agenda.

Item 8. Staff Report on Indian River County Area Projects.

Staff will present a report on the District's Indian River County area projects.

(Please see back up pages 124 - 139)

Item 9. Major Project Agreement Cost Modification, Jupiter Ridge Shoreline Restoration (Project #PB-10-147) Waterways Assistance Program, Palm Beach County.

Palm Beach County Environmental Resources Management (ERM) has requested a major project cost modification to the Jupiter Ridge Shoreline Restoration project agreement. The actual cost for the shoreline stabilization element of the project was well under the original cost estimate. The reduced cost savings of \$496,884.40, resulted from a lower bid, as well as the removal of a project element that included spartina and mangrove plantings. The County is requesting an increase in the original project cost-share percentage from 33.8%, to the 50% allowed by our program rules. All project costs would then be cost-shared equally at 50/50. This proposed modification does not increase the District's total expenditures on this project.

(Please see back up page 140 - 142)

RECOMMEND: Approval of a major project agreement cost modification to increase the cost share percentage to 50% for the Palm Beach County Jupiter Ridge Shoreline Restoration Waterways Assistance Program project.

Item 10. **Major Project Cost Modification, Waterway Park Design and Permitting Phase I (Project # PB-10-149), Waterways Assistance Program, Palm Beach County.**

Palm Beach County Parks & Recreation Dept. has requested a major project cost modification to the Waterway Park Design and Permitting Phase I project agreement. The County is dropping some cost and is not requesting reimbursement of pre-agreement costs. The remaining costs shown on the revised cost estimate are requested at a 50% cost-share, an increase from the original 23.3% in the current project agreement. This proposed modification does not increase the District's total expenditures on this project.

(Please see back up page 143 - 146)

RECOMMEND Approval of a major project agreement cost modification to increase the cost share percentage to 50% for the Palm Beach County Waterway Park Design and Permitting Phase I, Waterways Assistance Program project.

Item 11. **Approval of Miami-Dade County DERM's Scope of Work and Fee Services for Survey and Monitoring Work Necessary for the USACE Dredging Project in the IWW in the Vicinity of Baker's Haulover Inlet.**

To support the USACE efforts to dredge the Intracoastal Waterway in the vicinity of Baker's Haulover Inlet, FIND will need to contract for survey and monitoring services. The Miami-Dade County Department of Environmental Protection (DERM) has successfully performed this work for the District in the past. The USACE supports DERM conducting this work, and the agencies have worked well together in the past. Utilizing the County will simplify the process and provide the additional required services necessary to complete the project.

(see back up pages 147 - 154)

RECOMMEND: Approval of a Scope of Work and Fee Services with Miami-Dade County DERM in the amount of \$53,935.00 to conduct required survey and monitoring services for the USACE IWW dredging project in the vicinity of Baker's Haulover Inlet.

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Item 12. Seagrass Survey Services for the IWW in the Vicinity of Jupiter Inlet.

To support the USACE efforts to dredge the Intracoastal Waterway Cuts P-1 through P-4 in the vicinity of Jupiter Inlet, FIND will need to conduct seagrass surveys as part of the FDEP permit conditions. Staff has solicited our 4 approved seagrass survey contractors for a bid for this work. Staff will present the results of the bids at the Board meeting.

(Please see back up pages 155 - 169)

RECOMMEND: Approval of the qualified low bidder for seagrass survey work for IWW dredging in the vicinity of Jupiter Inlet.

Item 13. Post-Project Seagrass Survey Services for the IWW at Crossroads in the Vicinity of St. Lucie Inlet.

Staff has received a fee quote to conduct the required post seagrass surveys for the recently completed Crossroads dredging project in the vicinity of St. Lucie Inlet. This contractor performed the pre-dredge survey.

(Please see back up pages 170 – 177)

RECOMMEND: Approval of the qualified bid from Dial-Cordy in the amount of \$13,000.⁰⁰ for post-project seagrass survey work for the IWW at Crossroads.

Item 14. Agreement with Tierra South Florida for Removal of Material at the Port Everglades DMMA for the Dania Cutoff Canal Project.

Utilization of the Dredge Material Management Area at Port Everglades resulted in some elevated levels of arsenic in soils in the floor of the basin. As per our agreement with the Port, the District will remove the soil and replace it with clean fill. Tierra South Florida (TSF) has provided a scope of work and fee quote. Staff has reviewed the proposal and determined it is reasonable.

(Please see back up pages 178 - 182)

RECOMMEND: Approval of the scope of work and fee quote from Tierra South Florida in the amount of \$15,000.00 for evacuation and disposal of soils from the Port Everglades DMMA.

Item 15. Assistance Project Extension Requests.

Several Project Sponsors have requested extensions of their FY 2011-12 project agreements. By law and District program rules, these agreements can be extended for one additional year (Revised expiration date: Sept. 30, 2014).

(Please see back up pages 183 - 203)

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

Item 16. Assistance Program Review.

Every year, upon completion of the assistance program application cycle, the District notes the Commissioner's comments and reviews the assistance program rules for changes that would improve the process for the District and the applicants. Based on comments at our last meeting, staff has prepared specific rule language (shown for the Waterways Assistance Program (WAP) and updated the assistance program application and evaluation worksheet (for WAP). It is staff's intention to also make the approved changes to the Cooperative Assistance Program rules and worksheet, as applicable.

(Please see back up pages 204 - 225)

RECOMMEND: Approval of the proposed rule language and worksheet changes for the initiation of rule making.

Item 17. Letter of Inquiry: SJRWMD Feasibility Determination for the Potential Utilization of DMMA BV-40 and BV-52 for the Proposed Eau Gallie River Dredging Project.

The District staff has received a letter of inquiry from the St. Johns River Water Management District staff concerning the potential utilization of our Dredge Material Management Areas (DMMA) BV-40 and BV-52. These sites would be utilized for dredge material management for the future dredging of the Eau Gallie River basin. Should the utilization of our site prove feasible, staff will return to the Board at a later date with a detailed plan and lease agreement.

(Please see back up pages 226 - 229)

RECOMMEND: Approval of the SJRWMD request to determine the feasibility of utilizing DMMA's BV-40 & BV-52 for the Proposed Eau Gallie River dredging project.

Item 18. 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 their agenda.

(Please see Finance and Budget Committee Agenda Package)

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

Item 19. Washington Report.

The District's Washington DC government relations firm has submitted a status report on their activities on the District's federal issues.

(Please see back up page 230)

Item 20. Additional Staff Comments and Additional Agenda Items.

Item 21. Additional Commissioners Comments.

Item 22. Adjournment.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Finance and Budget Committee Meeting

8:30 a.m., Friday, July 19, 2013

Hampton Inn

19 South Second Street

Fernandina Beach, Nassau County, Florida

ITEM 1. Call to Order.

Chair Chappell called the meeting to order at 8:36 a.m.

ITEM 2. Roll Call.

Assistant Executive Director Janet Zimmerman called the roll and Chair Chappell, Commissioner Blow, Commissioner Bowman, Commissioner McCabe, and Commissioner Sansom were present. Ms. Zimmerman stated that a quorum was present.

ITEM 3. Election of a New Committee Chair.

Commissioner Sansom nominated Commissioner Blow as the new Finance and Budget Committee Chair. The motion was seconded by Commissioner Bowman. Chair Chappell asked for any further discussion, hearing none, a vote was taken and the motion passed.

Vice-Chair Chappell turned the meeting over to Chair Blow.

ITEM 4. Additions or Deletions.

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 and noted that he distributed a revised balance statement.

Commissioner Sansom made a motion to approve the final agenda as presented. The motion was seconded by Vice-Chair Chappell. Chair Blow asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 5. Financial Statements for May of 2013.

Chair Blow presented the District's financial statements for May of 2013.

Mr. Roach stated that the District's SBA unrealized gain is \$14,266.68. Chair Blow asked if the SBA funds are still frozen. Mr. Roach stated that the funds are still frozen, but that the flow-back is increasing. He noted that the SBA is now marketable.

Commissioner Bowman asked about the \$15 million CD that is coming up for renewal. Mr. Crosley stated that Mr. Scambler will shop around for the best interest rate.

Commissioner Bowman suggested that staff get in touch with him about this CD renewal.

Commissioner Sansom suggested that staff talk to Commerce Bank in Melbourne.

Commissioner Bowman made a motion to approve a recommendation to the full Board of the financial statements for May of 2013. The motion was seconded by Commissioner Sansom. Chair Blow asked for any additional discussion. Hearing none, a vote was taken and the motion passed.

ITEM 6. May 2013 Expenditure and Project Status Report.

Mr. Roach presented the Expenditure and Project Status Report for May 2013 and stated that the District currently has \$57.4 million in contracted expenditures and of that \$26 million has been executed. He asked if there were any questions. There were none.

ITEM 7. Delegation of Authority Report.

Chair Blow referred to the Executive Director's Delegation of Authority actions and stated that eight actions were taken from June 5 through July 5, 2013 and are presented for Committee review.

Mr. Roach referred to Item 3, an emergency contract in the amount of \$12,000 with Dial Cordy & Associates for a pre-construction seagrass survey in support of the Crossroads dredging contract. He stated that his authority is for \$10,000 and if there is an emergency situation, he is authorized for \$20,000.

Mr. Roach referred to Item 6 and stated that that ESRI maintenance agreement was actually \$4,500 not \$10,000 as listed.

Commissioner Bowman questioned when Mark Crosley shall be given Delegation of Authority. Mr. Roach stated that will happen today.

Vice-Chair Chappell asked if the pre-seagrass survey was a permitting requirement. Mr. Roach answered yes.

Vice-Chair Chappell asked if the District has finished with the Port Everglades Dredged Material Management Area (DMMA). Mr. Roach stated that we have finished using the DMMA and we are waiting for the grass to seed. He stated that we will be excavating and remediating the soil at the main offloading spot because of a slight arsenic elevation.

ITEM 8. Tentative Budget for FY 2013-2014.

Mr. Roach stated that staff has prepared a Tentative FY 2013-2014 budget for Committee review and approval.

Mr. Roach stated that the District has proposed a millage rate of 0.0345 and that is the same as last year. He stated that this is the 16th year in a row that the District has reduced or kept the millage rate the same. He stated that with this proposed millage rate, staff projects the FY 2013-2014 tax revenue to be \$21.1 million.

Mr. Roach stated that in total, the District's FY 2013-2014 budget is \$83,764,019 and includes 190 infrastructure development projects which are expected to generate 6,075 jobs, with a total capital improvement investment of \$243 million when partnership funding is included.

Mr. Roach stated that the District will receive an estimated \$25.3 million in new revenue and we have an estimated \$59 million in carry forward committed funds. He stated that the District has approximately \$42 million in the Capital Operations and Waterway Studies budget.

Mr. Roach stated that the proposed Waterways Assistance Program budget is \$38 million.

He stated that the District's projected revenue for FY 2013-2014 includes new taxes in the amount of: \$21.1 million, investment interest \$250,000, sale of V-26 payment \$339,000, Corps' project refund, \$1.1 million, and Broward County refund of \$2.5 million. He stated that these items total \$25.3 million in revenue.

Vice-Chair Chappell asked about federal funding for the Intracoastal Waterway (IWW). Mr. Roach stated that both the House and the Senate have caretaker funding in the amount of \$250,000 for the Corps' IWW projects. He also stated that there is the possibility of additional mini-pot funding for the Corps.

Mr. Roach stated that the FY 2013-2014 District's Administration budget is approximately \$200,000 less because the District will be losing one employee and we are not carrying forward the SBA Fund B unrealized loss.

Vice-Chair Chappell asked if the Travel and Per Diem budget includes Commissioners. Mr. Roach stated that it includes all District travel.

Mr. Roach stated that the District's Operations budget includes funding for the deepening of the Intracoastal Waterway (IWW) in Broward County. He stated that the District has been accumulating funds over several years for this proposed project, which is an expensive project and we are in the process of obtaining the Corps and County permits. He stated that the budget also includes funding for the IWW Reach I Dredging in Indian River County. He stated that the Corps is working on the Plans and Specifications for this project. He stated that the remaining budget includes: a dredging general account, site maintenance, spoil island enhancement, waterway cleanups, disaster relief and small scale-derelict vessel removal.

Commissioner Sansom asked how much funding is currently in the IWW Dredging General account. Mr. Roach stated that currently, there is \$1.1 million in that account and we will be adding \$2.5 million from the return of the Port deposit. He stated that we are not carrying forward funding in that account. Commissioner Sansom asked why we are not carrying forward that funding. Mr. Roach stated that the funding will be transferred to the District's dredging general account and disbursed for the Ponce Inlet project before the end of FY 2012-2013.

Mr. Roach stated that the District's Capital Programs budget includes funding to; design two sites, test planting for future mitigation for SJ-14, construction of Dredged

Material Management Area (DMMA) FL-3 and DMMA O-7, and the purchase of a site in Clewiston for the OWW.

Mr. Roach referred to the District's Waterway Studies budget and noted that it includes carry forward funding for GIS, Waterway Plans, seagrass surveys and mitigation plans. He stated that new funding has been proposed to continue channel surveys and Dredged Material Management Plan updates.

Mr. Roach stated that currently the District does not have any Interlocal Agreements, but several of this year's grant applicants may qualify for that program.

Mr. Roach stated that the proposed Waterways Assistance Program budget is \$13.5 million, with \$24.6 million in carried forward funding.

Mr. Roach stated that the proposed Cooperative Assistance Program budget is \$75,000, with \$489,000 in carried forward funding.

Mr. Roach stated that the proposed Public Information budget is \$97,000, with \$68,308 in carried forward funding. He stated that this funding includes, the FIND Display, Manatee Zone Brochures, Boaters Guides, Community Outreach Events, and Records Management.

Vice-Chair Chappell noted that the Waterway Inspection Trip is planned for February and he questioned if that is when we will be scheduling that trip. Mr. Roach stated that is when staff begins coordinating that trip, he noted that it takes staff several months to plan the trip. Commissioner Sansom noted that the tour should not be scheduled for April during the Legislative session because we do not want to exclude the representatives from the trip.

Commissioner Sansom made a motion to approve a recommendation to the full Board to keep the District's millage rate at 0.0345 and of the Tentative Budget for FY 2013-2014. The motion was seconded by Vice-Chair Chappell. Chair Blow asked for any additional discussion, hearing none a vote was taken and the motion passed.

ITEM 9. Additional Agenda Items or Staff Comments.

Chair Blow asked if there were any agenda items or staff comments. There were none.

ITEM 10. Additional Commissioners Comments.

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

ITEM 11. Adjournment.

Chair Blow stated that hearing no further business the meeting was adjourned at 8:56 a.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Board of Commissioners Meeting

9:03 a.m., Friday, June 21, 2013

Courtyard by Marriott

3435 North Atlantic Avenue (S.R. AIA)

Cocoa Beach, Brevard County, Florida

ITEM 1. Call to Order.

Chair Kavanagh called the meeting to order at 9:04 a.m.

ITEM 2. Pledge of Allegiance.

Commissioner Sansom led the pledge of allegiance to the flag of the United States of America.

ITEM 3. Roll Call.

Secretary Cuozzo called the roll and Chair Kavanagh, Vice-Chair Chappell, Treasurer Blow, Commissioner Crowley, Commissioner Isiminger, Commissioner McCabe, Commissioner Netts, Commissioner Sansom, and Commissioner Williams were present. Secretary Cuozzo stated that a quorum was present. Also in attendance were Assistant Executive Director Mark Crosley, Assistant Executive Director Janet Zimmerman, Brenda Sullivan, Information Manager, and Attorney Peter Breton.

The following visitors were present: Mr. James Gibson, Florida Department of Environmental Protection; Mr. Matt Culver and Mr. Terry Stoms, Brevard County; Mayor Dave Netterstom, Mr. Wayne Carragino, and Mr. Raj Verma, City of Cocoa Beach; Ms. Susan McGrady and Ms. Charlene Neuterman, City of Cocoa; Ms. Sueann

Thomaston, City of Melbourne; Ms. Kerry Storms, City of Satellite Beach; Ms. Beth Lemke and Mr. Rick Rice, City of Daytona Beach; Mr. Shailesh Patel, Mr. Kyle Fegley, and Mr. Khalid Resheidat, City of New Smyrna Beach; Mr. Kent Donahue, City of Port Orange; Ms. Bobbi Kennedy, Volusia County; Mr. Tim Fleming and Mr. Jerry Dixon, City of St. Augustine; Mr. Michael Purnell and Mr. Kevin Harvey, St. Johns County Airport Authority; Mr. Wil Smith, St. Johns County; Mr. Carl Cote, City of Palm Coast; Mr. Joe Springer, City of Fernandina Beach; Mr. Jeff Geimer, City of North Miami; Mr. David Frodsham, Town of Surfside; Mr. Bob Weinrib and Mr. Stephen Bogner, City of Miami; Mr. Douglas Seaman, Ms. Judy Hoanshelt, and Mr. John Oldenburg, City of Miami Beach; Ms. Joyce Denny, Ms. Kathy Haley, Ms. Gina Drakes, Mr. Mike Ruze, and Ms. Sherri Fisher; Miami-Dade County Parks; Ms. Lana Moorey, Miami-Dade County.

ITEM 4. Consent Agenda.

Chair Kavanagh noted that the new Committee Assignments are included in the Consent Agenda. She asked if there were any comments or questions regarding the Consent Agenda.

Commissioner Sansom made a motion to approve the consent agenda as presented. The motion was seconded by Treasurer Blow. Chair Kavanagh asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 5. Additions or Deletions.

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

Mr. Crosley stated that staff does not have any additions or deletions to the agenda.

Commissioner Netts made a motion to approve the final agenda as presented. The motion was seconded by Vice-Chair Chappell. Chair Kavanagh asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 6. Finance and Budget Committee Report.

Vice-Chair Chappell stated that the District's Finance and Budget Committee met before today's Board meeting. He noted that the Committee reviewed and recommends approval of the April 2013 financial information and they approved the execution of the Memorandum of Agreement for Cost Sharing of Homestead Exemption Fraud Audit Program for Flagler County.

Vice-Chair Chappell made a motion to approve the District's April 2013 financial information and the execution of the Memorandum of Agreement for Cost Sharing of Homestead Exemption Fraud Audit Program for Flagler County. The motion was seconded by Commissioner Sansom. Chair Kavanagh asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 7. Board Meeting Minutes.

Chair Kavanagh asked if there were any comments or questions regarding the Board meeting minutes.

Treasurer Blow made a motion to approve the May 17, 2013 meeting minutes as presented. The motion was seconded by Commissioner Sansom. Chair Kavanagh asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 8. Public Comments.

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

Mr. Palmer Wilson, 101 Donlon Drive, New Smyrna Beach, Florida, stated that he is a boater and avid waterway user. He stated that FIND's projects to promote waterway access are important and he supports the District's work to maintain the waterway and waterway access projects.

Mr. Wilson noted that the City of New Smyrna Beach has been denying public access to projects that the District has previously funded. He stated that when the application for funding was made, they were presented as waterway public access projects. He stated that now, the city has no trespassing signs posted on those facilities. He stated that one public dock is used for a water taxi service that also allows for other boater access. He stated that he spoke with District staff and has sent pictures of the docks and projects in question.

Mr. Wilson asked that the District make sure that all previously funded and new grant applications from the City of New Smyrna Beach operate as they state in their application and allow true public access to those facilities.

Commissioner Sansom asked if this information has been documented. Mr. Crosley answered yes and stated that staff has been working with the city to resolve this issue.

Commissioner Crowley asked what the District is doing to resolve this issue. Mr. Crosley stated that one of the docks was locked and we were informed by the city that it was only locked at night for security issues. He stated that staff will continue to work with the city to make sure they continue to allow public docking at this facility. He stated that the issue with the water taxi is more complicated because it is an area that the city wants the water taxi to use. He stated that dock was originally a day dock. He stated that

staff has reviewed the rules and the action does not violate the District's program rule at this time. He stated that we are currently working with the city and the citizens to resolve this issue.

Commissioner McCabe stated that part of the problem has been an assumption that the water taxi has a priority use of the dock, which could be a lack of communication between the user and the city. She stated that the water taxi should not be working under the assumption that they have priority.

Mr. Wilson stated that the Florida Department of Environmental Protection (FDEP) has investigated the use of the dock and has declared it to be a leased dock. The FDEP has withdrawn the city's free submerged land lease and has made them pay for that lease.

ITEM 9. Staff Report on Brevard County Area Projects.

Mr. Crosley stated that Phase I of the Dredged Material Management Plan for the Intracoastal Waterway (IWW) in Brevard County was completed in 1989. He stated that this plan identified an estimated dredging requirement of approximately four million cubic yards of material in approximately 72 miles of channel over the next 50 years, divided into six dredging reaches to maintain the authorized federal channel depth of minus-12 feet. He stated that Phase II of the DMMP was completed in 1994 and identified eight properties for the development of Dredged Material Management Areas (DMMA's). He stated that all major land acquisition was completed by 1997.

Mr. Crosley stated that the 50-year storage projection for the 70 miles of channel in Brevard County is 7.6 million cubic yards, the third highest of the District's 12

counties. He stated that currently, there are no waterway dredging projects scheduled in Brevard County.

Mr. Crosley stated that Dredged Material Management Areas (DMMA) BV-2C, BV-NASA, and BV-52 have been fully constructed. He stated that DMMA's BV-4B, BV-R, BV-11, and BV-40 have had Phase I development. He stated that preliminary discussions with the St. Johns River Water Management District to construct and utilize DMMA BV-40 for the future Eau Gallie River dredging project have been initiated. He stated that DMMA BV-24 may be exchanged with Brevard County to preserve its scrub jay habitat.

Mr. Crosley stated that the Brevard County Waterways Economic Study was completed in 2003 and it found that there were approximately 407 waterway-related businesses in the county. He stated that the study was updated in December, 2011 and it found that waterway related businesses employed around 3,652 people, with salaries estimated to total \$122 million and a total economic impact of \$580 million, and tax revenue generated of \$21.5 million. He stated that the 2007 recession caused a loss of 5,936 jobs and \$936 million in waterway related sales. He stated that currently there are more than 33,000 registered vessels in the county.

Mr. Crosley stated that since 1986, the District has provided \$10 million in Waterways Assistance Program funding to 114 projects in the county having a total constructed value of \$28 million as well as the Cooperative Assistance and Interlocal Agreement Programs. He stated that the District has been active in the Keep Brevard Beautiful program for over fifteen years and continues to be active in that program. He stated that in addition to several assistance program grants for derelict vessel removal,

Brevard County has also successfully applied for two projects through the Small Scale Derelict Vessel Removal Program. He asked for questions.

Commissioner Sansom stated that one of the issues is the Intracoastal Waterway (IWW) is considered a low commercial use waterway by the Federal Government and the U. S. Army Corps of Engineers. He stated that funding is based on commercial traffic and tonnage use of the waterway, and recreational waterway use is considered a low priority for Federal funding. He stated that Port Canaveral may be establishing a rail barge line that will connect from Port Canaveral to the basin at the former FP&L Power Plant. He stated that this project has the potential to generate 171 million ton miles. He stated that this will help document how useful the District's waterways are.

ITEM 10. FY 2013-2014 Cooperative Assistance Program Application Presentations.

Chair Kavanagh outlined the presentation scheduling and stated that each applicant will be allowed five minutes for their presentation followed by five minutes of commissioner questions and discussion.

Chair Kavanagh 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 stated that it is important that this meeting stay on schedule.

Chair Kavanagh 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 10.1 Hugh Taylor Birch State Park Boat Dock, Phase I, Florida Department of Environmental Protection.

Attorney Breton stated that Vice-Chair Chappell has declared a Conflict of Interest in this project and has expressed the desire to participate in the discussion, but that he will not vote or rank this application. He stated that in accordance to procedures, the content of the memorandum must be read aloud to the public. Attorney Breton read out loud that memorandum.

Mr. James E. Gibson, for the Florida Department of Environmental Protection (FDEP), Hugh Taylor Birch State Park, presented the Phase I application to design, engineer, and permit a day boat dock along the Intracoastal Waterway (IWW) at Hugh Taylor Birch State Park. He stated that this new facility would allow the public to access the park from the water and become a public boater destination. He stated other elements of the project include a waiting shelter, interpretive kiosk, and a separate water taxi loading area.

Treasurer Blow asked if the interpretive kiosk could include information on how the IWW was created and the current maintenance requirements. Mr. Gibson answered yes.

Vice-Chair Chappell stated that future applications for this park will be for seawall construction and an educational facility. He stated that future plans will make this park more attractive to residents and tourists.

ITEM 11. FY 2013-2014 Waterway Assistance Program Application Presentations.

Mr. Crosley stated that for a project to remain eligible for funding, it must obtain a total score of 35 or above. He informed commissioners that their scoring sheets are due back to him by July 8th.

Treasurer Blow asked if the minimum score a project can receive is 16 points. Mr. Crosley answered yes.

Commissioner Netts stated that he will have to leave before all the project presentations have been made. He asked if he can rank the projects when he is not present for the applicant's presentation. Mr. Crosley stated that staff recommends that commissioners only rank the applications that they are present for the presentation. He noted however, stated that commissioners can rank any projects they want.

Commissioner Crowley stated that in the past he has missed some presentations and he scored the application on the information submitted by the applicant.

ITEM 11.1. Griffis Landing at Blue Crab Cove, Phase B-II, Brevard County.

Mr. Matt Culver, for Brevard County, presented the Phase B-II application for the construction of site improvements to a 2.74 acre working waterfront property along the Indian River Lagoon. He stated that FIND helped to purchase part of this site with a previous application several years ago. He stated that this property is home to two active fish businesses and is also highly used by recreational fishermen. He stated that the proposed upgrades include improvements to the damaged boat ramp and finger piers, temporary dockage, cleaning stations, storage areas, pedestrian walkways, utilities, restroom, parking and an educational facility. He noted that FIND funding will not be

used for project elements that are not within the site footprint. He noted that this site is the last working waterfront within Brevard County on the Indian River Lagoon.

Secretary Cuozzo stated that he really likes this project and asked how the parking for the commercial users would be separated from the public/recreational boat ramp user parking. Mr. Culver stated that we plan to implement a commercial user decal system.

Commissioner Sansom stated that he is actively involved in the project design of this exciting project and noted that this facility is one of three state approved working waterfronts. He stated that the State of Florida participated in the property acquisition with funding. He stated that this site is large enough for future boat/trailer parking development.

Secretary Blow stated that St. Augustine has a similar facility and he noted that the commercial fishermen usually work on the weekdays and the recreational users are at the facility during the weekend. He noted that there has not been a parking or user problem.

Commissioner Sansom stated that property north of this site includes a marina that is owned by the condominium. He stated that the county has worked with the condominium Board and they have agreed to make a portion of the 135 permitted slips available for public use. He stated that future plans include installation of a public boat ramp at that location.

ITEM 11.2. John Jorgensen's Landing Boat Ramp Dock Replacement, Brevard County.

Mr. Terry Stoms and Ms. Marshall Cantrell, with Brevard County, presented the application to replace the crossties, stringers, and rub rails for the north and south docks

at John Jorgensen's Landing Boat Ramp. Mr. Stoms stated that this park is located on the Indian River Lagoon and is a very popular boating area.

Commissioner Sansom stated that the current docks have deteriorated due to heavy boater use and recent storm events. He stated that this is a much needed project at a popular boat ramp. He noted that the Christenson's Landing Park improvements have provided some relief at this park, but these dock repairs are much needed.

Commissioner Isiminger asked if this is a two-lane boat ramp. Mr. Stoms answered yes, one boat ramp on each side. Commissioner Crowley asked if the regulatory agencies are requiring the docks be constructed with composite decking. Mr. Stoms answered no and stated that we are using it because it has proven to be durable at other Brevard County facilities.

ITEM 11.3. POW/MIA Park Channel Dredging, Phase 1, Brevard County.

Mr. Terry Stoms, with Brevard County, presented the Phase I application to engineer, plan, and permit for the dredging of the access channel at POW/MIA Park, which is located on the Indian River Lagoon. He stated that this park has a two-lane boat ramp facility with a loading dock, parking for 42 cars and 37 boat/trailers, a restroom, and community building. He stated that just off of the boat ramp is a coquina ledge that boaters are hitting and damaging their boat during their launch activity. He stated that the proposed dredging project will excavate and mark a 25 foot-wide channel from the existing ramp out to the first Manatee Zone sign near the IWW with a controlling depth of five feet. He stated that this is an important project because in this area of the county there is a wide gap between boat launching facilities and noted that the only other boat

launch in this area is 11 miles away. He stated that this is a heavily used public park that is also used by emergency personnel for training and rescue.

Commissioner Sansom stated that because the environmental rules have changed a little, we will be able to dredge this basin for a proper launching channel. He stated that this will provide for easier and safer boat launching for boaters.

ITEM 11.4. Public Spoil Site Development, Phase II, City of Cocoa Beach.

Mayor Dave Netterstom, for the City of Cocoa Beach, stated that he would like to welcome the District to the City of Cocoa Beach and he thanked the Board for their support the of the city's projects.

Mr. Wayne Carragino and Mr. Raj Verma, presented the Phase II application for the development and construction of a spoil site to be used to place material from the dredging of the 200 Channel within the City of Cocoa Beach. Mr. Verma stated that the dredging will be completed within two years and will be a separate project.

Commissioner Sansom stated that this project will help the City of Cocoa dredge the waterway to provide access to boaters. He stated that this is an important project to the city.

ITEM 11.5. Lee Wenner Park Renovation, Phase I, City of Cocoa.

Ms. Susan McGrady and Ms. Charlene Neuterman, for the City of Cocoa, presented the Phase I application to design and engineer an 15-foot extension of the current T-Dock to provide access to a deeper channel between the park and the IWW, to renovate the fishing pier, and to develop a riverfront connector that will access to the Cocoa Village Marina. Ms. McGrady stated that other amenities at this 11.5 acre park include a pavilion, grills, picnic areas, restroom, playground, a walkway, and a

boardwalk. She stated that the boardwalk extends to Cocoa Riverfront Park and the Historic Cocoa Village. She stated that this is a popular and well used facility.

Treasurer Blow noted that tourist bed tax funds can be used to build and renovate fishing piers in a county of less than 750,000 citizens. He stated that may be another source of funding for this project.

Commissioner Sansom stated that the District participated in the Lee Wenner Park dredging project last year 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.

Commissioner Crowley stated that part of the proposed walkway will go under Highway 520 and that will require working with the Florida Department of Transportation (FDOT). He suggested that city officials start working with FDOT soon and not leave that up to the consultants.

ITEM 11.6. Horse Creek Non-Motorized Boat Launch and Dredge, Phase II, City of Melbourne.

Ms. Sueann Thomaston, with the City of Melbourne, presented the Phase II application to dredge Horse Creek, which is located on the Indian River Lagoon. She stated that the dredged material will be placed on a city owned parcel that will be developed for a non-motorized boat launching facility. She stated that the city obtained this property, within a housing development when the developer deeded it to the city for green space. She stated that signage will be installed near US 1 to guide users to the launching area. She noted that the dredging will take place from the western most point of Horse Creek out to the Indian River Lagoon, approximately 1,700 feet.

Treasurer Blow asked why this will be a non-motorized facility. Ms. Thomaston stated that users must travel under the US 1 bridge which has three feet or less clearance.

Commissioner Sansom stated that this is a unique neighborhood non-motorized boat ramp with a small launching area for people that will carry in their canoe/kayak.

ITEM 11.7. Melbourne Harbor Channel Dredge Phase II, City of Melbourne.

Ms. Sueann Thomaston, with the City of Melbourne, presented the Phase II application for the maintenance dredging of the Melbourne Harbor entrance channel between the Indian River Lagoon and the Intracoastal Waterway (IWW). She stated that Melbourne Harbor has been designated as a hurricane harbor and has public facilities including two restaurants, a fueling station, restrooms, and a ship store. She stated that downtown Melbourne is a short walk from the Harbor and offers a variety of shops, services, and restaurants.

Commissioner Sansom stated that the area to be dredged is the major channel coming into the harbor to Downtown Melbourne and currently, it is shoaled in so badly it is difficult, if not impossible to use.

ITEM 11.8. Samson's Island Pontoon Boat, City of Satellite Beach.

Ms. Kerry Storms, with the City of Satellite Beach, presented the application to purchase a 24-foot pontoon boat to transport up to twelve passengers to a 52-acre city owned spoil island for recreation, education, and environmental purposes.

Ms. Storms stated that volunteers have eradicated invasive exotic vegetation and replaced it with native habitats. She stated that the city has completed physical improvements that support picnicking, primitive camping, and kayaking. She stated that

the park includes an ADA restroom and nature trail. She noted that this purchase will provide people who do not own a boat access to this beautiful island park.

Commissioner Sansom stated that the only access to this island is by water and this pontoon boat would double the number of passengers that can be brought to the island over their current boat.

Chair Kavanagh asked how often passengers are brought out to this island. Ms. Storms stated that every Sunday afternoon at 1:00 p.m. they take volunteers out to work at the island and include some public recreational passengers. She stated that they also have the ability to go to the island during the week with volunteers to perform maintenance work at the island.

Commissioner Crowley stated that the pontoon boat can be used for multiple purposes and with that capability they will be able to expand their program. He suggested the development of a small brochure about the island and the availability of boat transportation to the island would help people know about this beautiful island.

Chair Kavanagh called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 10:56 a.m.

Chair Kavanagh reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 11:13 a.m.

ITEM 11.9. Halifax River Trail and Pedestrian Underpass, City of Daytona Beach.

Ms. Beth Lemke and Mr. Rick Rice, with the City of Daytona Beach, presented the application to construct a 500-foot pedestrian underpass connecting to the existing 820-foot Riverfront Boardwalk that will provide full pedestrian access to the City of Daytona Beach and the Intracoastal Waterway (IWW). Ms. Lemke stated that this project will also provide users safe crossing of International Speedway Boulevard.

Ms. Lemke stated that future plans include the construction of transient boater day docks and a boardwalk that will provide the public with enhanced access for passive and active water related recreational activities including access to downtown Daytona Beach.

Commissioner McCabe stated that the City of Daytona Beach has a robust Riverfront Master Plan and this project is a logical progression under that plan. She stated that the city is committed to this project.

Commissioner Isiminger asked if the pedestrian underpass would change the vertical clearance under the bridge. Ms. Lemke stated that currently the bridge does not provide much clearance or boater access in that area.

Commissioner Crowley asked if water taxi service is still part of the master plan. Ms. Lemke stated that these specific docks are not planned for water taxi service. She stated that water taxi service is included in two other project areas within the plan.

ITEM 11.10. North Causeway Boat Launch Facility Improvements, City of New Smyrna Beach.

Mr. Shailesh Patel and Mr. Kyle Fegley, for the City of New Smyrna Beach, presented the application to refurbish the existing seawalls, docks, and fishing piers at the North Causeway Boat Launch facility. Mr. Patel stated that several months ago the sidewalks within the seawall collapsed. He stated that the city has taken emergency measures to fill the area with rock until the area can be replaced. He stated that the construction of new ADA compliant restrooms and parking lot paving for 60 boat/trailers will also be included in the project. He stated that this is a heavily used boat launching facility and on a busy day, the parking areas are full and it takes almost 30 minutes to launch your boat.

Commissioner McCabe stated that this facility is not the only facility providing access to the Intracoastal Waterway (IWW) in New Smyrna Beach, but that it is the main facility. She stated that in 2007 the District helped to fund the repairs to the boat launch ramps. She stated that this is a heavily used facility and a great public project.

Commissioner Netts referred to Mr. Wilson's comments this morning about a City of New Smyrna Beach project that did not allow public use. He asked if this is that project. Mr. Fegley stated that this project is not the project that Mr. Wilson was referencing. He stated that this is a 100% public facility that is open 24 hours a day seven days a week and is used by fishermen, commercial users, and boaters.

Commissioner McCabe stated that Mr. Wilson brought up genuine concerns about the water taxi use and the dock not allowing public access on another project. She stated that she feels that there was some lack of communication between the city and the water taxi operator. She stated that commissioners want to make sure that all District funded projects are public projects.

Mr. Khalid Resheidat, with the City of New Smyrna Beach, stated that he would be happy to address the issue about the project that Mr. Wilson referred to after the next project presentation.

Commissioner Isiminger stated that he has used this facility several times and he can attest as to how busy it is. He noted that grass parking is not always the most efficient use of space and asked if the city has plans to add to the paved parking area. Mr. Patel stated that the city is going to look at adding better parking at a later date and noted that the Swoope site project will provide some parking and may help alleviate the problem at this site.

Mr. Crosley stated that the Burt Reynolds boat ramp in Jupiter just re-configured their paved parking area along with grassy area parking with marked spaces. He stated that this is a very successful project.

ITEM 11.11. Swoope Public Boat Ramp, Kayak Launch, and Parking, Phase II-B, City of New Smyrna Beach.

Mr. Shailesh Patel and Mr. Khalid Resheidat, for the City of New Smyrna Beach, presented the Phase II-B application to construct a 52 space parking lot and a restroom at the Swoope site. Mr. Resheidat stated that this much needed facility will service waterway users in the northern section of the city. He stated that Phase II, which was approved last year, was for the construction of a two-lane boat launch. 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.

Mr. Resheidat stated that since the initial project was presented, the project costs have increased because the Florida Department of Environmental Protection (FDEP) required the relocating of the previously designed boat ramp to face east. He stated that additionally, the roadway leading to the site is in need of repaving, and instead of using a septic tank for the restrooms, they installed over two hundred feet of sewer line along with a pump.

Mr. Resheidat noted that funding partners include the Florida Fish and Wildlife Conservation Commission, FIND, the City of New Smyrna, and Volusia County.

Mr. Resheidat stated that this site also houses the city maintenance facility and material storage. He noted that the city just signed an agreement with FIND's dredging contractor to use this site for the upcoming Ponce de Leon dredging project.

Commissioner McCabe stated that without this project, boaters would have to launch from the north or south facilities which are already crowded.

Commissioner Sansom stated that the District does not normally pave a roadway leading to a site. He stated that traditionally, the District funds only the amenities adjacent to the waterway.

Treasurer Blow questioned if at any time in the future that roadway was used by an adjacent landowner for access to their property, would the District have the ability to re-coupe our investment.

Regarding the Riverside Park docks, Mr. Resheidat stated that approximately two years ago, the District helped to fund the Riverside Park improvements. He noted that right after those improvements were completed, the city was approached by a water taxi service asking to operate from Riverside Park providing service from New Smyrna Beach to Ponce Inlet. He stated that the city told the water taxi service that we had an agreement with FIND and if they were okay with it, we could give them a non-exclusive agreement to use the site. He stated that the city contacted FIND and the city was told that FIND had no issue with the water taxi service. He stated that when the agreement from the water taxi service was presented it had two separate paragraphs, one stated exclusive use and one that stated non-exclusive use. He stated that agreement was modified by the City Commission to contain only "non-exclusive use." He noted that the city put up a sign at the dock stating "15 minutes loading and unloading". He stated that that a city resident, Mr. Stan Kapp, notified the city and sent a picture of a posted sign that read "15 minutes loading and unloading water taxi." He stated that the city required that the sign be changed to read "15 minutes loading and unloading" and that was done.

He stated that this sign does not relate exclusively to the water taxi and the dock can be used by all boaters. He stated that the city then marked 35 feet of the dock in yellow as a 15 minute loading and unloading area, on a first come first serve basis. He stated that Mr. Kapp still feels that the water taxi should not be at Riverside Park. He stated that the agreement is between the City Commission and the water taxi service and that it was approved by the commission.

Commissioner Netts stated that another allegation was about a dock with no trespassing signs and locked gates. Mr. Resheidat stated those docks are located at the Marine Discovery Center. He stated that our agreement with FIND specifically states that those docks would be used for the Marine Discovery Center. He stated that initially, the area did not have a locked gate but then the facility was vandalized. He stated that because of that vandalism, the center installed a security gate, with no trespassing signs, and they lock the gate at night. He noted that after Mr. Kapp notified the city about the no trespassing sign, the center removed them as requested by the city. He stated that the gate is open during the Marine Discovery Center's operating hours and closed and locked at 7:00 p.m.

Commissioner McCabe stated that in theory, everybody was on the same page but during the execution, there may have been some miscommunication. She asked Mr. Resheidat for the city to reassure the commissioners that the city is sensitive to these issues and will be more responsive in the future. Mr. Resheidat answered, absolutely. He stated that as soon as he received those telephone calls he immediately contacted FIND, changed the water taxi agreement, changed the water taxi sign, and communicated

with the Marine Discovery Center. He stated that the city is very sensitive to these issues.

Treasurer Blow noted that as we construct these public facilities, such as docks, riverwalks, and educational centers they must be protected by law enforcement.

ITEM 11.12. Riverwalk Launch and Boardwalk, Phase I, City of Port Orange.

Mr. Kent Donahue, with the City of Port Orange, presented the Phase I application to design and permit a boardwalk and canoe/kayak launch facility at the Town Center Riverwalk. He stated that these amenities will provide public access to the west side of the Halifax River and connect to the existing fishing pier.

Commissioner McCabe stated that this is a great project that will open up public access to the Intracoastal Waterway (IWW) on the west end that is somewhat sheltered by the causeway. She noted that this area will allow small craft users' access to the IWW and they will not have to compete with motorized boaters. She noted that boater traffic at the causeway is so heavy it must be monitored and directed by law enforcement during the weekend.

Mr. Crosley asked about Riverside Pavilion. Mr. Donahue stated that Riverside Pavilion was constructed in the fashion of a barn-raising cooperative between the City of Port Orange, the Chamber of Port Orange and South Daytona, and the Halifax Sport Fishing Club. He stated that the property and facility is owned by the City of Port Orange, was constructed in 1996, and all the materials were donated by the participants. He stated that the Chamber of Port Orange and the Halifax Sport Fishing Club are located at the facility as well as a banquet area. He stated that the banquet area is rented out for

special occasions and weddings. He noted that is why the dock will be built east of the facility, so boater activities will not disturb the activities of the banquet facility.

Vice-Chair Chappell asked if the Riverwalk will tie into the north side boat ramp and docking facilities all the way to the north side of Dunlawton Avenue. Mr. Donahue stated that the Riverwalk Boardwalk will be located from the Hoffmeister property south all the way down to the north end of Dunlawton Avenue.

ITEM 11.13. Highbridge Park Expansion, Phase I, Volusia County.

Ms. Bobbi Kennedy, with Volusia County presented the Phase I application to design and permit the future construction of a reverse osmosis water system, canoe/kayak launch facility, paved parking, and ADA-accessible restrooms at Highbridge Park. She stated that these additions will provide much needed access to the northern Volusia County waterways in Ormond Beach.

Ms. Kennedy stated that this park has an existing boat ramp with a small restroom and a wooden boardwalk. She noted that the current parking area is shell rock and does not lend well to vehicle and boat trailer parking. She stated that this project will upgrade the facility making it more enjoyable for the boating public.

Commissioner Netts stated that this is a heavily used boat ramp and is used by residents of multiple counties.

Chair Kavanagh called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 12:14 p.m.

Chair Kavanagh reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 1:06 p.m.

ITEM 11.14. Dredging Salt Run Channel, Phase IV, City of St. Augustine.

Mr. Tim Fleming and Mr. Jerry Dixon, for the City of St. Augustine, presented the Phase IV application to dredge 8,750 cubic yards of material to increase the 1.8-mile Salt Run channel depth from five to ten feet and increase the channel width to 80 feet. Mr. Fleming stated that this waterway provides waterway access to the City of St. Augustine, Anastasia State Park, a public boat ramp and mooring field, and the Conch House Marina. He noted that this section of the channel has never been dredged. He stated that all permits have been received.

Secretary Blow stated that the southern end of Salt Run has the only active public shell fishing area in St. Johns County. He stated that the St. Augustine Inlet has to be dredged every three to five years. He noted that the material from that dredging project is placed on the beaches at Anastasia State Park. He noted that the Salt Run Channel is the pipeline route to the park and dredging that channel will be a benefit to that project.

ITEM 11.15. Dredging of San Sebastian River Channel, Phase IV, City of St. Augustine.

Mr. Tim Fleming and Mr. Jerry Dixon, for the City of St. Augustine, presented the Phase IV application of a multi-year project to dredge 10,512 cubic yards of material from the San Sebastian River Channel within the City. Mr. Fleming stated that this project will restore access to 15 marine facilities located along this section of the waterway that is considered a working waterfront. He stated that there is a marine supply and an oil company, the homeland security small boat training school, wholesale seafood business, and boatyards all located on this river.

Mr. Jerry Dixon stated that the St. Johns County Port and Waterway Authority is a very small agency and only collects \$300,000 in yearly revenue. He noted that the Port

District has funded the permitting for the Salt Run and San Sebastian dredging projects. He stated that because of the lack of federal funding, they have found it necessary to seek District funding assistance for the dredging aspect of the project.

Secretary Blow stated that the permitting cost for the Salt Run Dredging project was approximately \$100,000. He noted that the San Sebastian River is the only working waterfront in St. Johns County and the only area that boaters can stop for repairs in this area.

ITEM 11.16. Barge Navigation Channel Dredging, Phase IV, St. Johns County Airport Authority.

Attorney Breton stated that Commissioner Sansom has declared a Conflict of Interest in this project and has expressed the desire to participate in the discussion but that he will not vote or rank this application. He stated that in accordance with procedures, the content of the memorandum must be read aloud to the public. Attorney Breton read out loud that memorandum.

Mr. Michael Purnell and Mr. Kevin Harvey, for the St. Johns County Airport Authority, presented the Phase IV application to dredge the barge channel at the turning basin. He stated that this project will allow the Airport Authority to receive aircraft fuel shipments by barge delivery. Mr. Purnell stated that the project location is three miles from the St. Augustine Inlet and adjacent to the IWW. He noted that upon project completion this will be the only commercial barge facility in St. Johns County. He stated that this commercial barge facility is necessary for Northrop Grumman, the largest private employer in St. Johns County, to continue operations. He stated that additionally, the Airport Authority needs this facility to transport aircraft fuel and has agreed to make the facility available to other government agencies to load and unload.

He stated that this project will bring commercial barge business to the area along with many jobs.

Treasurer Blow stated that this is a very important facility in St. Johns County and the City of St. Augustine. He noted that Northrop Grumman is the largest employer in St. Johns County. He stated that federal funding is based on ton miles and the aircraft that Northrop Grumman build and transport by barge contribute to this tonnage calculation for the District's waterways. He noted that Northrop Grumman is not the only company that will use this facility.

Commissioner Williams asked why Northrop Grumman does not fund this project. Treasurer Blow stated that St. Johns County receives tremendous economic benefit from Northrop Grumman's location in St. John's County. He stated that they could locate anywhere, Louisiana, Alabama, etc. He stated that to keep these jobs and types of employers in our county and the State of Florida, we must invest in the facility, provide incentive to stay and maintain the waterways that allow them to do business.

Commissioner Sansom stated that economic development is so competitive these days, and that the Airport Authority owns this facility. He stated that this facility is available to anyone who has the need for intermodal services. He noted that the Airport Authority is working to service their current customers and attract future customers. He stated that this is the type of facility that is needed to attract CEO's who are thinking of expanding their business and it is what is needed to attract them to Florida.

Treasurer Blow stated that St. Augustine has become a large destination for tourism. He noted that tourism jobs are not high paying jobs. He stated that companies

like Northrop Grumman provide the types of high paying jobs that promote economic development to an area.

Commissioner Netts stated that this project shows Northrup Grumman that we appreciate them and provides the incentive to keep them in St. Johns County.

ITEM 11.17. Barge Navigation Channel Ramp Repair, Phase IV, St. Johns County Airport Authority.

Attorney Breton stated that Commissioner Sansom has declared a Conflict of Interest in this project and has expressed the desire to participate in the discussion but that he will not be able to vote or rank this application. Attorney Breton read the memorandum out loud in Item 11.16.

Mr. Michael Purnell and Mr. Kevin Harvey, for the St. Johns County Airport Authority, presented the Phase IV application to design repairs to the existing barge/sea plane ramp for loading/offloading operations. He stated that the project location is three miles from the St. Augustine Inlet and adjacent to the IWW. He stated that this facility is available to Northrup Grumman and other commercial users.

Mr. Purnell stated that the sea plane ramp was constructed over 50 years ago and is in need of repairs. He noted that last spring a sea plane was parked and ready to load, when it broke loose as a result of voids under the ramp. He stated that this project will repair those voids and make the ramp solid. He stated that we were very fortunate that the plane was not damaged and they want to make sure that nothing like this ever happens again.

Commissioner McCabe asked if upon completion, will the Airport Authority maintain these projects. Mr. Purnell answered yes.

Treasurer Blow stated that because there were no visible signs of damage at the 50 year old concrete ramp, this project is to perform a study to determine the damage and what steps must be taken to make the ramp solid. Mr. Purnell stated that the authority has performed maintenance repairs to this ramp, but we were unaware of the undermining.

ITEM 11.18. Vilano Beach Fishing Pier Renovation, Phase I, St. Johns County.

Mr. Wil Smith, for St. Johns County, presented the Phase I application to design, perform an engineering investigation and the bid documents to repair the Vilano Beach Fishing Pier which is located on the Intracoastal Waterway (IWW). He stated that this pier provides users with benches, fish cleaning stations, restrooms, and a covered pavilion. He noted that this is a popular fishing area for residents and visitors to St. Johns County.

Treasurer Blow stated that the county, with assistance from the District added a 150 foot floating dock to the south side of this pier. He stated that this is a great project that allows the waterway to connect to downtown Vilano Beach as well as providing public access for fishing and viewing of the waterway.

Commissioner Crowley asked if the foundation support of the pier will be included in the engineering analysis. Mr. Smith answered yes and stated that the project cost estimate was made from the initial pier structural study, and that the engineering investigation will include a full in-depth study and determination of what will need to be undertaken.

Commissioner Isiminger asked if there has been any controversy between boaters using the floating dock and the fishermen. Mr. Smith stated that there have been no

problems at the floating dock, which is located at the southern portion of the pier and is parallel to the channel. He stated that boaters using that dock come straight into the dock and the fishing takes place on the northern side of the pier.

ITEM 11.19. Long's Landing Estuary, Phase II, City of Palm Coast.

Mr. Carl Cote, with the City of Palm Coast, presented the Phase II application to construct a canoe/kayak launch and shoreline stabilization project at Long's Landing. He stated that this project is part of a larger park development project that will provide water access to the Intracoastal Waterway (IWW) from several locations that include a nature and historical center, boat ramps and boardwalks.

Commissioner Netts stated that the City of Palm Coast is the second largest city in northeast Florida and it has virtually no public waterway access for its residents. He stated that this project is an important project to the citizens of Palm Coast.

Commissioner Williams asked about the clearance of the Palm Harbor Bridge. Commissioner Netts answered 16 feet.

ITEM 11.20. Breakwater Dock Improvements, City of Fernandina Beach.

Mr. Joe Springer, for the City of Fernandina Beach, presented the application to improve the outside breakwater dock of the Fernandina Harbor Marina and to reinforce the floating docks to withstand heavier vessels. He stated that the outside breakwater dock is primarily used by local and transient boaters traveling up and down Florida's Atlantic Intracoastal Waterway (AIWW). He stated that this project will reinforce the dock, increase available power, and provide safety to boaters using the facility.

Mr. Springer stated that this marina is owned by the City of Fernandina Beach and provides slips on a first come, first serve basis. He stated that the marina provides

transient public dockage to vessels from 35 to 225 feet in length within a protected breakwater.

Treasurer Blow stated that this marina is an asset to the city and the boating public.

Commissioner Williams stated that the city fully supports this project and is a funding partner.

Vice-Chair Chappell asked if higher Amp power will have to be run to the marina. Mr. Springer answered no and stated that was run initially, they will replace the brittle 25 year old wiring with new flexible marina grade wiring.

Commissioner Crowley stated his support for this project.

ITEM 11.21. William Lehman Park Fishing and Viewing Pier Restoration, City of North Miami.

Mr. Jeff Geimer, with the City of North Miami, presented the application to renovate the fishing and viewing pier at North Bayshore William Lehman Park. He stated that in 1999 a similar renovation was completed with the District's assistance. He stated that this pier was damaged in 2005 by Hurricane Wilma. He noted that this park is located in the northern section of Biscayne Bay and is heavily used by the non-boating public. He stated that the viewing piers are frequently used by school and nature groups.

Commissioner Crowley stated that he has been working with the county to urge the City of North Miami to apply for this funding for several years. He stated that the city is now in a position to provide the funds needed to reconstruct the pier and provide public access to the Intracoastal Waterway (IWW). He stated that he is excited to see that the city is now able to apply and move forward with the project.

Commissioner Netts asked about funding in the event that the engineer finds defects with the pilings and caps. Mr. Geimer stated that they are anticipating the engineer will find some failures and they have allocated funding into the budget for that restoration.

Secretary Cuozzo asked why the city is hiring an architect for this type of project. Mr. Geimer stated that the original plans were done in the 1980s and the city does not have full plans for the pier and they need full drawings for the pier. He stated that they are using an architecture/engineering firm.

ITEM 11.22. Surfside Seawall Replacement, Town of Surfside.

Mr. David Frodsham, for the Town of Surfside, presented the application to replace ten separate seawalls. He stated that these seawalls are over 50 years old and are failing. He stated that the engineering, design, and permitting application has been completed by the town.

Mr. Frodsham stated that nine seawalls are between 50 and 75 feet long and are located at street ends with small green area parks that are located on the Intracoastal Waterway (IWW). He noted that the Surfside Park seawall is 250 feet long and the park has green space, basketball courts, and a congregating location.

Mr. Frodsham stated that the town is proposing to construct new pile and panel seawalls with rip rap in front of each wall at each of these ten locations. He stated that the seawall will be installed a maximum of one foot in front of the existing wall and supported with batter piles and a concrete cap.

Commissioner Crowley stated that the Town of Surfside is a small town in Miami-Dade County and this is their first grant application to the District. He stated that this is a big project that is much needed.

Commissioner Williams asked why the caps will be concrete. Mr. Frodsham stated that steel is more costly and over time steel will oxidize. He also stated that concrete is consistent with the neighboring seawalls and esthetically looks better.

Commissioner Sansom asked if future plans include fishing piers and boardwalks. Mr. Frodsham stated that people can walk to up to the seawall to fish or view the waterway. Commissioner Sansom suggested benches or a small pavilion. Mr. Frodsham stated that the public is interested in installing ladders for kayak launching.

Chair Kavanagh called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 2:31 p.m.

Chair Kavanagh reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 2:50 p.m.

ITEM 11.23. Miami Marine Stadium, In-Water Structural Assessment, Phase I, City of Miami.

Mr. Bob Weinrib with the City of Miami, presented the Phase I application to perform a structural engineering assessment, design, and permitting of the pilings and seawall at the Miami Marine Stadium at Virginia Key. He stated that this facility will provide public waterfront access and is located less than a mile from the Intracoastal Waterway (IWW). He stated that the stadium has been closed since 1992. He stated that the city would like to restore the stadium and waterway facilities.

Mr. Weinrib stated that this application was previously approved in 2011 and they were not able to move forward at that time. He stated that they have a new team that is ready to move forward.

Commissioner Crowley noted that the restoration of Virginia Key is dependent upon the completion of this project. He stated that the city is the project applicant for this application but, upon completion of this project, the city will turn the stadium restoration over to a non-profit Friends of Marine Stadium. He noted that the city will have to be the project applicant and have an agreement with the non-profit.

Commissioner's Netts and Williams left the meeting. Mr. Crosley stated that we still have a quorum.

ITEM 11.24. Miami Woman's Club Baywalk, Phase II, City of Miami.

Mr. Bob Weinrib with the City of Miami, presented the Phase II application to construct a 200-foot seawall to support a baywalk along Biscayne Bay in downtown Miami. He stated that this project will provide the link from the Miami Woman's Club, which was constructed in 1926, all the way to Margaret Pace Park. He stated that eventually these walkways will connect to the Miami River.

Commissioner Crowley stated that this project is an important link in the downtown baywalk. He stated that he fully supports this project and he encouraged the Community Redevelopment Agency to come forward with this application.

Treasurer Blow stated that the city has done a great job with waterway access parks. He asked if thought has been given to a locker facility for paddle boards or kayaks. Commissioner Crowley stated that the city is slowly moving forward with the possibility of waterway use. Mr. Weinrib stated that there has been talk about a kayak/paddle board vendor, but not lockers.

ITEM 11.25. Seybold Canal and Wagner Creek Dredging, Environmental Cleanup, Phase C, City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented the Phase C application to dredge 7,932 cubic yards of silt and remove contaminated sediments from Seybold Canal and Wagner Creek, which drain into the Miami River. He stated that this project will improve water quality and the environment. He noted that additionally, this waterway is heavily used for boating and the dredging project will improve conditions for boater safety and the local marine businesses along the creek.

Commissioner Crowley stated that several years ago the District helped with the dredging of the Miami River. He stated that this tributary was not part of that project. He noted that this tributary is dumping contaminated silt into the Miami River and this project will help protect and stop the fouling of the river. He stated that because of the environmental issues in this area, it took the city five years to obtain all the project permits. He stated that this is a large dredging project and the city is working to obtain all the funding to move forward with the dredging.

Commissioner Isiminger asked why this project rated District priority #17, other waterway related projects and not rated as District priority #1, waterway related dredging. Ms. Zimmerman stated that it is rated at #17 because the facilities located on the river were lacking in public access.

Commissioner Crowley stated that this is the third application of a multi-year project. He stated that funding previously allocated has not been disbursed. He stated that funding allocated two years ago may not be used by the deadline and they may have to come back for that funding again. He stated that the city is looking for other funding partners.

Commissioner Isiminger asked about the source of the silt buildup. Mr. Weinrib stated that it is a buildup from over 40 years of stormwater runoff from yards and roadways, sewers, and erosion. Mr. Crowley stated that the city is redoing the roadway drainage to help prevent runoff going to the river. He stated that as redevelopment moves forward stormwater runoff is being updated and improved.

Commissioner Sansom asked if this canal has been previously dredged. Mr. Weinrib stated that he has no knowledge of any dredging of this waterway. Commissioner Sansom suggested that this silt has built up ever since this canal was created.

ITEM 11.26. Virginia Key Nature Center Seawall and Kayak Launch Ramp, Phase I, City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented the Phase I application to design, permit, and engineer the replacement and repair of an old seawall and dock for launching of kayaks, canoes, and paddleboards at the Virginia Key Nature Center. He stated that 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.

Commissioner Sansom stated that he is happy to see the city making repairs to this island.

Commissioner Crowley noted that the City of Miami does not have a Middle Reach Dredged Material Management Area (DMMA) like other parts of the state because

we do not do a lot of dredging in the area. He stated that because the Virginia Key projects will require some dredging, the City of Miami has executed a DMMA agreement with the city to use the area around the Sewer and Water Plant as a DMMA. He stated that the material will be used to create a berm around the plant.

ITEM 11.27. Curtis Park Boat Ramp Repair and Reconstruction, City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented the application to construct a center pier to improve the function of the existing boat ramp and adjacent marine structures. The project will lengthen the pier by five feet, redesign the parking lot to add eight new pull through boat trailer spaces, stabilize the shoreline, replace the seawall, and add a new drainage system.

Commissioner Crowley stated that these repairs and improvements are very much needed at this facility.

Commissioner Sansom asked how vehicles will access the boat ramp from the parking facility. Mr. Weinrib stated that vehicles going from either direction can pull into the facility from North River Drive onto the access road which leads to the boat ramp. Commissioner Sansom stated that would be difficult to do.

Commissioner Crowley asked about the design. Mr. Weinrib stated that the city architect designed the project. Commissioner Sansom questioned if the turning radius is too narrow. Mr. Crosley commented that it appears that the architect did not change the site plan and worked from the existing parking spaces. He noted that it does look troublesome if you are a boat/trailer operator. He suggested that the design be revamped and lose a couple parking spaces to enlarge the ramp access.

Mr. Weinrib stated that he will talk to the engineers to make sure the site will work properly and if not, to redesign the plan. Mr. Crosley stated he will request that the city provide additional information for this application.

ITEM 11.28. Dinner Key Marina Dinghy Dock, City of Miami.

Mr. Stephen Bogner, with the City of Miami, presented the application to purchase and install 270 feet of new floating dock, piling, and a gangway at Dinner Key Marina. He stated that this new 55 vessel dock is needed to alleviate the current overcrowding to the existing Seminole Public Dinghy Dock and will be shared by local and transient vessels at the 225 -vessel Dinner Key Anchorage facility. He stated that the Dinner Key Marina is the largest public marina in the southeast.

Treasurer Blow asked about the material for the floating dock. Mr. Bogner stated that it will be a modular versa dock. Treasurer Blow asked if the fasteners will be stainless steel. Mr. Bogner answered yes.

Commissioner Crowley stated that this facility is located in Coconut Grove and is an important project for this area. He noted that the old convention center is being demolished and it will be developed into a public park. He stated that this dock will help provide boater access to the area.

ITEM 11.29. Lummus Landing Riverwalk and Dock, City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented the application to construct a 665 foot mooring dock with 14 new dock slips that incorporate boardwalk access to recreational areas at Lummus Park, which is located downtown on the Miami River. He stated that this facility will provide public dock space and mooring for recreational vessels accessing the Intracoastal Waterway (IWW) via the Miami River. He stated that

the project site plan is being reviewed and revised by the environmental regulatory agencies and we expect the final plan soon.

Commissioner Crowley stated that the new dock will be a marginal dock with cleats allowing boaters to tie up, and it will provide users access to fish markets and restaurants that are located on the Miami River. He stated that the project will provide boater access to a part of the Miami River that they have not been able to access for a long time.

ITEM 11.30. Manatee Bend Seawall Improvements and Kayak Launch, Phase II, City of Miami.

Mr. Bob Weinrib, with the City of Miami, presented the Phase II application to repair the Manatee Bend Seawall, stabilize the shoreline, and construct a kayak launch ramp at the park. He stated that this 1.2 acre property provides 280 feet of waterfront access on the Little River and is less than a mile from the Intracoastal Waterway (IWW).

Commissioner Crowley stated that this park is a great waterfront access area for a neighborhood that previously did not have waterfront access. He stated that the city elected to purchase this land after he attended and spoke at a function about the District and our programs. He stated that because of this property purchase and development of the site, the shopping center at 79th Street will be redesigned to become a central activity node for this part of Miami. He noted that this is the type of project that demonstrates how a commissioner can be pro-active in their role. He stated that this property was purchased at a low price and the city knew that the property would require shoreline stabilization. He stated that this application is a continuation of that purchase and project.

ITEM 11.31. Indian Creek Park Seawall Project, City of Miami Beach, Phase I.

Mr. Douglas Seaman and Ms. Judy Hoanshelt, with the City of Miami Beach, presented the Phase I application to permit, design, and engineer the reconstruction of the failing 160-foot section of the seawall at Indian Creek Park. Mr. Seaman stated that the current deteriorated seawall will be reconstructed by installing a sheet-pile system on the outside of the existing structure. He stated that a new concrete cap will be placed on top of the new sheet piles and the existing seawall. He stated that the current seawall has mangroves growing along the shoreline and the new seawall will be designed with a living shoreline that will not impact the mangroves. He stated that upon completion, this will enhance public waterfront access and viewing to Biscayne Bay.

Commissioner Crowley stated that this park is located midway in Miami Beach and the current seawall is badly deteriorated. He suggested that during this Phase I design process the city look at incorporating transient docks and kayak access into Phase II of the project to provide a boater destination and public access to the waterway. He stated that this park has the potential to become a waterfront node for residents.

Mr. Seaman stated that just north of this park is a kayak launching facility at the Rowing Club. He noted that this area of the waterway is very popular with kayakers. He stated that there is room in the design to amend the project to perhaps include a water taxi area, docks, or a kayak launch.

ITEM 11.32. Normandy Shores Park Seawall Project, City of Miami Beach.

Mr. Douglas Seaman and Ms. Judy Hoanshelt, with the City of Miami Beach, presented the application to reconstruct a 450 foot section of the failing seawall at Normandy Shores Park. Ms. Hoanshelt stated that the current deteriorated seawall will

be reconstructed by installing a sheet-pile system on the outside of the existing structure. She stated that a new concrete cap will be placed on top of the new sheet-piles and the existing seawall will have the addition of a living shoreline and rip-rap. She stated that future improvements to this park will include public access to the water, a shaded fitness area and public activity area.

Commissioner Crowley stated that he is surprised that the current seawall has lasted over 60 years. He stated that he likes the addition of a living shoreline at the base of the new sheet pilings.

Commissioner Sansom asked if this seawall, shoreline plants, and rip-rap will allow public access to or from the water. Mr. Seaman answered no, and stated that this plan and application is just for the seawall, plantings, and rip-rap.

Commissioner Sansom suggested that if the outfall pipes are replaced during the new seawall construction, he asked for the city to consider installing baffles within the outfall pipe for stormwater run-off.

ITEM 11.33. Parks Blueways Master Plan, City of Miami Beach.

Mr. John Oldenburg and Ms. Judy Hoanshelt, for the City of Miami Beach, presented the application to develop a five-year planning analysis for a Blueways Master Plan that will connect the city's walking and cycling trails with paddling trails. Mr. Oldenburg stated that this plan will identify paddling trails and public access sites key to the development and economic impact of the adjacent area. He stated that this plan will look at the waterway, public shoreline, boat ramp and docking, channel safety and water current, stopovers, economic impacts, development, and maintenance that are key to providing a safe kayak paddling location.

Commissioner Crowley stated that the idea to develop a Blueways Master Plan came about when he was discussing the District's Waterway Master Plan program funding. He stated that the City of Miami Beach thought that a plan to look at their waterways and how it relates to the rest of the waterfront areas in the county was a good idea. He stated that this is a good area to look at interconnectivity and water transportation. He stated that this type of plan is the beginning of a change on how we will look at the waterways in Miami-Dade County.

Commissioner Sansom asked if the application would qualify for funding under the District's Waterway Master Plan program. Mr. Crosley answered no and stated that program is specifically designed to fund one county Waterway Master Plan per county. He stated that currently the program is structured to fund three plans per year.

Commissioner Sansom stated that perhaps we should consider including funding for this type of Master Plan that could lead to a county developing a total Master Plan.

ITEM 11.34. Crandon Marina Boat Ramp renovation Planning, Phase I, Miami-Dade County.

Ms. Joyce Denny, Ms. Kathy Haley, Ms. Gina Drakes, Mr. Mike Ruze, and Ms. Sherri Fisher, for Miami-Dade County Parks, presented the Phase I application to perform an engineering analysis, design, and permit 15 boat ramp lane renovations and the replacement of 72 vertical wood fenders at the Crandon Marina Boat Ramp. Ms. Denny stated that this 903 acre park includes 15 boat ramp lanes, vehicle/trailer and vehicle parking, fish cleaning stations, restrooms, and picnic areas. She stated that Crandon Park is the most popular park in Miami-Dade County.

Treasurer Blow asked about the source of the capital expense funds. Ms. Denny stated that the capital expense funds come from bond revenue, vessel fees, grants, loans,

and some general funds from real estate taxes. Treasurer Blow noted that in 2012, the marina made a \$1.3 million profit and he asked where those funds go. Mr. Ruze, stated that the capital expenses are above and beyond the earned revenue and come from various sources every year depending on actual expenses. He stated that marina profits go into a reserve fund for capital improvements at the marina and the county provided \$2.8 million of general revenue for operations.

Commissioner Crowley stated that when he was appointed, this marina was in very poor condition. He stated that since then, the entire marina has been redone to include a dockmaster facility, dive shop, and charter boat facility. He noted that this boat ramp renovation is the last project of what has been a total upgrade for this park. He stated that now the Crandon Park Marina is one of the premier marina facilities in Miami-Dade County.

ITEM 11.35 Matheson Hammock Marina Boat Ramp Renovations Phase I, Miami-Dade County.

Ms. Joyce Denny, Ms. Kathy Haley, Ms. Gina Drakes, Mr. Mike Ruze??, and Ms. Sherri Fisher, with Miami-Dade County Parks, presented the Phase I application to perform an engineering analysis, permit, and design renovations to 11 boat ramp lanes, replace 107 feet of docks, 138 vertical fenders, 1,200 square feet of wooden deck and bench area at Matheson Hammock Park. Ms. Denny stated that this park and marina consists of 630 acres, 11 boat ramps, vehicle/trailer and vehicle parking, fish cleaning stations, restrooms, picnic areas, and walking trails. She asked if there were any questions and there were none.

ITEM 11.36. Miami River Greenway, Sites 4 and 5, Miami-Dade County.

Ms. Lana Moorey, with Miami-Dade County, presented the application to construct two sections of the Miami River Greenway Riverwalk located on the Miami River at SW 1st Avenue and at SW 1st Court. She stated that, in addition to the walkway, each segment will have bike racks, lighting, and benches. She stated that this project will provide neighborhood access to the waterway and the riverwalk.

Commissioner Crowley stated that we have worked with the state regulatory offices for several years to obtain the required easement necessary for development of the connecting structure to the bulkhead for this riverwalk. He stated that he feels that the county has obtained that approval and will be moving forward very soon. He stated that the city is working to connect the entire south bank of this river and the District has been a partner in this project starting with the Miami Circle.

ITEM 12. Public Comments.

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

Chair Kavanagh called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 5:17 p.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Board of Commissioners Meeting

9:00 a.m., Saturday, June 22, 2013

Courtyard by Marriott

3435 North Atlantic Avenue (S.R. AIA)

Cocoa Beach, Brevard County, Florida

ITEM 1-B. Reconvene/Call to Order/Pledge.

Chair Kavanagh reconvened the Florida Inland Navigation District Board of Commissioners meeting at 9:05 a.m.

Commissioner Sansom led the pledge of allegiance to the flag of the United States of America.

ITEM 2-B. Roll Call.

Secretary Cuozzo called the roll and Chair Kavanagh, Vice-Chair Chappell, Treasurer Blow, Commissioner Crowley, Commissioner Isiminger, Commissioner McCabe, Commissioner Netts, and Commissioner Sansom, were present. Secretary Cuozzo stated that a quorum was present. Also in attendance were Assistant Executive Director Mark Crosley, Assistant Executive Director Janet Zimmerman, Brenda Sullivan, Information Manager, and Attorney Peter Breton.

The following visitors were present: Mr. Al Miner and Mr. Joe Griffin, City of Sebastian; Mr. Roland DeBlois, Indian River County; Mr. Michael Nixon, Indian River County; Mr. Jon Ward, City of Fort Pierce; Mr. Bradley Keen, City of Port St. Lucie; Mr. Jim Chrulski, City of Stuart; Ms. Kathy FitzPatrick, Martin County; Mr. Ted

Gonzalez, Town of Jupiter Island; Ms. Carol Morgenstern and Mr. John Fiore, Broward County; Mr. Colin Donnelly, City of Dania Beach; Sgt. Todd Mills and Mr. Lee R. Feldman, City of Fort Lauderdale; Mr. Eric Call and Ms. Jean Matthews Palm Beach County Parks; Mr. Robert Robbins and Mr. Dan Bates, Palm Beach County; Mr. James C. Hart, Town of Lake Park; Ms. Maggie Barszewski, Town of Lantana; Mr. John Duchock, Town of Palm Beach; Ms. Lillian Tomeu, City of Belle Glade; Mr. John Sprague, City of Boca Raton and City of Riviera Beach; Mr. Tim Gilboy, City of Atlantic Beach; and Ms. Jody McDaniel, City of Jacksonville.

ITEM 3-B. Additions or Deletions.

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

Mr. Crosley stated that he would like to delete from the agenda; Item 11.62, Anchorage Park, Phase II, Village of North Palm Beach. The Board concurred.

ITEM 11.-Continued. FY 2013-2014 Waterways Program Application Presentations.

Chair Kavanagh outlined the presentation scheduling and stated that each project applicant will be allowed five minutes for their presentation followed by five minutes of Commissioner questions and discussion.

ITEM 11.37. Sebastian Working Waterfront, City of Sebastian.

Mr. Al Miner and Mr. Joe Griffin, with the City of Sebastian, presented the application to rebuild a historic fish house and construct a working dock.

Mr. Miner stated that this dock will provide commercial fishermen a place to offload and prepare their catch. He stated that this site is close to the Intracoastal

Waterway (IWW) and the Sebastian Inlet and will provide public access to the working waterfront for educational and retail purposes.

Mr. Miner stated that because this project is part of a Community Redevelopment project, the city received a grant from the State of Florida to purchase the two parcels allowing the redevelopment of a historic working waterfront. He stated that Fisherman's Landing Sebastian, Inc., which is the local fishermen's cooperative that uses the waterfront, has also provided funding for this project.

Commissioner Sansom stated that this project received one of only three working waterfront grants provided by the State. He stated that the city has worked with local members of the fishing community to bring this project to fruition. He stated that it is an important project for Indian River County.

Chair Kavanagh noted that a letter was received from Representative Mayfield in support of this project.

ITEM 11.38. Jones' Pier and Waterfront Improvement, Indian River County.

Mr. Roland DeBlois, with Indian River County presented the application to re-deck and repair a 1,800 square foot multi-slip dock facility bordering the Intracoastal Waterway (IWW). He stated that the county will also install a boatlift for a law enforcement patrol vessel along with educational signage and a kiosk relating to the Jones' Pier Conservation area.

Mr. DeBlois stated that this project will enhance public safety, recreational, and educational opportunities at this historical waterfront location.

Secretary Cuozzo stated that this is a historical facility and because of its dilapidated state, it has a very unique look to it. He asked how the city plans to restore

the deck to match the historical patina. Mr. DeBlois stated that we plan to use wood to maintain the look of the original dock. He stated that the county plans to maintain the historical integrity and provide safe public access.

Secretary Cuzzo suggested that this is the perfect site for the interpretive and historical signage. He asked that the project include information about the development and maintenance of the IWW.

Commissioner Sansom stated that Jones' Dock is from the early 1800's and was one of the first destinations on the IWW in Florida. He stated that people would stop there for supplies. He suggested that it would be wonderful if the restoration could retain the site's primitive nature.

ITEM 11.39. Oslo Public Boat Ramp Parking and Dredging, Indian River County.

An e-mail from Dr. Richard Baker, President of the Pelican Island Audubon Society was distributed to commissioners regarding this application. The e-mail pertained to project environmental concerns that the society has about this project.

Mr. Michael Nixon, with Indian River County, presented the application to dredge 300 cubic yards of material in the channel adjacent to the boat ramp, provide additional dock space, install channel markers, and provide ten paved car and twelve paved boat trailer parking spaces at the historic Oslo Road boat ramp. He stated that vehicles have always parallel parked along an unpaved road to utilize the only public boat ramp along the western shore of the Indian River in the southern part of Indian River County. He noted that this is an environmentally sensitive area and it has been difficult to receive the Corps permit, but the county is in the appeals process and feels that this time they will be successful.

Commissioner Isiminger asked if the county is changing their Manatee Protection area from six months to a full year because of this project. Mr. Nixon stated that the U. S. Fish and Wildlife Service determined that the use of this boat ramp could contribute to additional manatee injuries. He stated that the county disagreed with that determination, but as a compromise the county and agency mutually agreed to change the area to slow speed a quarter mile in each direction of this ramp throughout the year. He stated that the slow speed also applies to the area in front of the boat ramp leading to the western edge of the Intracoastal Waterway (IWW) channel.

Commissioner Sansom noted that this is an important project that the county has been working on for over six years. He stated that it is unfortunate that there are regulatory stipulations that require that certain things be addressed. He stated that this facility has been in use for over 50 years and hopefully, the county can get this approved through the permitting process because this project will provide the public with the ability to continue to use this facility, but in a safely managed parking area.

Secretary Cuzzo stated that he has read the e-mail from Dr. Baker and noted that it is the Commissioner's job is to review and determine if this application meets the District's criteria. He also added that it is up to the county to deal with the permitting agencies and other applicable agencies. He stated that this is a good project.

Treasurer Blow stated that former Commissioner Barkett was supportive of this project and is an avid fisherman who would not want to do anything to harm seagrass. He noted that Commissioner Dritenbas is a fishing guide. He asked the amount of seagrass that would be disturbed in the area that the channel will be dredged. Mr. Nixon stated that the seagrass in the dredged channel is less than 1% coverage, which is virtually

no seagrass. Treasurer Blow noted that the county is being required to take extreme environmental measures to dredge 300 cubic yards of material from the channel. Mr. Nixon stated that this project has been designed to improve the growth of seagrass.

Commissioner Crowley asked how many square feet of dredging will this project complete. Mr. Nixon answered approximately 250 feet in length and with an average width of 30 feet.

ITEM 11.40. Public Fishing Pier and Cleaning Station on Melody Lane, City of Fort Pierce.

Mr. Jon Ward, with the City of Fort Pierce, presented the application to provide a 10-foot wide by 220-foot long public pier with a fish cleaning station at the Melody Lane seawall in Fort Pierce, a popular fishing area. He stated that this facility will be located near the downtown marina square and that the station will include running water, a macerator, and a disposal system.

Chair Kavanagh stated that this facility is a long needed project and will receive much use. She asked about the location of the fish cleaning station. Mr. Ward stated that the Florida Department of Environmental Protection (FDEP) requested that the fish cleaning station be removed from the pier area and removed the station from their permit. He stated that the city plans to install a free standing station along the walkway where fishing currently takes place at Melody Lane.

Commissioner Isiminger asked if the regulatory agencies are requiring gradient decking. Mr. Ward stated that the agencies are not requiring gradient decking, but they are applauding the use of it. Commissioner Isiminger commented that perhaps gradient

decking should not be used at the terminal platform because users will lose their fishing gear through the openings.

ITEM 11.41. C-24 Canal Park Boat Ramp, City of Port St. Lucie.

Mr. Bradley Keen, with the City of Port St. Lucie, presented the application to create a 7-½ acre waterfront park with boating access to the north fork of the St. Lucie River, Indian River Lagoon, and the Intracoastal Waterway (IWW). He stated that the plans include two concrete boat launching ramps with a temporary mooring dock, a fixed dock, 10 vehicle spaces, 74 vehicle and boat trailer spaces, site drainage improvements, wetland areas, and a landscape buffer.

Mr. Keen noted that there are approximately 6,500 registered boats in the City of Port St. Lucie with only two boat ramp facilities. He stated that this is a much needed facility.

Mr. Keen stated that the C-24 Canal Park site was selected for this project based on its historical use as an unimproved dirt boat ramp, its location on a man-made waterway, reduced environmental project impact, the lack of residential homes immediately adjacent to the property, and its ability to obtain the necessary regulatory permits.

Chair Kavanagh stated that the City of Port St. Lucie has requested very little funding from the District, their previous project was a wonderful addition to the city, and this project will be great as well.

Treasurer Blow referred to the Project Cost Estimate and questioned the demolition cost of \$1 million and the construction costs of \$800,000 and asked if those costs have been reversed. Mr. Keen stated that he would check those figures and get

back to the District. He noted that the de-mucking of the site will be the most costly part of the project.

Commissioner McCabe asked about the request to start the project pre-agreement before October 1st. Mr. Keen stated that the project is fully permitted, the city has finalized construction drawings, and they are ready to go to bid for this project. He stated that the actual construction will start after October 1, 2013. He noted that the city was not asking for any pre-construction funding and that this application is only for construction purposes.

ITEM 11.42. Stuart Riverwalk Expansion, PH I, City of Stuart.

Mr. Jim Chrulski, with the City of Stuart, presented the Phase I application to plan and permit for the extension of the existing riverwalk from SW Saint Lucie Avenue through to S. Colorado Avenue in downtown Stuart. He stated that this project will expand the riverwalk to provide additional waterfront public access to downtown Stuart.

Secretary Cuozzo stated that the City of Stuart's riverwalk boardwalk provides all citizens access to the waterfront.

ITEM 11.43. St. Lucie Inlet Maintenance, Martin County.

Ms. Kathy FitzPatrick, with Martin County, presented the application to dredge 27,000 cubic yards of material from the St. Lucie Inlet navigation channel and 450,000 cubic yards from the impoundment basin. She stated that this material will be placed by pipeline on the adjacent beaches. She stated that this project will help reduce shoaling at the Crossroads area by eliminating sand from traveling west from the inlet.

Ms. FitzPatrick stated that from the time that the application for this project was submitted to the District, some project elements have changed. She noted that the

timeline has been moved to a possible start date of November 2013. She stated that part of the project funding has come from Hurricane Sandy funds, as have many other coastal projects, and that project demand has driven up the cost for dredging. She stated that the project is managed by the U. S. Army Corps of Engineers and she does see the project moving forward.

Secretary Cuozzo stated that this project will help alleviate sand from coming into the channel at the Crossroads. He stated that anything that we can do to prevent that migration will help the waterway.

Commissioner Sansom suggested that staff include in an upcoming agenda information to the new commissioners about the effect the inlets have on the District's channel and why inlet dredging is not part of the District's responsibility.

ITEM 11.44. Marine Patrol Waterway Safety, Town of Jupiter Island.

Mr. Ted Gonzalez, with the Town of Jupiter Island, presented the application to purchase a Brunswick Commercial Boston Whaler 750-I Impact hull for the Jupiter Island Marine Patrol Unit to patrol 28 miles of Intracoastal Waterway (IWW), including the Jupiter Inlet. He stated that the marine unit provides boater safety and works to reduce hazards and conflicts between all users of the waterway.

Treasurer Blow asked if the marine unit has other vessels. Mr. Gonzalez answered yes and stated that the town has a deep water vessel for ocean patrol.

Commissioner Sansom stated that the District likes to help an agency purchase one vessel and motor, but he would like applicants to have future purchases made under an in-house vessel replacement plan and to have the funds available to purchase additional vessels.

Chair Kavanagh called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 10:27 a.m.

Chair Kavanagh reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 10:44 a.m.

ITEM 11.45. Anne Kolb Nature Center Exhibit Renovations, Broward County.

Ms. Carol Morgenstern, with Broward County, presented the application to reconstruct the main mangrove aquarium tanks, provide interactive nature displays and upgrade the exhibit hall which showcases the mangrove habitat adjacent to the Intracoastal Waterway (IWW) at the Anne Kolb Nature Center.

Ms. Morgenstern stated that this facility has a 35,000 gallon salt water aquarium that draws people to the center. She stated that this facility is used by residents, tourists, and children on school environmental field trips.

Vice-Chair Chappell stated that this is a 1,500-acre center in the middle of Port Everglades and the airport. He stated that this is a great education center for all of the schools to visit and learn about nature and the ecological communities. He stated that these 20 year-old tanks need repairs and updating.

Commissioner Isiminger inquired about including an educational exhibit about the history and maintenance of the Intracoastal Waterway (IWW) at the center.

ITEM 11.46. Deerfield Island Boardwalk Replacement, PH I, Broward County.

Ms. Carol Morgenstern, with Broward County, presented the Phase I application to design, engineer, and permit a replacement boardwalk adjacent to the Intracoastal Waterway (IWW) at Deerfield Island Park. She stated that the 1,600-foot boardwalk was damaged in 2005 by Hurricane Wilma and has been closed since that hurricane. She stated that this park is a heavily used boater destination.

Commissioner Crowley noted that this is a great island and facility. He stated that he was on the Urban Land Institute panel for upland development just south of this island that is working to buy property to create a shuttle area to transport visitors back and forth to this island. He asked that interpretative environmental signage be added to the boardwalk and throughout the island.

ITEM 11.47. Deerfield Island Shelter Replacement and Interpretive Exhibits.
Broward County.

Ms. Carol Morgenstern, with Broward County, presented the application to permit and construct a replacement shelter and interpretive exhibit adjacent to the Intracoastal Waterway (IWW) at Deerfield Island Park. She stated that the shelter will provide boaters refuge from inclement weather. She stated that the exhibits will include: ten 36" x 24" interpretive signs with ecological and historical information; and an 8' x 9' exhibit depicting a gopher tortoise burrow along with the various species that co-habitat and use the burrow. She stated that these exhibits will significantly add to the visitor experience at the park and provide opportunities to share with visitors the ecological and historical significance of the park and region.

Vice-Chair Chappell stated that the District uses part of this island for dredged material management and he questioned if any of these projects elements would be in the area required for that material management.

Mr. Crosley stated that Deerfield Island is owned by the District and was leased to the state whereby the state leased it to the county in the early 1960s'. He stated that the lease agreement allows the District to use this site for Dredged Material Management and there is a designated a use area of 13 acres in the northeast corner of this property. He

stated that in regards to this project, the District would like to make sure that there are no permanent park structures located in the northeast area of the island. Ms. Morgenstern stated that the county Resource Management Plan for this island delegates the northeast corner of the island to the FIND project and there are no permanent structures at that location.

Commissioner Sansom asked if the District has to notify the county if we are planning to use that site. Mr. Crosley stated that we would have approximately a year's notice. He stated that we may need to use the site for seagrass mitigation. Ms. Morgenstern stated that the county is aware of the seagrass mitigation possibilities and has not made a determination as to how that would affect the lease agreement, taking the area from spoil use to seagrass mitigation use.

Vice-Chair Chappell noted that the county has done a great job with this island.

ITEM 11.48. South Fork New River Channel Markers, Phase II, Broward County.

Mr. John Fiore, with Broward County, presented the Phase II application to provide for the installation of navigational channel markers on a portion of the South Fork of the New River. He stated that this body of water connects to the Dania Cut-Off Canal and it has serious navigational challenges. He stated that there are frequent groundings and additionally, there are rock ledges that can cause significant damage to boats, propellers, and the lower unit. He stated that once completed, this project will provide safe navigation to this portion of the river. He noted that all permits have been received.

Treasurer Blow asked about the marker fasteners. Mr. Fiore stated that they will all be stainless steel.

Vice-Chair Chappell stated that the South Fork of the New River connects to the Dania Cut-Off Canal that leads to the Intracoastal Waterway (IWW). He stated that this project is overdue and much needed.

ITEM 11.49. Municipal Marina Renovation Project, Phase II-B, City of Dania Beach.

Attorney Breton stated that Vice-Chair Chappell has declared a Conflict of Interest in this project and has expressed the desire to participate in the discussion but that he will not be eligible to vote or rank this application. He stated that in accordance with procedures, the content of the memorandum must be read aloud to the public. Attorney Breton read aloud the memorandum.

Mr. Colin Donnelly, with the City of Dania Beach, presented the Phase II-B application to expand and renovate the City Marina. He stated that the primary goal of this project will be to dredge the basin channel, replace 92 existing dock slips, add 28 transient boat slips, replace approximately 1,450 linear feet of vertical seawall, and construct a new Harbormaster's office with laundry and shower facilities. He stated that this marina will remain a public small boat marina, and would be limited to boats no larger than 50 feet. He stated that the site offers ample parking, a public beach, fish cleaning stations, two restaurants, and bathrooms with shower facilities.

Vice-Chair Chappell stated that this renovation project is part of a larger Community Redevelopment Area (CRA) project. He stated that the pier building was recently redone and the restaurant now has a new tenant. He stated that the facility provides beach access to this marina and it is a very important component to the overall revitalization of this area.

ITEM 11.50. Marine Motors Replacement, City of Fort Lauderdale.

Sgt. Todd Mills, with the City of Fort Lauderdale, presented the application to purchase two Yamaha outboard motor engines for one of the city's marine unit's vessels. He stated that the unit patrols 140 miles of waterway within the City of Fort Lauderdale.

Vice-Chair Chappell stated that this is the marine unit's first application for outboard motor engines.

ITEM 11.51. Bahia Mar Marina Dredging Project, PH I-A, City of Fort Lauderdale.

Mr. Lee R. Feldman, for the City of Fort Lauderdale, presented the Phase I-A application to continue to plan and permit the dredging of the Bahia Mar Marina to a depth of minus 17 feet to connect the facility with the proposed deepening of the adjacent Intracoastal Waterway (IWW) channel. He stated that this project will allow the Bahia Mar Marina and the Las Olas facility to provide services to mega-yachts, and he noted that a mega-yacht is defined as a vessel that is 80 feet or more in length. He stated that during the last two years, Port Everglades has attracted 99 mega-yachts each year. He stated that it is estimated that each mega-yacht spends approximately \$500,000 or more on services when in port. He stated that by the year 2020, it is estimated that there will be 20,000 mega-yachts world-wide.

Commissioner Isiminger noted that these two projects are great projects. He asked that the city work with the District's consultants to coordinate the projects with the IWW deepening project.

Vice-Chair Chappell stated that many mega-yachts are mooring at Port Everglades and they provide tremendous economic impact to the area. He stated that the IWW

deepening and the deepening of these two facilities are really important to the area. He noted that the Port is considering no longer allowing these mega-yachts to moor at their facility.

Commissioner Sansom stated that the District, Cities, and Counties should work together to present legislation regarding the types of projects that could qualify for mitigation. He stated that perhaps seagrass mitigation could be more than scraping down a site and planting grass. He stated that mitigation should be related to water quality and includes stormwater run-off projects and baffle box installations.

Vice-Chair Chappell stated that the city has had this same discussion and is working with the industry, lobbyists, and others to draft a bill for this coming session regarding seagrass mitigation. Commissioner Sansom suggested that they be ready when the window of opportunity opens. Vice-Chair Chappell stated that the city is hopeful the industry will be ready this year.

ITEM 11.52. Las Olas Marina and Aquatics Complex Dredging Project, PH I-A, City of Fort Lauderdale.

Mr. Lee R. Feldman, for the City of Fort Lauderdale, presented the Phase I-A application to continue to plan and permit the dredging of the Las Olas Marina and Aquatics Complex to a depth of minus 15 feet to connect the facility with the proposed deepening of the adjacent Intracoastal Waterway (IWW) channel. (Note, Further discussion of this project was undertaken during Item 11.51.)

Chair Kavanagh called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 12:01 p.m.

Chair Kavanagh reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 1:04 p.m.

ITEM 11.53. Bert Winters Park Acquisition, Palm Beach County Parks.

Mr. Eric Call and Ms. Jean Matthews, with Palm Beach County Parks, presented the application to purchase a one-acre parcel adjacent to Bert Winters Park, which is located in northern Palm Beach County. Mr. Call stated that this waterfront property was the former site of the Palm Beach Marine Institute which closed last year. He stated that the site has a 6,500 square-foot building, a covered patio, and day use docks. He stated that the county plans to add a kayak facility to the day use dock and additional car/trailer parking spaces. He noted that the current 15.4 acre waterfront park that is located on the east side of the Intracoastal Waterway (IWW) includes two concrete boat ramps, 24 car/trailer parking spaces, three finger docks, a restroom, picnic shelters, ball fields, and tennis courts.

Treasurer Blow asked about FIND conveying this property to the county in 1975. Mr. Crosley stated that the District traded with the county this park site for another site, which is now a permanent Dredged Material Management Site.

Treasurer Blow asked about the property that was used by the school. Ms. Matthews stated that the county traded that small parcel to the school in exchange for property on Peanut Island, which gave the county control over that section of the island.

Commissioner Isiminger stated that it is a shame that the school is no longer operational, but including the property back into this park is a great use of that property.

ITEM 11.54. Grassy Flats Estuarine Habitat Restoration Project, Palm Beach County.

Mr. Robert Robbins and Mr. Dan Bates, with Palm Beach County, presented the application to restore the Grassy Flats Estuarine Habitat for fish and wildlife. Mr.

Robbins stated that the project is located between the Intracoastal Waterway (IWW) and the Palm Beach Par 3 Golf Course in central Lake Worth Lagoon. Mr. Robbins stated that muck sediments will be capped with a thin layer of sand to restore 10.5 acres of seagrass and enhance 9.3 acres of adjacent seagrass through water quality improvements. He noted that two small islands will be created to provide 1.7 acres of intertidal habitat. He stated that limestone rock will be placed along the perimeter of each island to stabilize the fill and provide 0.6 acre of oyster/artificial reef habitat.

Vice-Chair Chappell asked if the project includes dredging of the channel. Mr. Robbins answered no and stated that at this time the county will be marking an existing trough and they will be maintaining the channel moving forward.

Commissioner Crowley asked about the success of the Snook Island project. Mr. Robbins stated that back in the 1950's, approximately 1 mile of submerged land was excavated 20 feet deep to create a golf course that protrudes out from the historic shoreline. He stated that at the same time muck sediment from Lake Okeechobee (OWW) settled down into that deep hole, creating a dead zone. He stated that the county brought in clean sand to fill and cap the dead zone. He stated that once there is a clean sand bottom that sunlight can reach, there will be the growth of seagrass. He stated that during the last check, there were 38 acres of seagrass, mangroves, and an oyster reef. He noted that oystercatchers were not previously found in Palm Beach County and he stated that now, because of this project there are nesting oystercatchers in the area.

Commissioner Isiminger declared a Conflict of Interest in this project. He stated that he will not participate in the discussion, vote or rank this application.

Commissioner Sansom asked if this project is as large as the Snook Island Project. Mr. Robbins answered no that it is much smaller. Commissioner Sansom asked if plans include capturing muck and adding sand to the area. Mr. Robbins answered yes.

ITEM 11.55. Highland Beach Mangroves Shoreline Restoration Project, Palm Beach County.

Mr. Robert Robbins and Mr. Dan Bates, with Palm Beach County, presented the application to construct two limestone oyster reef/breakwaters/rock revetments on submerged lands in and around two mangrove preserves totaling 25 acres along the eastern shoreline of the Intracoastal Waterway (IWW) in Highland Beach. Mr. Robbins stated that this will protect and stabilize the shoreline habitat from erosive wave activity caused by boat wakes and prevent eroded material from migrating into the IWW channel. He stated that the oyster habitat will provide essential habitat for estuarine fish and serve as a substrate for oysters, which provide the added benefit of improved water quality.

Commissioner Isiminger stated that this project is tucked away from the channel and is located along a mangrove shoreline that is not used recreationally. He stated the project will help keep erosion and muck from the District's IWW channel and reduce future maintenance dredging costs.

ITEM 11.56. Juno Dunes Shoreline Restoration Project, Palm Beach County.

Mr. Robert Robbins and Mr. Dan Bates, with Palm Beach County, presented the application to construct limestone oyster reef/breakwaters on submerged lands along the eastern shoreline of the Intracoastal Waterway (IWW) at the Juno Dunes Natural area. Mr. Robbins stated that this project will protect and stabilize the shoreline habitat from

erosive wave activity caused by boat wakes and prevent eroded material from migrating into the IWW channel. He stated that the oyster habitat will provide essential habitat for estuarine fish and serve as a substrate for oysters, which provide the added benefit of improved water quality.

Commissioner Isiminger stated that this project is located in an area of the IWW that is not a slow speed zone and is needed for shoreline stabilization.

ITEM 11.57. Ocean Inlet Park Improvements, PH I, Palm Beach County Parks.

Mr. Eric Call and Ms. Jean Matthews, with Palm Beach County Parks, presented the Phase I application to plan, design, and permit a breakwater/wave attenuation structure and new seawall at Ocean Inlet Park in Boynton Beach. Mr. Call stated that the 20-slip marina can accommodate vessels up to 45 feet, however the vessels are currently adversely impacted by boat wake from vessels using the inlet for ocean access. He stated that the construction of a breakwater/wave attenuation structure will protect the vessels in the marina and can also be designed to be used as a fishing pier. He also stated that the seawall is heavily damaged and requires replacement.

Mr. Call noted that this 11.39 acre park is located along both sides of the South Lake Worth Inlet, the Atlantic Ocean, and the Intracoastal Waterway (IWW) and is popular with boaters, fisherman, and beach goers.

Commissioner Isiminger stated that this is a heavily used facility, located at the inlet, providing boater access to the IWW.

ITEM 11.58. Waterway Park Development, Palm Beach County Parks.

Mr. Eric Call and Ms. Jean Matthews, with Palm Beach County Parks, presented the application to construct a new 26-acre Waterway Park that will include a boat

launching basin with two launching lanes, a 201' staging dock, three concrete boat ramps, four 47' floating boarding docks, a fishing pier/overlook, restrooms, an elevated rain shelter, 54 car/trailer parking spaces, and 24 car parking spaces. Mr. Call stated that this new facility may represent one of the last opportunities to construct a public boat launching facility in Palm Beach County.

Commissioner Isiminger stated we need more boat ramp facilities, especially in Northern Palm Beach County. He stated that there is one boat ramp facility in that area and there are car/trailers parked all along the roadside on the weekend. He stated this is a well-designed facility that relates to the Intracoastal Waterway (IWW).

Commissioner Crowley stated that this is a great area that is in need of an additional boat launching facility.

ITEM 11.59, Lake Park Harbor Marina Breakwater, Phase II, Palm Beach County.

Mr. James C. Hart, with the Town of Lake Park, presented the Phase II application to construct an additional section of the marina's breakwater. He stated that this breakwater expansion is necessary because of the excessive wave action in the entrance of the marina. He stated that project plans include the addition of four channel markers at the entrance to the marina. He stated that this marina is located in a narrow part of the Intracoastal Waterway (IWW) and therefore the wakes from large boats and winds have hampered previous improvements to this marina.

Commissioner Isiminger stated that this is a necessary project at a true municipal marina serving many boaters large and small. He stated that it is located directly on the Intracoastal Waterway (IWW) and the inlet.

ITEM 11.60. North Lake Park, Town of Lantana.

Ms. Maggie Barszewski, with the Town of Lantana, presented the application to create a handicapped-friendly one acre water access and viewing park. She stated that the amenities to be provided include; a fully ADA handicapped accessible kayak/canoe launch to the Intracoastal Waterway (IWW), upgrades to the existing pier, a park path, and an additional 30 parking spaces. She stated that this facility provides waterway access to adjacent restaurants.

Commissioner Isiminger stated that the kayak launch is a good use for this property.

Commissioner Sansom noted that it seems that the vehicle parking is a good distance from the kayak beach area. Ms. Barszewski stated that the town has discussed including a kayak launch track that will bring the kayak to the beach area. Commissioner Isiminger stated that the actual beach area is not that far away from the parking lot.

ITEM 11.61. Town of Palm Beach Waterway, Phase II, Town of Palm Beach.

Attorney Breton stated that Commissioner Charles C. Isiminger has declared a Conflict of Interest in this project and has expressed the desire to participate in the discussion but that he will not be eligible to vote or rank this application. He stated that in accordance with procedures, the content of the memorandum must be read aloud to the public. Attorney Breton read aloud the memorandum.

Mr. John Duchock, for the Town of Palm Beach, presented the Phase II application to permit for the dredging of a 60-foot long, six foot deep channel to provide navigation access to a 500 acre estuary on the Intracoastal Waterway (IWW) in Lake Worth. He stated that the current waterway conditions include small spoil islands, old

poles, mangroves and very narrow channels. He stated that this new waterway will link existing areas of greater depth to reduce dredging volumes and will provide safe public access to and from the waterway. He stated that this project will open up a section of historical waterway to recreational users by marking the channel going into the area.

Commissioner Netts asked what component of the public would use this waterway and why. Mr. Duchock stated that this waterway is part of a loop system that will provide access to boaters without local knowledge of the area. He stated that this is an area that is great for fishing and viewing of the upland area.

Commissioner Isiminger stated that this is a great dredging project. He noted this project will generate economic opportunity, increase property values and could promote the purchase of larger boats by adjacent homeowners.

Commissioner Crowley stated that he feels that this is a private waterway serving private residents. He asked about the District's funding rule for this type of project. Mr. Crosley stated that this type of project is eligible for funding in the amount of 50% of the project cost and if there are adjacent public facilities, the match is 75% of the project cost. He noted that the applicant has applied for less than 50% in funding.

Mr. Crosley stated that this project received Phase I funding. He stated that this is a waterway that loops through a scenic fishing area and back to the IWW.

Vice-Chair Chappell noted that this application is for channel dredging in a section of the waterway that services private residents and does not lead to a boat ramp, park, or provide public land access. He stated that he does not feel it meets the District's requirements.

Attorney Breton noted that the statute reads that all public navigation projects must have at least one publicly accessible facility open to the public to be eligible for up to 50% funding. He stated that without this publicly assessable facility, the project classification drops from Priority #1, Public Navigation Channel Dredging, to Priority #17, Other Waterway Related Projects.

Commissioner Isiminger stated that if we drop the project Priority to #17, he still feels that this is a worthwhile public use project. He stated that he does feel that the waterway would be used by fishermen, water skiers, and jet skis.

Mr. Crosley stated that he looks at this project as a benefit to the public by providing boating access to an area that historically has not been utilized. He stated that he feels that the fact that this waterway loops back to the IWW will attract boaters.

Commissioner Crowley stated that because the waterway does not have access to a public facility, he feels that the residents that receive benefit from this project should be contributing to the project. Mr. Duchock stated that there is local willingness to support this project with cost share.

Commissioner Isiminger stated that the residents located within the project area are contributing two-thirds of the project cost and generate approximately \$600,000.00 yearly for FIND tax revenue. He stated that the Town of Palm Beach is managing the project.

Mr. Crosley noted that if this project is funded partially with public money, the waterway will stay open to the public.

Commissioner Sansom stated that the District appreciates the tax contributions the residents make to the District. He stated that public tax money should be used to fund public waterway projects that have a public facility along that waterway.

Chair Kavanagh called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 2:32 p.m.

Chair Kavanagh reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 2:48 p.m.

ITEM 11.62. Anchorage Park, Phase II, Village of North Palm Beach.

This application was withdrawn.

ITEM 11.63. Restore Boardwalk, Navigation, and Dock, N. Marina Basin, Phase II, City of Belle Glade.

Ms. Lillian Tomeu, with the City of Belle Glade, presented the Phase II application for the construction of a pavilion, renovation of the boardwalk, gangway and piers. She stated that this six-acre facility provides access to Route 2 of the Okeechobee Waterway (OWW).

Ms. Tomeu stated other elements of the facility will include the installation of buoys, lighting, navigational markings, and possibly the installation of a fuel facility.

Commissioner Isiminger stated that this is a beautiful facility and a great project that serves a large public area of OWW. He stated that this facility is a Bass Fishing Tournament location, which is a huge revenue generator and good use of the waterway.

ITEM 11.64. Hillsboro Canal Maintenance Dredging Project, PH I, City of Boca Raton.

Mr. John Sprague, for the City of Boca Raton, presented the Phase I application to plan, engineer, and permit for 1,240 feet of maintenance dredging of the Hillsboro Canal

from the Intracoastal Waterway (IWW) to the Dixie Highway Bridge. He noted that installation of channel markers to assist in safe navigation will also be part of this project.

Mr. Sprague stated that the Hillsboro Canal is a major canal system that provides stormwater conveyance and flood protection, access to three commercial marina facilities, one boat ramp, and navigation for boaters to the IWW. He stated that currently, the waterway channel is badly shoaled and not well marked.

Mr. Sprague stated that this is a joint City of Boca Raton and City of Deerfield Beach project.

Commissioner Isiminger stated that this waterway serves many boaters and numerous public facilities. He stated that the channel dredging and marking is very much needed.

Vice-Chair Chappell asked if the City of Deerfield Beach has officially committed to this project. Mr. Sprague stated that both the City of Deerfield Beach and City of Boca Raton have executed resolutions committing \$25,000.00 each to the project. He stated that the remaining funding came from an agreement between the boaters at the Royal Palm Yacht Club. He noted that the City of Boca Raton would become the project applicant.

Vice-Chair Chappell declared a Conflict of Interest on this project. He stated that he was unaware that the Royal Palm Yacht Club and the City of Deerfield Beach were involved or committed to this project. He stated that the Royal Palm Yacht Club is a potential client of his firm and the City of Deerfield Beach is currently a client.

ITEM 11.65. Municipal Marina Construction, Phase B, City of Riviera Beach.

Mr. John Sprague, for the City of Riviera Beach, presented the Phase B application for the construction of concrete floating docks, decked aluminum docks, pilings, gangway, utility components, a fixed concrete fueling platform with a new fuel system, replacement of marina Pier C and portions of Piers D and D-1. He stated that this phase will complete the remaining permitted southern section of the City Marina.

Mr. Sprague stated that the marina management plan calls for moving all the marina tenants to the north end of the marina while the south end is under construction. He stated that this will allow for continued operation by charter boats as well as other existing tenants. He stated that this marina has a lot of commercial boats that take the public out on the water, including a water taxi. He noted that on a holiday weekend the water taxi transports 3,200 people to Peanut Island. He stated that this marina is located on the Intracoastal Waterway (IWW) and adjacent to the Palm Beach Inlet. He stated that this marina is being constructed to withstand a category three hurricane. He noted that this marina has an enterprise fund set up for future maintenance.

Commissioner Isiminger stated that the Riviera Beach Marina is ideally located and is a large complex. He stated that this new project layout will maximize the marina's ability to accommodate various sized boats.

ITEM 11.66. Marsh Preserves Launch, Fishing Improvements, Phase II, City of Atlantic Beach.

Mr. Tim Gilboy, with the City of Atlantic Beach, presented the Phase II application to construct fishing pier amenities, kayak/canoe launch, boardwalk, pavilion, and parking on the north side of Dutton Island. He stated that this preserve has nearly 400 acres of marsh and associated uplands on the Intracoastal Waterway (IWW). He

stated that these improvements were requested by the residents and will provide public recreational opportunities and access to the waterway. He stated that the city has developed a 20-year master plan for this park.

Treasurer Blow stated that the City of Atlantic Beach is a very small area and they have worked together to develop an amazing master plan of what they want to achieve with this facility.

ITEM 11.67, Arlington Lions Club Boat Ramp Boardwalk, PH I, City of Jacksonville.

Ms. Jody McDaniel, with the City of Jacksonville, presented the Phase I application to design and permit an additional 750-feet of a shoreline boardwalk at Blue Cypress Regional Park. She stated that this will connect this park to the Arlington Lions Club Park and the completed boardwalk and walkway path will be over two miles long.

Ms. McDaniel stated that other amenities in this park include a fishing pier, 2 floating docks, and picnic facilities and that it connects to the Arlington Lions Club Park that has a boat ramp facility.

Treasurer Blow stated that these parks are located in a densely populated area.

ITEM 11.68, Charles Reese Fishing Pier, PH I, City of Jacksonville.

Ms. Jody McDaniel, with the City of Jacksonville, presented the Phase I application to design and permit a fishing pier at Charles Reese Park. She stated that existing amenities at this park include picnic facilities, a playground area, and a single-lane boat ramp which needs to be dredged so that motorized boats can use the facility. She stated that it is hoped that with the construction of the fishing pier, which will provide water access to the park, use of this park will increase.

Commissioner Sansom asked if there were any fishing areas south of this facility.

Ms. McDaniel answered no.

Treasurer Blow stated that this park is located in a challenged neighborhood and will be well used.

ITEM 11.69. County Dock Boat Ramp, PH I, City of Jacksonville.

Ms. Jody McDaniel, with the City of Jacksonville, presented the Phase I application to design and permit for the removal of deteriorated rip-rap, a boat ramp, and parking obstructions. She stated that another part of this Phase I application will be to perform a survey to determine how to remove old pilings left from a pier that was located adjacent to this boat ramp. She stated that the site will be redeveloped for a new launch area for small motorized boats, kayaks, and canoes.

Treasurer Blow stated that this facility is heavily used and will provide much needed public access to this river.

ITEM 11.70. Exchange Island, PH I, City of Jacksonville.

Ms. Jody McDaniel, with the City of Jacksonville, presented the Phase I application to design and permit for a 35-foot floating boat dock and shoreline kayak area, two picnic pavilions, and a hiking trail. She stated that this facility is located in downtown Jacksonville.

Treasurer Blow stated that this project will provide boaters access to downtown Jacksonville.

ITEM 11.71. Fishing Creek Dredge, City of Jacksonville.

Ms. Jody McDaniel, with the City of Jacksonville, presented the application to dredge 2,500 cubic yards of material from several channel areas of Fishing Creek. She

stated that the dredge template will take this channel to minus 12 feet mean-low-water. She stated that this section of the city has the highest number of registered boat owners and this creek is popular with boaters.

Treasurer Blow referred to the Project Cost Estimate and noted that the dredging amount states 14,000 cubic yards of material. Ms. McDaniel stated that she has presented the current dredging estimate, which is 2,500 cubic yards, and stated that amount could change after the final project plan.

ITEM 11.72. Half Moon Island Boat Ramp, PH I, City of Jacksonville.

Ms. Jody McDaniel, with the City of Jacksonville, presented the Phase I application to design and permit an access road, motorized boat ramp, and boat trailer parking area at the proposed Half Moon Island Park. She stated that the boat ramp and kayak launch projects for this park are being presented separate because at the time of application, the city was uncertain that the boat ramp would be permitted due to regulatory issues. She stated that since that time, the city has found out that they will be able to develop an access road into this facility. She noted that when the city has goes to the Phase II application, if everything is permitted, the city will present the boat ramp and kayak launch projects as one application.

Treasurer Blow stated that this is an interesting project that is located 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.

ITEM 11.73. Half Moon Island Kayak Launch, PH I, City of Jacksonville.

Ms. Jody McDaniel, with the City of Jacksonville, presented the Phase I application to design and permit a new waterfront park with parking, picnic pavilions, fishing pier, and a kayak/canoe launch.

Ms. McDaniel stated that these two projects will provide access to the Timucuan Preserve and she noted that the vistas from this site are breathtaking. She stated that the Preserve supports this project.

ITEM 11.74. Lighting At Two Boat Ramps, City of Jacksonville.

Ms. Jody McDaniel, with the City of Jacksonville, presented the application to install lighting at two boat ramp facilities that have recently extended park hours to 24 hours. She stated that the first facility is the IWW Boat Ramp and the second is Jim King Park. She stated that these boat ramps are very popular with boaters, fishermen and shrimpers. She stated that the project is in response to public requests for these extended park hours.

Treasurer Blow stated that both of these heavily-used facilities are located on the Intracoastal Waterway (IWW). He stated that these facilities are being used at night without lighting, and that lighting would make them safer.

ITEM 11.75. Northbank Riverwalk, PH I, City of Jacksonville.

Ms. Jody McDaniel, with the City of Jacksonville, presented the Phase I application to design and permit the replacement of an existing two-mile long wooden pedestrian bridge, install pavers, fill a small cove area of Gefen Park, and construct a bulkhead to stabilize the shoreline. She stated that this project is part of the Northbank

Riverwalk and is a highly used shoreline promenade located in downtown Jacksonville. She stated that future projects will include a kayak launch.

Treasurer Blow stated that the downtown Jacksonville Riverwalk has been very successful and is heavily used. He noted that last year the city installed several floating docks which provide boaters access to downtown businesses, including a farmer's market. He stated that the city has done a lot of waterway projects to attract boaters to the downtown area.

Commissioner Crowley asked about the city extending the riverwalk. Ms. McDaniel stated that the city planned to extend the riverwalk under the bridge connecting several facilities and parks all the way to Metro Park.

ITEM 11.76, Northshore Kayak Launch, PH I, City of Jacksonville.

Ms. Jody McDaniel, with the City of Jacksonville, presented the Phase I application to design and permit a kayak/canoe launch, provide access from existing parking, and stabilize the shoreline at Northshore Park located on the Trout River. She stated that this is a heavily-used family park with picnic facilities and a playground. She stated that a future project may include a fishing platform.

Treasurer Blow stated that this area has been neglected and this project is a great opportunity to provide the public with access to this river.

ITEM 11.77, Ortega Channel Markers, PH II, City of Jacksonville.

Ms. Jody McDaniel, with the City of Jacksonville, presented the Phase II application to install 11 new channel marker buoys and replace three existing buoys within the Ortega River. She stated that the waterway is very narrow in this section. She stated that there are five marinas in this area and currently sailboats anchor

haphazardly causing problems for boaters trying to navigate the area. She stated that this project will greatly enhance the safe navigation of vessels in this area.

Treasurer Blow stated that this is a heavily used area and is near the Land Yacht Center, which is a major boat repair facility. He stated that the city has been discussing putting a mooring field at this location. Ms. McDaniel stated that the city has done the preliminary design for the mooring field and is currently waiting for the regulations that will be developed by the state from the mooring field pilot program.

Commissioner Sansom stated that the mooring field pilot program should be completed by 2014 and legislation should be passed by 2015. He noted that the program will not tell you how to develop a mooring field and stated that the future law will only tell the moored boaters what their responsibilities will be.

ITEM 11.78. Sisters Creek Dock Redesign, PH I, City of Jacksonville.

Ms. Jody McDaniel, with the City of Jacksonville, presented the Phase I application to design and permit relocating the floating docks and pilings at Sisters Creek. She stated that the area keeps shoaling at low tide so the city is moving the docks out further into deeper water. She stated that the engineers suggest that the solid concrete wall at the Jim King section of the park is pushing silt into the channel where the floating docks are currently located. She stated that this park is directly located on the Intracoastal Waterway (IWW) and is the city's premier boater facility.

Treasurer Blow stated that this is a critical facility in the city and is close to the Intracoastal Waterway (IWW). He stated that the view from this facility is beautiful.

ITEM 12-B. Public Comments.

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

ITEM 13. Additional Staff Comments.

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

Mr. Crosley noted the next Board meeting will be held in Fernandina Beach.

ITEM 14. Additional Commissioner Comments.

Chair Kavanagh asked if there were any additional Commissioner comments.

Chair Kavanagh thanked Mr. Crosley for the organized agenda and application presentations.

Commissioner Crowley asked if we are scheduled for a waterway tour this year. Mr. Crosley answered no. Commissioner Crowley stated that he would like the District to include a waterway tour in the budget and schedule one for next year.

Commissioner Sansom asked that the waterway tour not be scheduled during the Legislative Session. He also asked that the tour be done on the southern end of the District's waterways.

Mr. Crosley stated that the Ponce Inlet dredging project has begun. He stated that staff was notified that there are shore nesting birds on MSA 434. He stated that staff sent an environmental firm to assess the activity. He stated that staff feels that they can resolve this issue by using the site buffer, but we wanted to make commissioners aware of the situation.

Commissioner Crowley asked if any governmental entity has attempted to stop our use of this site. Mr. Crosley answered no.

Commissioner Sansom thanked staff for last evening's Community Outreach Event and stated that he appreciated so many applicants and local government leaders

attending. He also thanked staff for guiding the applicants through this process and complimented them for doing a great job.

ITEM 15. Adjournment.

Chair Kavanagh stated that hearing no further business the meeting was adjourned at 4:36 p.m.

MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT
Board of Commissioners Meeting
9:00 a.m., Friday, July 19, 2013
Hampton Inn
19 South Second Street
Fernandina Beach, Nassau County, Florida

ITEM 1. **Call to Order.**

Chair Kavanagh called the meeting to order at 9:06 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 Cuzzo called the roll and Chair Kavanagh, Vice-Chair Chappell, Treasurer Blow, Commissioners Bowman, Dritenbas, Isiminger, McCabe, Netts, Sansom and Williams were present. Secretary Cuzzo stated that a quorum was present. Commissioner Crowley arrived to the meeting at 9:22 a.m.

ITEM 4. **Additions or Deletions.**

Chair Kavanagh asked if there were any additions or deletions to the meeting agenda. There were none.

Vice-Chair Chappell made a motion to approve the final agenda as presented. The motion was seconded by Treasurer Blow. Chair Kavanagh asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 5. Public Comments.

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

Mr. John Yuni, of Jacksonville, stated that he would like to thank the Board for their comments and suggestions provided to him at the District's previous meetings. He stated that after working on this for five years, he is still seeking a sponsor for the development of a pocket park with a floating dock in Jacksonville.

Commissioner Bowman thanked Mr. Yuni for his hard work and stated that he appreciates his desire to make downtown Jacksonville a better place.

Commissioner Sansom encouraged Mr. Yuni to keep working on this project. He stated that these projects take time.

ITEM 6. Comments from the U.S. Army Corps of Engineers.

Mrs. Shelley Trulock, the Intracoastal Waterway (IWW) Project Manager with the U.S. Army Corps of Engineers (Corps), stated that the Florida Department of Environmental Protection (FDEP) waived the requirement for a final inspection of DMMA IR-2. She stated that the Corps will be providing the District staff with the turn over documentation and the as-built will be sent electronically. She stated that when the District receives the as-built, if there are any changes identified, the Corps will incorporate those changes into the documents.

Mrs. Trulock stated that the dredging of the Atlantic Intracoastal Waterway (AIWW) at Sawpit began July 17th. She stated that the project will remove approximately 591,000 cubic yards of material from the channel. She stated that 13,000 cubic yards of non-beach quality material will be placed in DMMA DU-2, with the

remaining material being placed on the beach. She stated that she will be coordinating the dredged material management at DMMA DU-2 with Taylor Engineering.

Mrs. Trulock stated that development of plans and specifications for the IWW Indian River Reaches 1 and 2 are in the works. She stated that it is estimated that 264,000 cubic yards of material will be removed and will be placed in DMMA IR-2. She stated that she is coordinating with the District staff for the required updated seagrass survey for the proposed pipeline corridor.

Mrs. Trulock stated that the IWW Bakers Haulover and Jupiter dredging projects will be funded by Hurricane Sandy emergency supplemental funding received by the Corps. She stated that the Corps was required to perform a cultural resource survey and therefore the bid opening has been changed to the end of August 2013. She noted that these projects will be completed by the Corps' existing small business MATOC. She stated that dredging of Bakers Haulover should begin by middle October 2013 and upon completion of Bakers Haulover, we will begin the Jupiter project.

Mr. Crosley presented Work Order # 37-2013-02 for additional dredging in the vicinity of Jupiter Inlet. He stated that there will be dredging of additional material from Cut P-4 of the IWW in the vicinity of the Jupiter Inlet. He stated that the Corps will be dredging Cuts P-1 through P-4 of the IWW in the vicinity of the Jupiter Inlet with Operations and Maintenance funding related to impacts of Hurricane Sandy. He stated that a portion of Cut P-4 is not eligible for supplemental funding. He stated that based on a recent hydrographic survey, there is approximately 3,000 cubic yards of shoal material located within the advanced maintenance area. He stated that project cost will be \$34,500.

Mrs. Trulock stated that in 1971, when the authorized depth was 12-feet, Cut P-4 was dredged to 14-feet. She stated that since that time, this area was maintained by the Corps and no one can find the paperwork regarding this project, but we all know it has been done. She stated that she is putting together new paperwork for advanced maintenance of this Cut and if the Corps can get this approved, prior to going to advertisement, the Corps will pay for the project and she will not require FIND's contributed funding.

Treasurer Blow made a motion to approve the Work Order # 37-2013-02 with the USACE in the amount of \$34,500 for Additional Dredging of the IWW in the Vicinity of Jupiter Inlet. The motion was seconded by Vice-Chair Chappell. Chair Kavanagh asked for discussion. Hearing none, a vote was taken and the motion passed.

Mrs. Trulock introduced Mr. Larry Taylor, with the Corps Unmanned Aerial Vehicle (UAV) program. She stated that this program has been operational since 2011 and has flown approximately 200 different missions in various places within the state of Florida.

Mr. Taylor introduced Sargent Travis Barnett, with the Corps UAV Program. Mr. Taylor stated that Sargent Barnett will be with the Jacksonville District for the next three months. He stated that the missions have included monitoring of invasive species, structural condition of levees and canal banks, and wildlife census data collection. He noted that upcoming missions include pollution monitoring and boundary survey marking. He stated that most missions are flown at 1,000-feet and can monitor 10,000 to 15,000 acres of land per day.

Mr. Taylor stated that within the next six months we will be adding the capability of thermal imaging. He stated that this thermal imaging capability will help us monitor leaks in the Herbert Hoover Dike and changes over time.

Commissioner Dritenbas asked about the cost of the system to fly over and photograph a District Dredged Material Management (DMMA) site. Mr. Taylor stated that the cost is \$5,000 per day and that would include images, plus the 3-D mosaic, which would provide within 80 percent reliability, the quantity of material within a site. He noted that the exact material quantity would require land surveying.

Commissioner Isiminger asked if the system is available for private party surveying. Mr. Taylor answered no and stated that they can only fly in conjunction with a government agency.

Vice-Chair Chappell asked if the cost of using this system has been compared to standard aerial and quantity surveying methods. Mr. Crosley suggested that there may be some applications that the District could use this technology, if the cost savings is there.

Commissioner Dritenbas asked if this could be used for seagrass mapping. Mr. Taylor answer yes and stated that they just finished a mission in the Tampa Bay where the Corps measured the amount of prop scar damage to seagrass beds.

Dr. Taylor asked about the flight endurance. Mr. Taylor stated that a typical mission lasts 1 hour and 15 minutes. Dr. Taylor asked about weather sensitivity. Mr. Taylor stated that the actual aircraft is not sensitive to rain, but the Corps does not like to fly in the rain because all the data comes through the PO tube and we do not want the lead in the tube disrupted.

Mr. Crosley asked about the thermal imaging to monitor dike leakage. Mr. Taylor stated that the equipment will detect temperature changes in the dike wall and that will indicate if there is a crack or leak before there is any water seepage. He stated that the system is still being tested.

Mr. Roach asked if the Corps of Engineers has used this data for project plans and specifications. Mr. Taylor answered yes and noted at the Lake Okeechobee culvert project.

Mrs. Trulock stated that the Corps' new survey vessel, the Florida II is a state of the art Catamaran capable of transporting 40 people and could be used for a IWW Boat Tour. She stated that the cost to use this vessel is approximately \$28,370.00 for five days including the crew. She stated that the Corps will be required to use a shadow vehicle at a cost of \$1,313.00 for a total cost of \$34,558, which would be divided between the District and the Corps. She stated that an October/November time frame is being considered.

Mr. Crosley asked noted about the Colonel's schedule. Mrs. Trulock stated that she would get that information and coordinate the trip. She also noted that we could consider a shorter trip, perhaps 1 ½ days on the water.

Mr. Crosley noted that for many years the District's waterway inspection trip was completed annually and the Corps paid for the trip. He stated that as funding became a problem, the trip was suspended. He stated that originally, the trip would cover ½ of the District's waterway. He stated that the southern portion was from Stuart to Miami and the northern section was from Stuart to Fernandina Beach. He noted that staff has had

inquiries from Board members regarding the trip, especially with all the new Board members that have not toured the District's waterways.

Commissioner Dritenbas asked if passengers spend the night on this vessel. Mr. Crosley answered no and stated that arrangements are made for hotel stays. He stated that passengers will board the vessel around 8:00 a.m. and we will travel the waterway, listen to presentations from local waterway representatives and view District projects, and each day various local officials and the general public travel with us. He stated that a full day ends around 4:30 p.m.

Commissioner Isiminger stated that because of the heat and tropical weather, he would recommend that this trip be made after September.

Commissioner Netts noted that this is an educational tour of the IWW.

Vice-Chair Chappell made a motion to approve expenditure of a fifty percent match with the Corps for a Waterway Inspection Tour, not to exceed \$20,000.00. The motion was seconded by Commissioner Sansom. Chair Kavanagh asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 7. Status Report on District Programs Within Nassau County.

Mr. Crosley stated that Nassau County joined the District in 2004. He stated that the District completed the Phase I Dredged Material Management Plan for the Atlantic Intracoastal Waterway (AIWW) in Northeast Florida in 1986. He stated that this plan was updated in 2007 in response to public and legislative concerns and the dredging reach boundaries were slightly altered. He stated that over the next 50 years, 1.3 million cubic yards of material will need to be dredged from the AIWW in Nassau County to maintain its navigability. He stated that the plan designates that dredged material from

Dredging Reach I, which is not beach quality, will be managed at DMMA NA-1 on Crane Island and that dredged material from Dredging Reach II, which is beach quality, will be placed on the Amelia Island State Park beach.

Mr. Crosley stated that the AIWW in Dredging Reach II was last dredged in 2006-2007 and maintenance dredging of the IWW Sawpit area is currently being dredged of 578,000 cubic yards of beach compatible material to be placed on the Amelia Island State Park Beach. He stated that another 13,000 cubic yards of non-beach compatible material is scheduled to be placed in DU-2. He stated that FIND provided \$4.3 million in funding for this project. He also stated that, Dredging Reach I is experiencing shoaling just south of the Shave Bridge and at other locations that will be dredged in 2014 following the completion of DMMA NA-1 in September 2013.

Mr. Crosley stated that since Nassau County joined the District in 2004, the District has received and approved ten applications from the City of Fernandina Beach and Nassau County resulting in a District investment of \$989,775 towards \$2.1 million in waterway improvement projects. He stated that the most significant project has been the Fernandina Beach City Marina revitalization which has greatly improved the waterfront.

Mr. Crosley stated that the District completed the Economic Analysis of the Waterways in Nassau County in December of 2011. He noted that the waterways in Nassau County generate \$47.6 million in economic activity each year, 335 jobs, and increase property values by \$141 to \$170 million. He asked for questions.

Secretary Blow asked about Dredging Reach I terminating south of the City of Fernandina and if the District is responsible for the AIWW all the way to the Florida/Georgia border. Mr. Crosley stated that north of Reach I to the Florida/Georgia

border is a 38 foot-deep Federal Harbor. He stated that the waterway is part of the District, but we are not responsible for dredging of that section.

ITEM 8. Changes to the Code of Ethics.

Attorney Breton stated that during the Florida Legislature there were enacted changes to the Code of Ethics for public officers and employees. He noted that these changes took effect on May 1, 2013.

Attorney Breton stated that there are two new definitions under Voting Conflicts; "Principal by who retained" is defined in the statute for the first time and the definition is: an individual or entity, other than an agency as defined, that for compensation, salary, pay, consideration, or similar thing of value, has permitted or directed another to act for the individual or entity and includes, but is not limited to one's client, employer, or the parent, subsidiary, or sibling organization of one's client or employer. He stated that if your client is another government or state agency, it would not be considered a voting conflict. He stated that if you are performing the service gratuitously, it is not considered a voting conflict.

Attorney Breton stated that also, the term "Special private gain or loss" has been defined in the statute for the first time and the definition means: an economic benefit or harm that would inure to the officer, his or her relative, business associate, or principal, unless the measure affects a class that includes the officer, his or her relative, business associate, or principal, in which case, several factors must be considered when determining a special private gain or loss exists, which include the size, nature, and degree to which the interests are affected or involved. He stated that the Commission on

Ethics used a 1% standard or less of gain or loss to your family or partners to determine a voting conflict.

Attorney Breton stated that changes to the limited financial disclosure now include “the finance director of a county, municipality, or other political subdivision” must file a limited financial disclosure. He stated that since FIND is a political subdivision and Glenn Scambler is the Finance Director, he will now have to file a Form 1.

Attorney Breton stated that the new law now gives the filer the option of having the statement of financial interests prepared by a licensed Florida attorney or CPA. He stated that in that case, anything that you disclose to the preparer that they do not properly incorporate into your report, does not constitute a violation of this section.

Attorney Breton commented that the Commission on Ethics authority to investigate alleged violations. He stated that the Commission still has no authority to initiate investigations on its own volition. He stated the Commission can investigate upon receipt of a written referral of a possible violation or other possible breach of the public trust from the Governor, the Department of Law Enforcement, a state attorney, or a United States Attorney. He stated that at least six members of the Commission on Ethics must determine that this is sufficient to indicate a violation or any other breach of the public trust. He asked if there were any questions.

Commissioner Netts noted that he is the Mayor of the City of Palm Coast. He asked if the City of Palm Coast applies for a District grant, is that a conflict of interest. Attorney Breton answered no.

Mr. Crosley asked if the form itself has been changed. Attorney Breton stated that he did not think that there was anything that triggered a change.

Attorney Breton noted that the Financial Disclosure must be filed with the Supervisor of Elections in the county that you reside. He stated that for officials that must file a complete disclosure such as elected officials, which does not include this Board, there will be a searchable database for public viewing of this information.

ITEM 9. Maintenance Dredging of IWW Cut P-31 in Palm Beach County.

Mr. Roach stated that Coston Marine is dredging a portion of the waterway in West Palm Beach at the expense of a private party and using District site MSA 617C for the offloading and management of the dredged materials. He stated that staff would like to take advantage of this operation by “piggybacking” a small dredging project in IWW Cut P-31 with Coston Marine. He noted that the same equipment and MSA will be used. He stated that staff requested a cost proposal from Coston and has determined it is reasonable.

Commissioner Isiminger made a motion to approve the cost proposal from Coston Marine Services in the amount of \$95,670.00 for the maintenance dredging of Cut P-31. The motion was seconded by Treasurer Blow. Chair Kavanagh asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 10. Additional Permitting Services for the IWW Palm Beach Deepening Project.

Mr. Roach stated that the Board previously approved a work order with the District Engineer for permitting and engineering services for the deepening of the IWW in Riviera Beach. He stated that the budget for permitting has been expended because of additional work necessary in response to permitting agency questions. He noted that this

project will impact seagrass and hard bottom resources. He stated that the District Engineer has submitted a supplementary funding request to cover additional services necessary to respond to the current pending agency questions, as well as some contingency funding for additional permitting services, if required.

Mr. Roach stated that currently there are three users in need of deep draft navigation in this area: the City of Riviera Beach Marina, Lockheed Martin, and Rybovich Boat Yard.

Mr. Roach stated that the actual permitting services cost approximately \$19,000, with approximately \$25,000 setup for additional agency questions.

Commissioner Isiminger noted that Lockheed Martin is a former client of his. Attorney Breton stated that because they are a former client, that would not be a conflict of interest.

Commissioner Isiminger made a motion to approve the proposal from Taylor Engineering in the amount of \$44,042.00 for additional permitting services for the IWW Palm Beach Deepening Project. The motion was seconded by Commissioner Dritenbas. Chair Kavanagh asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 11. FY 2013-2014 Cooperative Assistance Program Application Rating and Evaluation.

Ms. Zimmerman stated that staff has compiled the Commissioner's Rating and Evaluation Scores for the single Cooperative Assistance Program (CAP) application. She stated that this CAP application received more than the required 35 points to further be considered for funding pursuant to our program rules. She stated that this is a Phase I project and does not require permits this year.

Commissioner Sansom made a motion to approve the final listing of FY 2013-2014 Cooperative Assistance Program application for funding consideration at the final TRIM hearing. The motion was seconded by Commissioner Dritenbas. Chair Kavanagh asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 12. FY 2013-2014 Waterways Assistance Program Application Rating and Evaluation.

Ms. Zimmerman stated that staff has compiled the Commissioner's Rating and Evaluation Scores for each Waterways Assistance Program Application. She noted that there are 17 applications that have not yet obtained the required permits. She stated that the Town of Palm Beach has withdrawn their application. She stated that the remaining applications all scored 35 points or above.

Vice-Chair Chappell asked about a listing of the individual commissioner scores. Mr. Crosley stated that staff can distribute that information.

Commissioner Williams asked the agenda item number for the Town of Palm Beach application. Ms. Zimmerman stated Item 11.61.

Commissioner Williams stated that there has been considerable public comment against the Oslo Boat Ramp project and he questioned if the District should fund the project. He inquired about Commissioner Dritenbas' thoughts regarding the project. Mr. Roach stated that at this time, the project could be removed from funding, but a project cannot be added for funding. He also noted that this project is having considerable difficulty obtaining their permits and may not receive those permits.

Commissioner Sansom noted that in September, counties that are over their funding cap will have to determine what will get funded and at what amount. He stated that at that time, if the project is permitted, the commissioner along with the county can

make that determination. He noted that the District does not handle project environmental permitting, that is up to the permitting agencies. He suggested to commissioners that they do not get involved in environmental issues.

Commissioner Dritenbas stated that for the record, he is an active environmentalist, not an environmental activist. He stated that he concurs with Commissioner Sansom.

Commissioner Dritenbas stated that he has been approached by numerous environmentalists who are concerned about the Oslo Boat Ramp. He stated that he has met with Mike Nixon, an engineer with the county. He stated that the project has been pared back over the last four years and there are still several project improvements to be made. He stated that the project should maintain public access, but suggested it should be an un-motorized boat ramp. He stated that the treatment of (Florida Department of Transportation (FDOT) roadway runoff is a positive project element. He stated that he is disappointed that the Florida Department of Environmental Protection (FDEP) would not allow the shoreline rubble to be removed. He stated that the United States Fish and Wildlife Service (USFWS) have proposed making the area a year-around manatee idle zone, even though the area is too shallow for manatees. He agreed that the muck needs to be removed and suggested that the area could be encapsulated with a sand shooting project. He stated that the facility does need to be improved so that non-motorized vessels do not have to compete with motorized vessels. He stated that he supports the project, but not as proposed. He noted that there are alternate sites that could be used for this type of project that are not environmentally sensitive.

Commissioner Williams stated that he agrees with Commissioner Dritenbas and the commission should not fund this as a motorized boat ramp.

Commissioner Sansom noted that each commissioner has the ability to work with the people in their county to determine project funding. He stated at the end of the process if the commissioner does not want this project funded, that request will be made at the September hearing.

Commissioner McCabe stated that as a new commissioner are we to evaluate these projects based on the sterile rating of the project and then later consider public comments.

Commissioner Sansom stated that the District does not get into environmental permitting issues. He noted that the local commissioner can give environmental issues consideration for any project in their county.

Attorney Breton noted that every grant project that comes before the Board with an application has been approved by their respective city or county. He noted that the local government reviews their project and determines if it is a good project for the area. He stated that the District needs to be very careful as an unelected appointed body coming from 12 different counties to try to second guess the local elected government and their decisions.

Mr. Crosley suggested that this Board should only determine if a project application fits the District's mission and directive.

Mr. Roach noted that the Oslo Boat Ramp project has come before this Board for five years, meaning that the Indian River Board of County Commissioners has approved

five resolutions supporting this project. He noted that the Board is hearing environmental criticism about the project. He stated that this project has good support on the local level.

Commissioner Sansom made a motion to approve the final listing of FY 2013-2014 Waterways Assistance Program applications that scored over 35 points for further funding consideration at the final TRIM hearing, pending receipt of the required environmental resources permits or exemptions for those applicable projects. The motion was seconded by Secretary Cuzzo. Chair Kavanagh asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 13. Assistance Program Process.

Ms. Zimmerman stated that, while working with the Assistance Program and listening to Board discussion over the past year, staff has listed the following potential rule changes for additional consideration by the Board. She stated that the list includes; expanding allowable uses of vegetation, revising Attachment E-4 questions to lessen redundant answers and better qualify projects, clarifying of Comprehensive Maritime Management Plan eligibility, discussion of waterway accessibility elements for a project, and managing environmental restoration or mitigation projects ineligible within the federal right-of-way.

Mr. Crosley noted that, should the Board elect to initiate specific changes to the program rules, staff and the District attorney will craft specific language to be considered at the August Board meeting.

Commissioner Isiminger stated that he is interested in discussing waterway accessibility project elements. He referred to the Town of Palm Beach project that was approved for Phase I funding by the previous Board and then was denied Phase II

funding by this Board. He admitted that he felt ambushed by this action, even though he did agree with commissioner comments during the application presentation. He suggested that the rules need clarification regarding funding for projects without public access.

Mr. Crosley stated that for a public navigation project to be considered for funding, it must provide access to at least one publicly accessible. He stated that he originally looked at that project as a public navigation project because the public had access to the IWW. He stated that Attorney Breton advised him that public access to travel the waterway is not a public navigation project because it does not have access to a specific public amenity. He now has concluded that the project category was wrong and it should have been categorized as "other waterway projects" and that it is still eligible for funding.

Commissioner Sansom noted that for seawall projects, perhaps the rule should require that as part of the project, one element should increase public access to and from the IWW, not prohibit it.

Mr. Roach suggested that language be added to the rule clarifying what the District considers a public navigation project. He stated that he would encourage the commissioners not to limit participating in projects that are important to the local community. He stated that the commissioner can advise your applicants that the project may be a lower ranked project and may not get funded.

Mr. Crosley noted that the Town of Palm Beach has indicated that this is an important project to the town.

Treasurer Blow stated that the town pays a lot in taxes and they have not presented many applications for funding. He suggested that this project could be presented under a different ranking category next year.

Vice-Chair Chappell asked how the county environmental restoration projects affect Palm Beach. Mr. Crosley stated that the District does not approve environmental restorations projects within the right of way.

Commissioner Sansom referred to the Small Scale Derelict Vessel Program and asked about the flexibility for an applicant to remove a vessel and then make a request. Mr. Crosley stated that the current rule allows the applicant to remove a vessel and then have up to six months to be paid for that removal. He suggested that the delays in the program occur since law enforcement has to establish the vessel as derelict. Commissioner Sansom asked if the applicant can only remove one vessel, or can they remove multiple vessels until they meet the \$20,000.00 limit. Mr. Crosley stated that the applicant can remove multiple vessels and apply for funding each time until they meet the approved funding limit. He noted that the funding is on a first-come first serve basis until it is gone.

Commissioner Bowman noted that because of the poor economy, there are more derelict vessels and the problem continues to grow. He stated that if the District wants to have an effective program, perhaps we should consider providing more funding for this program. He also suggested that the program brochure be reviewed and updated.

Commissioner Netts noted that the District's assistance programs are based on revenue. He suggested that the derelict vessel funding could be based on tax revenue

percentages or miles of navigable waterways. He stated that we should explore a better way to distribute this funding.

Commissioner Sansom noted that derelict vessels are a larger problem in some counties than others. He suggested raising the program funding to \$50,000 per year.

Vice-Chair Chappell asked if the program is pushed to the limit each year. Mr. Crosley stated that some counties require more funding than others, such as Miami-Dade, Broward, and Brevard Counties. He stated that he feels that \$50,000 is too high. He stated this program could be reevaluated in the grant rules. He noted that if the vessel owner is located, the owner is responsible for its removal.

Mr. Roach stated that he feels that \$50,000 for this program is too high and he would suggest \$30,000. He stated that staff should encourage the counties with the highest derelict vessel problem to apply to the District's assistance program for funding.

Mr. Crosley noted that for applications received through the assistance program the match is 50/50 and if they are received through the Small Scale Derelict Vessel Program, the match is 75/25.

Treasurer Blow noted that for the last few years, the Florida Fish and Wildlife Conservation Commission (FFWCC) have done a much improved job of identifying these derelict vessel owners. He commented that additionally, the mooring field installations have also helped reduce the derelict vessel problem.

Commissioner Dritenbas asked about the process to remove a vessel from the waterway. Mr. Roach stated that there is a formal legal procedure that must be completed by law enforcement before any vessel can be removed from the waterway.

Mr. Roach stated that the District does have Hurricane Disaster Relief Funding. Mr. Crosley stated that once a disaster is declared for a community, the District can provide Hurricane Disaster Relief Funding.

Ms. Zimmerman asked commissioners who have any additional questions or suggestions to e-mail her and she will incorporate those comments into the proposed rule changes.

ITEM 14. Finance and Budget Committee Report.

Chair Blow stated that the District's Finance and Budget Committee met before today's Board meeting and the committee reviewed and recommends approval of the May 2013 financial statements.

Chair Blow stated that the committee also discussed a \$15 million CD that is maturing this month. He stated that the committee recommended placing those funds in a nine-month CD with Bank United.

Commissioner Sansom made a motion to approve the recommendations of the District's Finance and Budget Committee. The motion was seconded by Secretary Cuzzo. Chair Kavanagh asked for any further discussion, hearing none, a vote was taken and the motion passed.

Chair Blow stated that the committee discussed and approved the District's FY 2013-2014 proposed budget and proposed 0.0345 millage rate.

ITEM 15. Tentative FY 2013-2014 Budget and Tentative Millage Rate.

Mr. Roach stated that the committee discussed the District's proposed FY 2013-2014 Budget and 0.0345 millage rate. He stated that the maximum millage rate that the District can levy is 0.1. He noted that the District has kept our millage rate the same or

reduced it for 16 years in a row. He stated that by keeping the millage rate the same as last year, an additional \$630,000 in revenue will be generated. He noted that this occurs because property values have increased within the District 2.7%. He stated that because of this property value increase, it will have to be advertised as a tax increase. He stated that the "rolled-back rate" would be 0.0332, which would provide the same revenue as the District received last year. He stated that the millage rate approved today will be provided to the tax assessors who will send out the tax notices to the property owners. He stated that the tentative budget needs to be approved for advertising to the public. He noted that the millage rate cannot be increased after approval today, it can only be lowered. He stated that this provides an opportunity to lower the tax millage to the "rolled-back rate" before the noticing of the final tax hearing.

Mr. Roach stated that the District will receive an estimated \$25.3 million in new revenue and we have an estimated \$59 million in carry-forward committed funds. He stated that the District has approximately \$42 million in the Capital Operations and Waterway Studies budget.

Mr. Roach stated that the proposed Waterways Assistance Program budget is \$38 million.

He stated that the District's projected revenue for FY 2013-2014 includes new taxes in the amount of; \$21.1 million, investment interest of \$250,000, the sale of V-26 payment of \$339,000, a Corps' project refund of \$1.1 million, and the Broward County refund of \$2.5 million. He stated that these items total \$25.3 million in revenue.

Mr. Roach stated that the FY 2013-2014 Administration budget is approximately \$200,000 less because the District will be losing one employee and will not be carrying forward the SBA Fund B unrealized loss.

Mr. Roach stated that the District's Operations budget includes funding for the deepening of the Intracoastal Waterway (IWW) in Broward County. He stated that the District has been accumulating funds over several years for this proposed project, which is an expensive project and the District is in the process of obtaining the Corps and County permits. He stated that the budget also includes funding for the IWW Reach I Dredging in Indian River County. He stated that the Corps is working on the plans and specifications for this project. He stated that the remaining budget includes; a dredging general account, site maintenance, spoil island enhancement, waterway cleanups, disaster relief and Small-scale derelict vessel removal.

Mr. Roach stated that the District's Capital Programs budget includes funding to: design two sites, conduct test planting for future mitigation at SJ-14, the construction of Dredged Material Management Area (DMMA) FL-3 and DMMA O-7, and the purchase of a site in Clewiston for the OWW.

Mr. Roach referred to the District's Waterway Studies budget and noted that it includes carried forward funding for GIS, Waterway Planning, seagrass surveys and mitigation plans. He stated that new funding has been proposed to continue channel surveys and Dredged Material Management Plan updates.

Mr. Roach stated that currently the District does not have any Interlocal Agreements, but several of this year's grant applicants may qualify for that program. He stated that permits do not have to be in hand to qualify for funding in this program. He

noted that this program is only for projects that directly benefit the maintenance of the IWW channel and District properties.

Mr. Roach stated that the proposed Waterways Assistance Program budget is \$13.5 million, with \$24.6 million in carried forward funding.

Mr. Roach stated that the proposed Cooperative Assistance Program budget is \$75,000, with \$489,000 in carried forward funding.

Commissioner Sansom asked about updating the District's web site design and functionality. Mr. Crosley stated that the District's web site will be managed by another party in the near future and we could have them look at the site.

Mr. Roach presented the District's FY 2013-2014 meeting schedule and asked commissioners to review that information.

Mr. Crosley noted that Yom Kippur begins at sundown September 13, 2013 and that is the date of the District's first Tax Hearing.

Mr. Roach reviewed the District's annual Work Plan and noted that it begins with continuing activities and transitions to monthly activities. He noted that this plan provides a guide to staff and commissioners regarding what should be done in a particular time period.

Mr. Roach re-stated that the millage rate cannot be increased; it can only be lowered, after approval today. He noted that the budget can be amended at the two tax hearings that will be held.

Commissioner Netts made a motion to approve the Tentative FY 2013-2014 amended Budget and Millage Rate of 0.0345. The motion was seconded by Treasurer

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

ITEM 16. First FY 2013-2014 Tax and Budget Hearing.

Mr. Crosley stated that the current meeting schedule calls for the first FY 2013-2014 tax and budget hearing to be held on the evening of Friday, September 13th in Palm Beach County in association with our September meeting.

Treasurer Blow made a motion to approve the first FY 2013-2014 Tax and Budget Hearing on September 13, 2013 at 5:30 p.m. in Palm Beach County, at the Town of Palm Beach Shores Town Hall, 247 Edwards Lane, Palm Beach Shores, Florida, 33404. The motion was seconded by Commissioner Isiminger. Chair Kavanagh asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 17. Washington Report.

Mr. Crosley stated that the Senate Energy and Water Appropriations Bill includes \$10 million for Navigation Maintenance, \$23 million for Inland Waterways and \$5 million for Other Authorized Purposes, which could fund maintenance dredging of the Intracoastal, Atlantic Intracoastal and Okeechobee Waterways.

Mr. Crosley stated that the proposed Federal budget includes \$250,000 for the IWW as Caretaker Status. He stated that this is significant because it acknowledges funding for the IWW.

Mr. Crosley stated that the House Energy and Appropriations Bill includes a slight cut from the Administration's request.

Commissioner Sansom stated that he appreciates the fact that Caretaker Status funding keeps the Jacksonville Corps' team together. He stated that this federal funding allowance is extremely low and is not adequate for the long-term.

Mr. Crosley stated that the federal government has provided additional funding for this year for the Intracoastal Waterways related to Hurricane Sandy. He stated that funding is currently paying for two dredging projects.

Treasurer Blow noted that the Washington D. C. visits are important and as a direct result of these meetings, there has been positive movement in getting the Corps to evaluate how they fund dredging. He stated that the WRDA bill now includes language regarding small harbors and recreational impact. He noted that the Florida taxpayer helps fund maintenance and that the yearly visits by commissioners' helps stress that waterway maintenance is a partnership.

Mr. Roach referred to the language included in the WRDA bill and noted criteria changes regarding waterway funding.

Mr. Roach noted that right now there are four dredging projects taking place within the District with three more projects coming on line before the end of this year.

ITEM 18. Additional Staff Comments and Additional Agenda Items.

Chair Kavanagh asked if there were any additional staff comments or agenda items.

Mr. Crosley stated that Ms. Zimmerman has been appointed to the Board of the Marine Industries Association of the Treasure Coast.

ITEM 19. Additional Commissioners Comments.

Chair Kavanagh asked if there were any additional commissioner comments.

Vice-Chair Chappell inquired about sending a letter to Governor Scott noting that the District's waterways provide the most public waterway access in the world, and that the District has provided funding towards \$243 million in waterways projects and those projects generated 6,000 jobs. He stated that the Governor does weekly reports on his web site and perhaps this is information that he would want to promote.

ITEM 20. Adjournment.

Chair Kavanagh stated that hearing no further business the meeting was adjourned at 12:20 p.m.

MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT
Land Acquisition & Management Committee Meeting
11:30 a.m., Friday, July 19, 2013
Hampton Inn & Suites
19 South Second Street
Fernandina Beach, Nassau County, Florida

ITEM 1. **Call to Order.**

Chair Crowley called the meeting to order at 12:28 p.m.

ITEM 2. **Roll Call.**

Assistant Executive Director Janet Zimmerman called the roll and Chair Crowley, Commissioner Blow, Commissioner Bowman, and Commissioner Isiminger were present. Ms. Zimmerman stated that a quorum was present.

Item 3. **Election of a Committee Chair.**

Commissioner Blow nominated Commissioner Chappell as the new Land Acquisition & Management Committee Chair. The motion was seconded by Commissioner Isiminger. Chair Crowley asked for any further discussion, hearing none, a vote was taken and the motion passed.

Chair Crowley turned the meeting over to Chair Chappell.

ITEM 4. **Additions or Deletions.**

Chair Chappell asked if there were any additions or deletions to the meeting agenda. There were none.

ITEM 5. Project Agreement between FIND and Palm Beach County for Shoreline Stabilization at MSA 614-B.

Mr. Crosley stated that Palm Beach County has leased the referenced property from FIND since 1997 for a publically accessible natural area and now a boater's park as part of the Juno Dunes Natural Area.

Attorney Breton referred to Item 24, Inspector General of the Project Agreement and noted that he raised an objection to the item and the county has agreed to delete that item. He stated that Palm Beach County has an Inspector General that has oversight over cities and municipalities and sub-contractors that do business with the county and municipalities. He stated that it is not appropriate for the District to potentially get dragged into the jurisdiction of their County Inspector General.

Mr. Crosley stated that the District currently has a grant application to perform the shoreline restoration on the property adjacent to this property. He stated that the District will provide funding for the portion of the property owned by FIND.

Commissioner Isiminger made a motion to approve a Project Agreement with Palm Beach County in an amount not to exceed \$326,115 for rock revetment stabilization at MSA 614-B. The motion was seconded by Commissioner Bowman. Chair Chappell asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 6. Encroachment Agreement for V-26 Pipeline Easement, Volusia County.

Mr. Crosley stated that the Jacobs family owns a piece of property adjacent to the District's pipeline easement at Dredge Material Management Area (DMMA) V-26 in Volusia County. He stated that the family has requested access over the easement in order to construct a deep-water dock and vessel mooring adjacent to the Intracoastal

Waterway (IWW). He stated that the District has worked with the applicant to ensure that the encroachment is removable should we need to use this easement for dredging activities. Our attorney has worked with Mr. Jacobs and drafted this agreement. He stated that this agreement will allow the District to use this property and also allow our neighbor to get deep water access. He stated that staff recommends approval of this item.

Commissioner Bowman asked about the location of the dock extension. Mr. Roach noted that the dock will actually cross the canal to the other side.

Commissioner Blow stated that the homeowner has a dock on the canal and questioned if he would like to extend the dock to gain deep water access. Mr. Crosley answered yes and noted that this removable dock will be located on Mr. Jacob's property of which the District has a pipeline easement.

Commissioner Bowman commented that this dock will block the canal and he asked if any other property owners would be blocked from using this canal. Mr. Crosley stated that this is not a navigable canal, it is a drainage canal.

Commissioner Sansom asked if a utility has an easement on this drainage canal or if that will be dealt with when the owner applies for his permit. Mr. Crosley stated that the homeowner needs approval from the District before he can move forward with permitting.

Commissioner Crowley made a motion to approve an Easement Encroachment Agreement between FIND and John Jacobs et al. for access over the District's V-26 pipeline easement in Volusia County. The motion was seconded by Commissioner Bowman. Chair Chappell asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 7. Temporary Use Agreement with Florida Power & Light for Utilization of MSA 617-C.

Mr. Crosley stated that FP&L has requested the temporary use of the District's primary Dredge Material Management Area MSA 617-C for vehicle parking, and equipment and building material storage during the expansion of their corporate headquarters. He stated that if this agreement is approved, FP&L will be required to execute the District's standard one-year temporary use agreement.

Mr. Crosley stated that the District is currently having a problem with an FP&L line at the Crossroads project and this would be a good time to ask them to respond and address the issue. Commissioner Blow stated that the District should tell FP&L that they need to address the Crossroads issue and then we will execute this use agreement.

Mr. Roach stated that FP&L does have an immediate need to install a new power line, which he feels they are willing to do. He stated that the power line at the Crossroads was installed in 1931.

Commissioner Blow stated that it has been his experience that it is difficult to deal with FP&L and even more difficult to get them to respond.

Commissioner Isiminger referred to the site lease fee and asked if it is \$100.00 or \$200.00 per month. Mr. Roach stated that the rent amount is \$200.00 per month and staff will correct the agreement.

Commissioner Crowley asked how the lease rate was determined. Mr. Roach stated that the lease rate was set by the Board and is \$200.00 per month for a private entity and \$100.00 per month for a public entity.

Commissioner Crowley asked if this is the same site that a contractor requested to use as a staging and we told him no because the noise would upset the neighbors. He

asked how FP&L will use this site. Mr. Roach stated that the contractor asked to use the site for an artificial reef project right after the site was used by the county for the Jupiter Ridge rock project which was a big impact to the neighbors. He stated that staff manages the site use by giving the neighbors a break in between uses. He stated that FP&L will use the site mainly for parking and storage of some construction material.

Commissioner Crowley asked if FP&L's use of the site would irritate the neighbors. Mr. Roach stated that there may be some concern from the neighbors. He noted that this is a temporary lease with a one-time use.

Commissioner Sansom stated that FP&L recently improved their power plant in Brevard County. He noted that during the project they used a parking area across the street from the plant site. He stated that the neighbors complained about the amount of dust and noise that was generated by FP&L's use of the site. Mr. Roach noted that there is always some dust and noise from the use of any site. Commissioner Sansom noted that this is not a District project and whatever problems that the use of this site generates, it should be handled by FP&L, and not become the District's problem. He stated that the District should include in the agreement that FP&L will be required to keep the dust and noise down, and to do whatever it takes to accomplish that. Mr. Roach stated that staff could add that to the agreement.

Commissioner Crowley asked about when this lease rate was established. Mr. Roach stated that this lease rate was established for District properties by the Board when the lease policy was established. Commissioner Crowley asked about a market value lease rate. Mr. Roach stated that the agreement was set up mainly for public entities. He stated that there is a clause regarding market value lease rates. Commissioner Crowley

stated that the District should be able to charge a different lease rate if the user is not performing work related to the waterway.

Commissioner Crowley stated that if the District is taking on the risk of irritating the neighbors by FP&L's use of this site, we should be receiving more than \$200.00 per month in rent. He stated that the amount of time that the District staff will spend handling complaints has more value than \$200.00 per month.

Chair Chappell noted that Attorney Breton has spent time preparing the agreement and probably his bill will be more than this proposed rent. He stated that the District should consider attorney fees and should rent this site at market rate.

Chair Chappell asked staff to determine the market lease rate and bring this item back to the committee. Mr. Roach stated that if this is approved at market rate today, staff will determine the market rate and include that in the final agreement.

Commissioner Isiminger questioned if the Board should turn FP&L down on this lease agreement and then a week later approaches them about the Crossroads power line. Mr. Roach stated that FP&L is not opposed to replacing the power line.

Commissioner Isiminger stated that he does favor local waterway contractors using this site. He noted that this request is for commercial use not related to the waterway.

Commissioner Blow recommended that the District charge FP&L a minimum of \$1,000 per month for the use of this site. He stated that FP&L is a for-profit agency and they do not discount the District's power bills. He noted that FP&L will turn this site use over to their general contractor and it will generate neighbor complaints. He noted that this could turn into a real headache for the District. He stated that there is value for the

amount of hassle this will cause the District. He stated that the other choice would be to not rent to FP&L at all.

Commissioner Bowman noted that the District has a history of being a good neighbor and team player. He stated that some of the District's concerns could be handled by including a five-day termination of agreement clause related to any complaints. He stated that in his experiences with FP&L, they have always been a great partner.

Commissioner Crowley made a motion to approve a Temporary Use Agreement with FPL for building material storage and temporary parking at MSA 617-C, subject to adding a dust and noise clause, and staff developing a market lease rate. The motion was seconded by Commissioner Blow. Chair Chappell asked for discussion.

Commissioner Blow asked about including a termination clause in the agreement pertaining to public complaints about the use of this site, ensuring that FP&L will vacate the site within five-days. He noted that the message here is that the District expects FP&L to be a good neighbor.

Commissioner Crowley amended the motion to include a 5-day termination clause in the agreement. The amended motion was seconded by Commissioner Blow.

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

ITEM 8. Additional Staff Comments and Additional Agenda Items.

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

ITEM 9. Commissioners Comments.

Chair Chappell asked if there were any additional Commissioner comments.

There were none.

ITEM 10. Adjournment.

Chair Chappell stated that hearing no further business the meeting was adjourned at 12:56 p.m.



INDIAN RIVER COUNTY PROJECT STATUS UPDATE

August 2013

Dredged Material Management Plan

Phase I of the Dredged Material Management Plan (DMMP) for the Intracoastal Waterway in Indian River County was completed in 1997. Phase II of the DMMP was completed in 2002 and all major land acquisition was completed in 2002. Please see attached maps.

The 50-year dredging projection for the 24 miles of channel in Indian River County is approximately 318,324 cu/yds and the storage projection is 607,500 cu/yds.

Waterway Dredging

Dredging of Reach I is currently undergoing plans and specs with the USACE. Dredging is planned for 2014 and the material will be placed in the recently completed Dredged Material Management Area IR-2.

Dredged Material Management Area Development

Three upland sites were purchased for Indian River County dredged material management. The construction of DMMA IR-2 was completed by the USACE with Navigation District funding in 2012. DMMA IR-7 and IR-14 have recently been cleared.

Waterways Economic Study

The Indian River County Waterways Economic Study was completed in 2000 and updated in late 2011. The update found that the waterway related businesses in the county employ 242 people, with salaries of \$10.1 million and a total economic impact of \$44.1 million. Property values were determined to be increased by \$614 to \$724 million by the presence of the ICW channel. There are approximately 10,974 registered vessels in the county. See attached economic summary and location map of the businesses.

FIND



INDIAN RIVER COUNTY PROJECT STATUS UPDATE

August 2013

Waterways Assistance Program

Since 1986, the District has provided \$4.2 million in Waterways Assistance Program funding to 52 projects in the County having a total constructed value of \$17.3 million. The County, the City of Vero Beach, the City of Sebastian, the South Indian River Fire District and the Sebastian Inlet Tax District have participated in the program. (Please see attached listing and location map).

Notable projects funded include: the Environmental Learning Center, the Vero Beach Municipal Marina and Anchorage, Royal Palm Point Park, Wabasso Causeway Park and Boat Ramps, Jungle Trail Shoreline Stabilization, and the ICW/Sebastian Inlet Connection Channel.

Cooperative Assistance Program

The District's Cooperative Assistance Program has provided funding assistance for 32 projects with elements in Indian River County totaling \$1.9 million in District assistance for \$21.1 million worth of constructed projects. These projects include: Florida Marine Patrol Officer Funding; Sebastian Inlet State Park Boat Ramp Dredging, Sebastian Inlet State Park Environmental Enhancements, Manatee Viewing Piers and Canoe Docks at the Sebastian River Buffer Preserve, Sebastian River Muck Removal, and the Indian River Lagoon Boaters Guide.

Interlocal Agreement Program

The District's Interlocal Agreement Program has provided funding assistance for five projects with elements in Indian River County: Clean Marina Program; Clean Vessel Act, and Spoil Island Restoration Projects. The District's funding assistance for the Indian River County portion of these projects was approximately \$36,995.⁰⁰.

Waterway Clean Up Program

The District has partnered with Keep Indian River Beautiful, Inc. for nine years and the Marine Industry Association of the Treasure Coast for several years on waterway clean-up projects in Indian River County.

FIND



INDIAN RIVER COUNTY PROJECT STATUS UPDATE

August 2013

Small-Scale Derelict Vessel Removal Program

To date, no vessels have been removed in Indian River County through the Small-Scale Derelict Vessel Removal Program. However, the District funded an emergency derelict vessel removal in IRC through WAP in 2007, and staff has been in talks with the County to remove one identified derelict vessel.

Small-Scale Spoil Island Enhancement and Restoration Program

The Prange Conservation Islands and Spoil Island IR-36 have been improved through the Small-Scale Spoil Island Enhancement and Restoration Program by having trails cut, fire rings installed, picnic tables installed, information kiosks installed, and exotic vegetation removed. These cooperative projects were accomplished with FDEP and the County and totaled \$18,000.⁰⁰ in District funding.

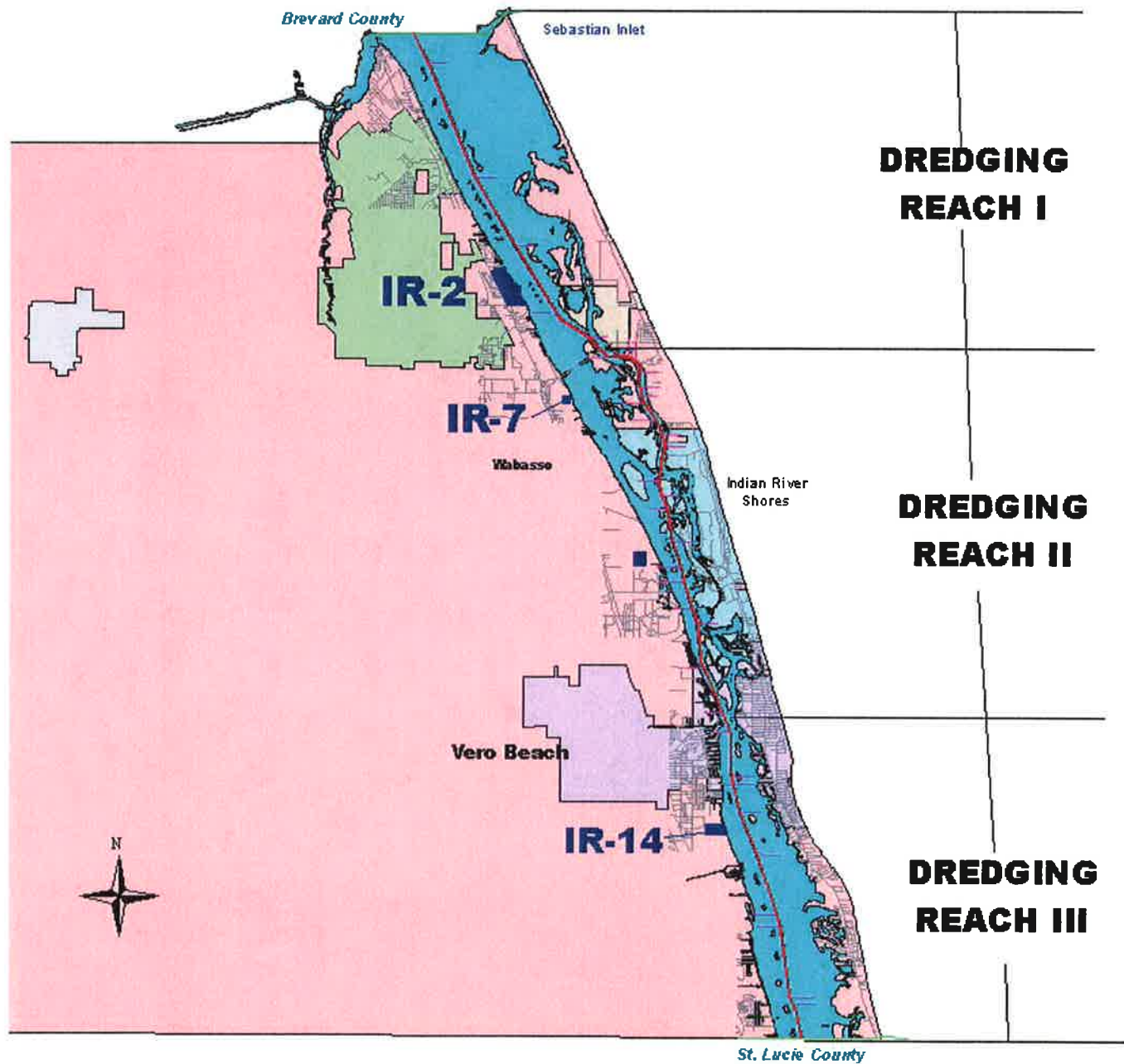
Public Information Program

The District currently prints and distributes the following brochures with specific information about Indian River County Waterways: the Economic Impact of Indian River County Waterways, Spoil Islands of Indian River County, and Indian River County Boating Safety and Manatee Protection Zones.

FIND

INTRACOASTAL WATERWAY DREDGING REACHES AND DREDGED MATERIAL MANAGEMENT AREAS IN INDIAN RIVER COUNTY

Page 13



Page 14





 FIND Owned
 Channel
 ICW Right-of-Way

DMMA IR-2

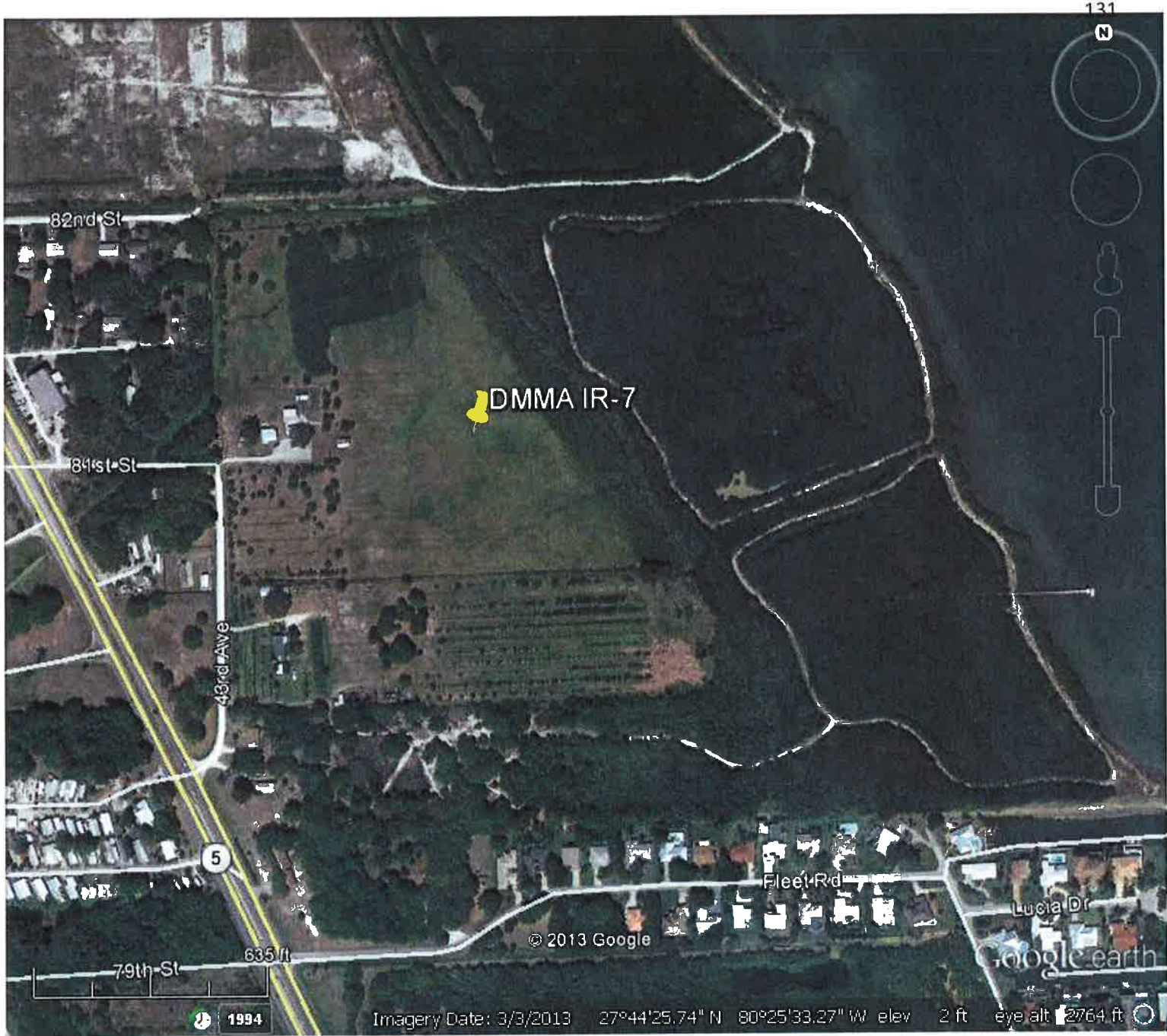


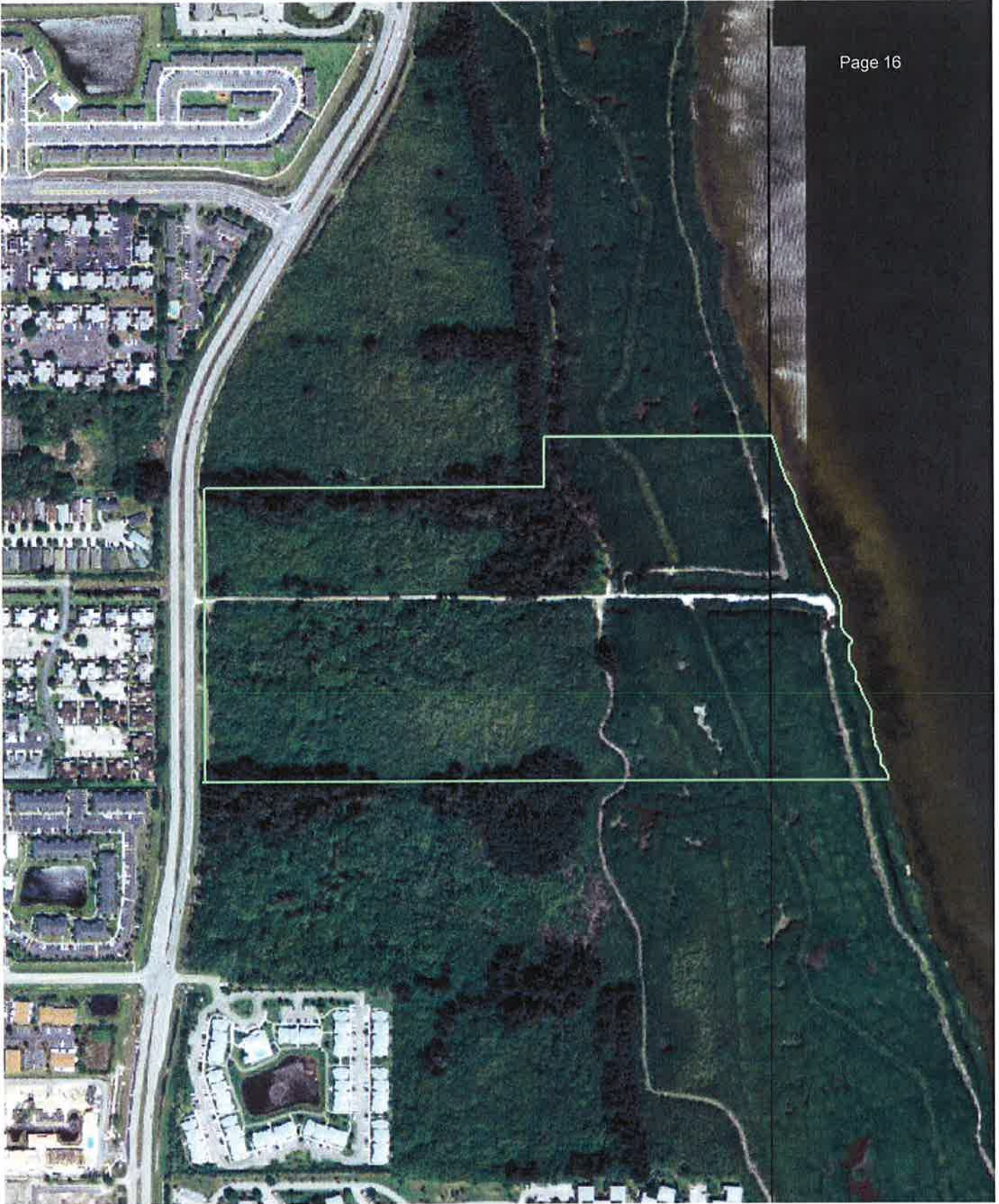
Page 15



-  FIND Owned
 Channel
 ICW Right-of-Way

DMMA IR-7

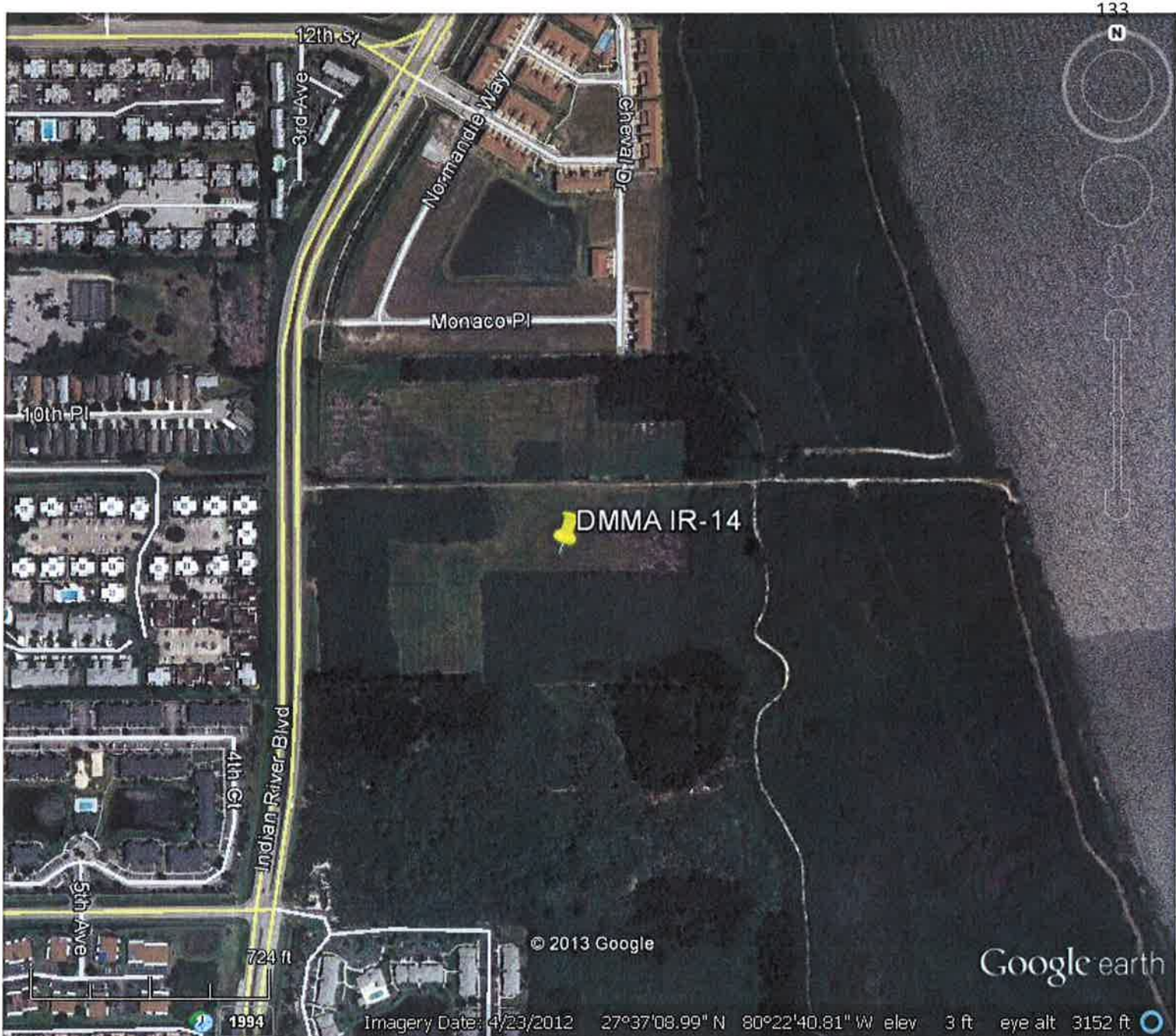




 FIND Owned
 Channel
 ICW Right-of-Way

DMMA IR-14





133

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DMMA IR-14

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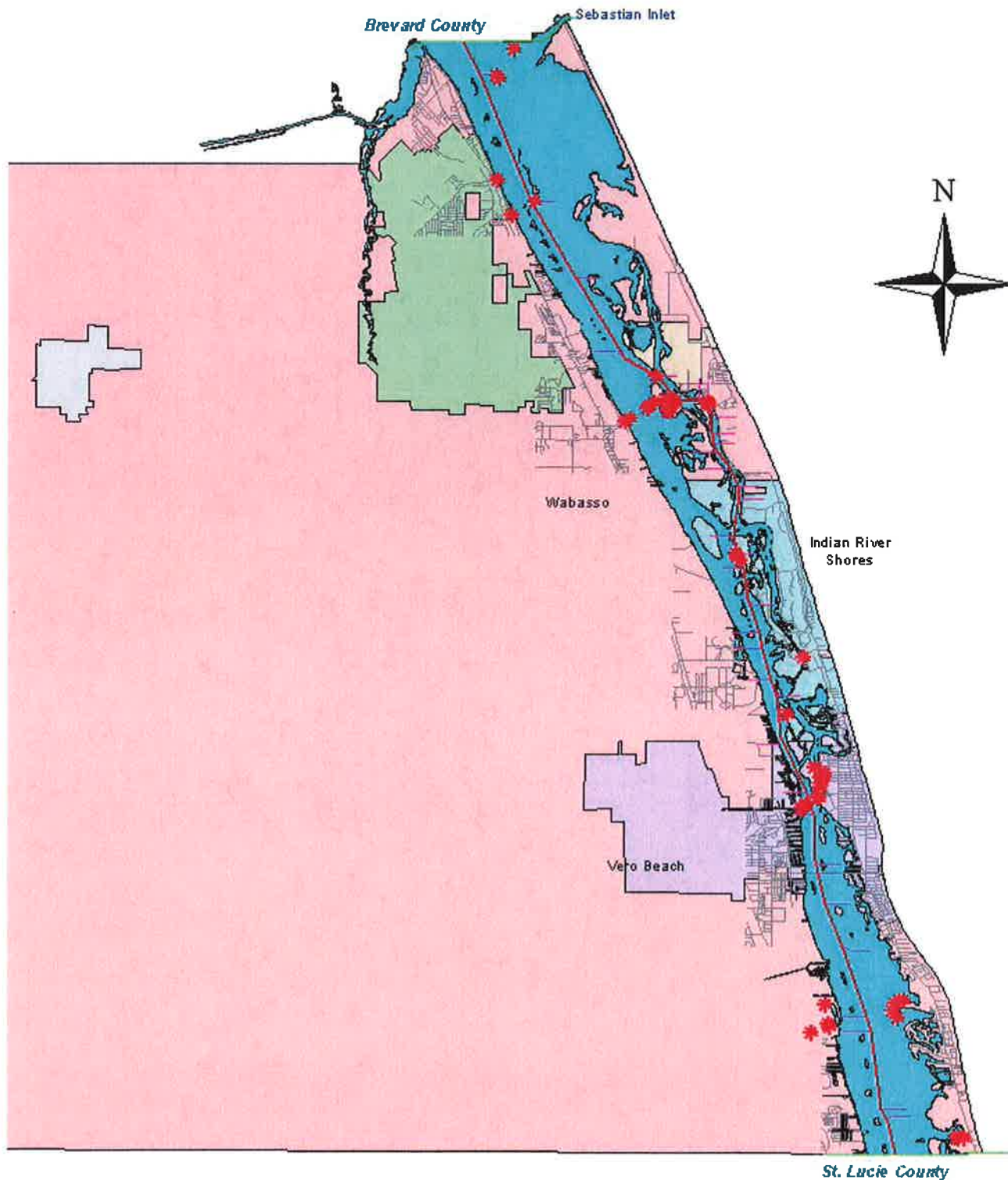
Imagery Date: 4/23/2012 27°37'08.99" N 80°22'40.81" W elev 3 ft eye alt 3152 ft

**WATERWAYS ASSISTANCE PROGRAM PROJECTS
INDIAN RIVER COUNTY
1986-2013**

Project Name	Project Number	Project Sponsor	Grant Amount	Total Cost
Jungle Trail Shoreline Stabilization - Phase I	IR-00-31	Indian River County	\$13,000	\$26,000
Law Enforcement Patrol & Rescue Vessel	IR-01-32	Indian River County	\$34,478	\$68,956
Jungle Trail Shoreline Stabilization - Phase II	IR-03-36	Indian River County	\$76,300	\$152,600
Patrol & Rescue Vessel Engine Replacement	IR-03-37	Indian River County	\$6,233	\$12,467
Jungle Trail Shoreline Stabilization - Phase II - A	IR-05-39	Indian River County	\$73,700	\$147,400
Derelict Vessel Removal - Indian River County Waterways	IR-07-40ER	Indian River County	\$25,000	\$50,000
Oslo Road Public Boat Ramp	IR-08-42	Indian River County	\$87,500	\$175,000
E.L.C. - Education Exhibits, Aquaria & Signage	IR-09-44	Indian River County	\$175,000	\$350,000
Lagoon Greenway - Phase B-2	IR-12-53	Indian River County	\$156,000	\$312,000
Joe S. Earman Island Park	IR-1	Indian River County	\$21,320	\$42,640
Lagoon Greenway	IR-10-47	Indian River County	\$17,845	\$35,690
Wabasso Causeway Park Improvements	IR-88-3	Indian River County	\$100,000	\$250,000
Wabasso Causeway Dredging	IR-88-4	Indian River County	\$40,000	\$80,000
Environmental Learning Center	IR-90-7	Indian River County	\$175,000	\$175,000
Round Island Park Improvements	IR-91-9	Indian River County	\$130,000	\$300,000
Environmental Learning Center	IR-92-11	Indian River County	\$30,000	\$60,000
Environmental Learning Center	IR-93-12	Indian River County	\$30,000	\$60,000
Dev Of Educ Opp & Res Pot. For Oslo Riverfront- Phase I	IR-93-14	Indian River County	\$3,650	\$7,300
Environmental Learning Center	IR-94-15	Indian River County	\$73,926	\$273,510
Round Island Park - Phase II	IR-94-16	Indian River County	\$57,650	\$112,100
Pelican Island Nat'l Wildlife Refuge Sign & Brochure	IR-94-17	Indian River County	\$11,500	\$17,000
Intracoastal Waterway Waterfront Improvements	IR-95-18	Indian River County	\$17,265	\$17,265
Oslo Riverfront Conservation Area - Phase II	IR-95-19	Indian River County	\$90,600	\$192,100
Environmental Learning Center Computers & Lighting	IR-96-20	Indian River County	\$43,933	\$43,933
Wabasso Causeway Park Improvements	IR-98-24	Indian River County	\$22,000	\$45,020
Wabasso Causeway Park Improvements - Phase II	IR-99-26	Indian River County	\$120,000	\$527,067
Navigation Channel Dredging	IR-99-27	Indian River County	\$30,000	\$50,000
Marine Enforcement Program	IR-99-28	Indian River County	\$28,000	\$37,334
Fire Rescue Equipment and Fire Rescue Boat	IR-FD-88-5	So. Indian River Fire District	\$11,100	\$25,000
Fire Rescue Boat Dock	IR-FD-88-6	So. Indian River Co. Fire District	\$7,000	\$15,550
Waterway Boating Safety Program	IR-IRS-00-30	Indian River Shores	\$41,016	\$54,690
Sebastian Indian River Waterway Enhancement - Phase A	IR-SE-00-29	City Of Sebastian	\$170,000	\$425,000
Waterway Boating Safety Program	IR-SE-02-34	City Of Sebastian	\$25,000	\$50,000
Main Street Boat Ramp Trailer Parking Acquisition	IR-SE-07-41	City Of Sebastian	\$487,532	\$1,527,357
Main Street Dock & Boat Ramp Repairs	IR-SE-98-23	City Of Sebastian	\$62,000	\$125,000
Channel Extension To I.C.W. - Phase I (Expired)	IR-SI-02-35	Sebastian Inlet Tax District	\$63,121	\$179,384
Coconut Point Shoreline Stabilization - Phase I	IR-SI-10-48	Sebastian Inlet District	\$36,000	\$72,000

**WATERWAYS ASSISTANCE PROGRAM PROJECTS
INDIAN RIVER COUNTY
1986-2013**

Sebastian Inlet Multi- User Pier	IR-SI-10-49	Sebastian Inlet District	\$136,750	\$273,500
Link Sebastian Inlet Navigation Channel to ICW	IR-SI-92-10	Sebastian Inlet Tax District	\$156,000	\$236,000
Vero Beach Marina Improvements	IR-VB-01-33	City Of Vero Beach	\$100,000	\$200,000
Vero Beach Marina South Dock Improvements	IR-VB-03-38	City Of Vero Beach	\$49,000	\$98,000
City Marina South Complex	IR-VB-08-43	City Of Vero Beach	\$378,075	\$756,150
City Marina Dry Storage Re-rack	IR-VB-09-45	City Of Vero Beach	\$41,000	\$82,000
City Marina South Complex - Part 2	IR-VB-09-46	City Of Vero Beach	\$207,935	\$4,600,000
Mac William Park Boat Ramps Reconstruction - Phase I	IR-VB-10-50	City Of Vero Beach	\$15,000	\$30,000
City Marina South Complex - Part 3	IR-VB-10-51	City Of Vero Beach	\$172,790	\$3,622,790
Mac William Park Boat Ramp Reconstruction	IR-VB-11-52	City Of Vero Beach	\$175,000	\$350,000
Moorings & Navigational Aids	IR-VB-87-2	City of Vero Beach	\$20,642	\$41,283
Municipal Marina	IR-VB-91-8	City Of Vero Beach	\$30,000	\$249,650
Law Enforcement Patrol/ Rescue Boat	IR-VB-93-13	City Of Vero Beach	\$16,280	\$57,220
Royal Palm Pointe Project	IR-VB-97-21	City Of Vero Beach	\$50,000	\$100,000
Royal Palm Pointe Project - Phase I I	IR-VB-98-22	City Of Vero Beach	\$145,000	\$700,000
Vero Beach Marina Improvements - Phase I	IR-VB-99-25	City Of Vero Beach	\$53,000	\$150,000
TOTALS			\$4,339,141	\$17,640,956



- ★ Wapito
- ▲ Indian River ICWW
- Indian River Base map
- Survey Control
- County Line
- Roads
- Edge of Water
- C Mes
- FELLSMERE
- INDIAN RIVER SHORES
- ORCHID
- SEBASTIAN
- UNINCORPORATED
- VERO BEACH

LOCATION MAP

Indian River County

Waterways Assistance Program Projects

ECONOMIC BENEFITS OF THE DISTRICT'S WATERWAYS



Purpose

To update economic benefits in Indian River County of marine-related activities on the District Waterways, as previously estimated in *An Economic Analysis of the District's Waterways in Indian River County*, June 2001, and to provide the general public and Federal, State, and local officials with a clear understanding of the importance of maintaining the waterways.



Scenarios Evaluated

1. Current Existing Conditions
2. Cessation of Waterways Maintenance
3. Increase in Waterways Maintenance

ECONOMIC IMPACTS

Current Existing Impacts

- \$44.1 million in business volume
- \$10.1 million in personal income
- 242 jobs
- \$1.2 million in tax revenue

Impacts of Cessation of Waterways Maintenance

- Decrease of \$14.3 million in business volume
- Decrease of \$3.1 million in personal income
- Decrease of 77 jobs
- Decrease of \$0.5 million in tax revenue

Impacts of an Increase in Waterways Maintenance

- Increase of \$1.2 million in business volume
- Increase of \$0.4 million in personal income
- Increase of 12 jobs
- Increase of \$0.1 million in tax revenue

Due to anomalies in Florida Department of Revenue reported gross sales data, the impact of the 2007-2009 U.S. Economic Recession on the Indian River County economy could not be estimated.

INDIAN RIVER COUNTY

Economic Benefits as of April 2011



ECONOMIC BENEFITS OF THE DISTRICT'S WATERWAYS

INDIAN RIVER COUNTY

The Intracoastal Waterway

The Atlantic Intracoastal Waterway (AICW) is a 1,391-mile channel between Trenton, New Jersey, and Miami, Florida. The Waterway along Florida's eastern seaboard is 406 miles long and follows coastal rivers and lagoons past numerous tourism-oriented communities. The channel is authorized to a depth of 12 feet from Nassau County to Fort Pierce, and a 10 foot depth south through Miami-Dade County. Boating activities on the waterways contribute to the existence of numerous marine-related businesses such as marinas and boatyards and have stimulated development of residential properties on the Waterways.

The Navigation District

The Florida Inland Navigation District, created in 1927, is the local sponsor for the AICW in Florida. In cooperation with the Jacksonville District of the U.S. Army Corps of Engineers, the Navigation District is responsible for maintenance of the AICW in Florida. To maintain navigation, the waterways need to be periodically dredged due to shoaling from currents, upland soil erosion, and the movement of offshore sands through the ocean inlets. Maintenance dredging is projected to cost approximately \$12 to \$16 million annually during the next 50 years, of which 50 percent of the costs are expected to be borne by property owners within the Navigation District's jurisdiction.

The Navigation District also partners with other governments to provide waterway access and improvement facilities for our mutual constituents. These projects include public boat ramps, marinas, side channels, parks, fishing piers, boardwalks, navigation aids, derelict vessel removal, shoreline stabilization, and waterway cleanups.

Source of Data Used in This Analysis

The economic benefits of the Waterways were estimated in June 2001 in *An Economic Analysis of the District's Waterways in Indian River County*.

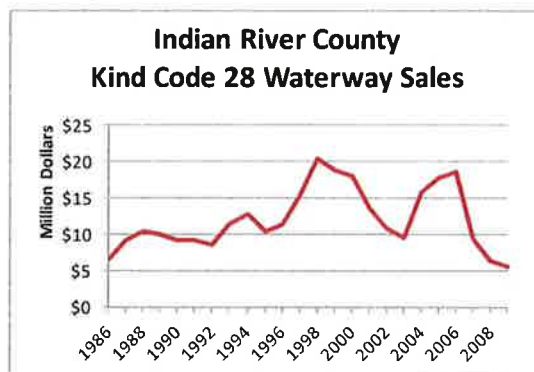
Updating of Previously Estimated Benefits

The benefits presented in this analysis were estimated by updating the direct marine-business

impacts in the original analysis to current values using the change in gross sales reported by boat dealers to the Florida Department of Revenue (FDOR). The updated direct impacts were used in conjunction with an IMPLAN input/output model to estimate total economic benefits.

Estimating the Impact of the Recession

The methodology for estimating the impact of the recession was based on the trend in gross sales of boat dealers established over the 20-year period prior to the onset of the recession. This trend was used to estimate the theoretical gross sales if sales had continued to increase at the rates previously experienced. However, anomalies in the FDOR reported gross sales data for Indian River County prevented the development of an estimate of the recession. As illustrate in the graph below, FDOR reported gross sales data for boat dealers fluctuated widely from \$6.5 million in 1986 to \$20.4 million in 1998 to \$5.4 million in 2009. As a result, the impact of the recession on the Indian River County economy could not be estimated.

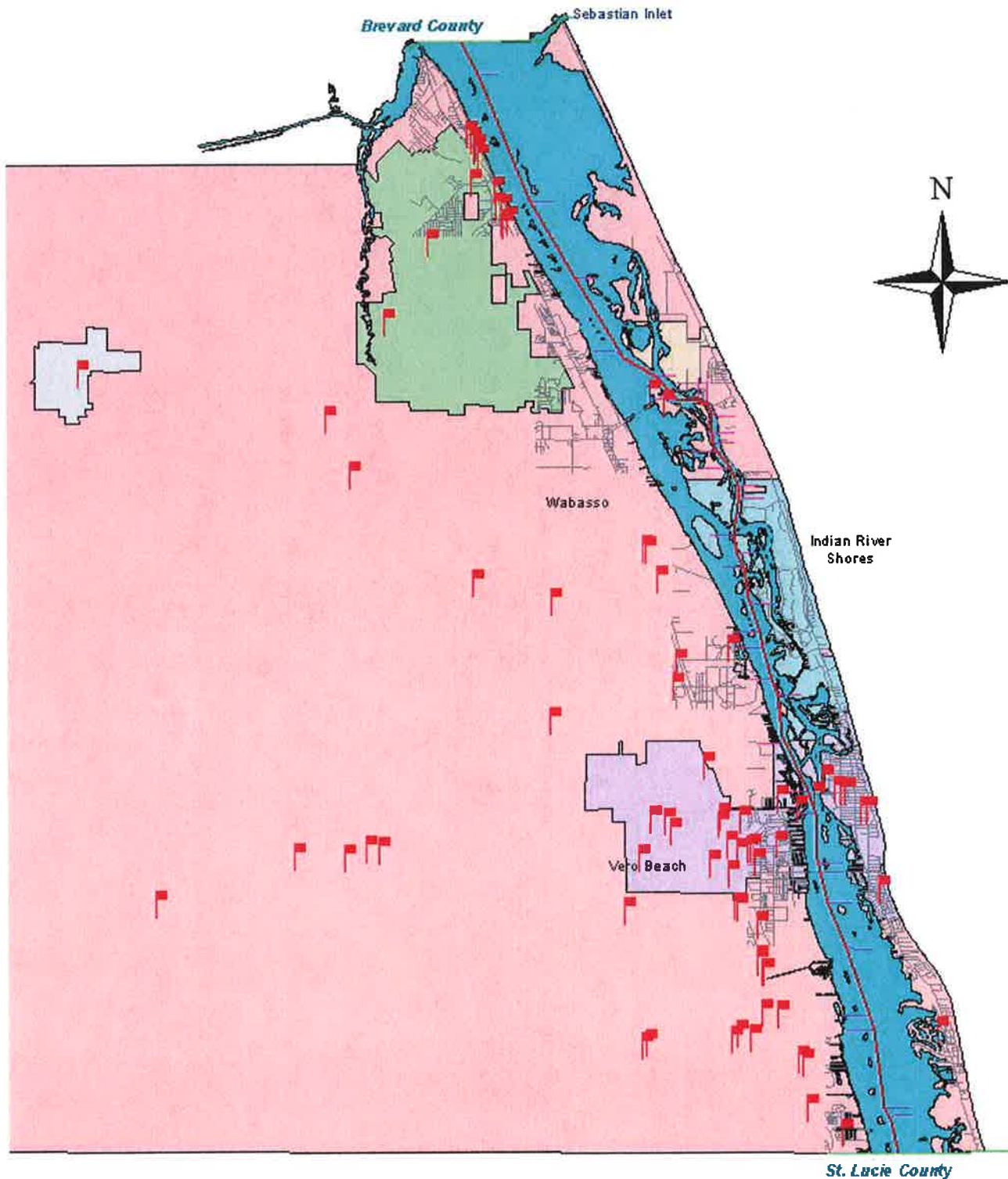


Annual Boater Spending on Gas, Food, and Drinks at Non-Marine-Related Establishments

- Current existing conditions: \$11.8 million
- Cessation of maintenance: \$9.7 million
- Increased maintenance: \$11.8 million

Vessel Draft Restrictions Assumed for Each Scenario

- Current existing conditions: 6.5 feet MLW
- Cessation of maintenance: 3 feet MLW
- Increased maintenance: 10 feet MLW



- Businesses.shp
- Indian River ICWW
- Indian River Base map
- Survey Control
- County Line
- Roads
- Edge of Water
- Cities**
- FELLOSMERE
- INDIAN RIVER SHORES
- OAK RIDGE
- SEBASTIAN
- UNINCORPORATED
- VERO BEACH

LOCATION MAP

Indian River County

Marine related Businesses



REC'D

JUL 25 2013

Florida Inland
Navigation District

Department of Environmental
Resources Management
2300 North Jog Road, 4th Floor
West Palm Beach, FL 33411-2743
(561) 233-2400
FAX: (561) 233-2414
www.pbegov.org/ern

July 24, 2013

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

Dear Ms. Zimmerman:

Palm Beach County
Board of County
Commissioners

Steven L. Abrams, Mayor
Priscilla A. Taylor, Vice Mayor
Hal R. Valeche
Paulette Burdick
Shelley Vana
Mary Lou Berger
Jess R. Santamaria

County Administrator
Robert Weisman

"An Equal Opportunity
Affirmative Action Employer"

**SUBJECT: PROJECT COST AMENDMENT (PB-10-147)
JUPITER RIDGE SHORELINE RESTORATION PROJECT**

We respectfully request a cost amendment reduction for the above-mentioned project. The estimated total project cost was originally \$1,479,718.00; however, the actual project cost was lowered by \$496,884.40 to \$982,833.60. The reduced cost was due to a lower priced construction bid and the removal of a project element that included *spartina* and mangrove plantings. Please see attached for the revised Project Cost Estimate (Exhibit A), which reflects the actual construction costs of the project.

Palm Beach County originally requested \$500,000 in funding assistance from FIND (33.79% match) based on the estimated project cost; however, \$491,416.80 (50% match) in funding is requested at this time based on the actual project cost. The revised funding request would split the project cost evenly between Palm Beach County and FIND.

Please contact me at (561) 233-2400 or Jeff Buck, Environmental Analyst, at (561) 233-2466 with any questions or comments.

Sincerely,

Robert Robbins, Director
Environmental Resources Management

RR:jb
Enclosures

EXHIBIT A

FLORIDA INLAND NAVIGATION DISTRICT
ASSISTANCE PROGRAM

PROJECT COST ESTIMATE

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)PROJECT TITLE: Jupiter Ridge Shoreline Restoration ProjectAPPLICANT: Palm Beach County

Project Elements <i>(Please list the MAJOR project elements and provide a general cost break out for each one. For Phase I Projects, please list the major elements and products expected)</i>	Quantity Estimated Cost (Number and/or Footage)	Applicant's Cost	FIND Cost
Mobilization/Demobilization	1 @ \$142,600.00	\$71,300.00	\$71,300.00
Turbidity Monitoring	40 events @ \$25,800.00	\$12,900.00	\$12,900.00
Supply Armor Stone	10,866.76 tons @ \$402,070.12	\$201,035.06	\$201,035.06
Supply Bedding Stone	3,381.14 tons @ \$114,958.76	\$57,479.38	\$57,479.38
Supply Filter Fabric	13,569 sy @ \$33,922.50	\$16,961.25	\$16,961.25
Transport/Install Filter Fabric	13,569 sy @ \$10,855.20	\$5,427.60	\$5,427.60
Transport/Install Bedding Stone	3,381.14 tons @ \$98,053.06	\$49,026.53	\$49,026.53
Transport/Install Armor Stone	10,866.76 tons @ \$228,201.96	\$114,100.98	\$114,100.98
Supply/Transport/Install Wooden Pilings and Waterway Marker Signs	5 @ \$17,000.00	\$8,500.00	\$8,500.00
(Contractor Discount for Use of MSA-617C Staging Site)	-(\$90,628.00)	-(\$45,314.00)	-(\$45,314.00)

**** TOTALS =** **\$982,833.60** **\$491,416.80** **\$491,416.80**

33,797.85 total
= 332,099.47

**FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM
PROJECT COST ESTIMATES**

PROJECT NUMBER: PB-10-147

PROJECT TITLE: Jupiter Ridge Shoreline Restoration Project

APPLICANT: Palm Beach County

Revision Date: _____

Project Elements	Quantity (Number and/or Footage)	Estimated Cost	Applicants Cost	FIND Cost	
Filter Fabric	9,493 S.Y. @ \$14.16	+\$ 134421.00	+\$ 87491.00 16,961.25	+\$ 46930.00 16,961.25	↓
Bedding Stone	1,610 tons @\$54.28	+\$ 87390.00	+\$ 56680.00 57,479.38	+\$ 30610.00 57,479.38	↑ 26,969.38
Armor Stone	8,347 tons @ \$54.28	+\$ 453075.00	+\$ 294895.00 201,035.06	+\$ 158180.00 201,035.06	↑ 42,855.06
Chinking Stone	834 tons @ \$51.92	+\$ 43302.00	+\$ 28184.00	+\$ 15118.00	
Mob and Demob	1	+\$ 104813.00	+\$ 68220.00 71,300	+\$ 36500.00 71,300	↑ 34,707
Turbidity Monitoring	18 days @ \$152.22	+\$ 2740.00	+\$ 1782.00 12,900	+\$ 957.00 12,900	↑ 11,943
Transport/Install Filter Fabric	9,493 S.Y. @ \$4.72	+\$ 44807.00	+\$ 29164.00 5427.60	+\$ 15643.00 5427.60	↓
Transport/Install Armor & Chinking Stone	9,181 tons @ \$41.30	+\$ 379176.00	+\$ 246796.00 114,100.98	+\$ 132380.00 114,100.98	↓
Transport/Install Bedding Stone	1,610 tons @ \$34.22	+\$ 55094.00	+\$ 35859.00 49,026.53	+\$ 19235.00 49,026.53	↑ 29791.53
Transport/Install All Stone	107,910 ton-miles @\$1.18	+\$ 127332.00	+\$ 82878.00 8,500	+\$ 44454.00 8,500	↓
Spartina & Mangrove Plantings	9,910 @ \$4.80	+\$ 47568.00	+\$ 47568.00		
Contractor discount			-45,314	-45,314	
TOTALS		+\$ 1479718.00	+\$ 979718.00	+\$ 500000.00	↑ 146,263.97
		982,833.60	491,416.80	491,416.80	299.60



**Parks and Recreation
Department**

2700 6th Avenue South
Lake Worth, FL 33461
(561) 966-6600
Fax: (561) 966-6734
www.pbcparcs.com

**Palm Beach County
Board of County
Commissioners**

Steven L. Abrams, Chairman
Priscilla A. Taylor, Vice Chair
Hal R. Valeche
Paulette Burdick
Shelley Vana
Mary Lou Berger
Jess R. Santamaria

County Administrator

Robert Weisman

August 5, 2013

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

**RE: Modification of the Waterway Park - Waterways Assistance
Program Grant PB-10-149**

Dear Ms. Zimmerman:

On October 27, 2010, the County entered into a Project Agreement with FIND for \$100,000 in grant funding for the planning, design and permitting of Waterway Park, representing 25% of the funding for this \$428,711 project. Unfortunately, a portion of the expenses occurred before the grant was executed and Phase 4 which included \$91,766 for bid assistance and construction administration has yet to occur.

FIND has already graciously granted the County an Amendment to the Agreement approving a one year time extension until September 1, 2013. The County would like to request a Second Amendment to the Agreement changing the percentage of reimbursement from 25% to 50%, while leaving the grant award at \$100,000.

Please contact Jean Matthews, Senior Planner, at 966-6652 if you have any questions or additional information regarding this requested modification. Thank you for your consideration.

Sincerely,

Eric Call, Director
Parks and Recreation Department

Attachments

Revised cost estimate

ATTACHMENT E-5

FLORIDA INLAND NAVIGATION DISTRICT
ASSISTANCE PROGRAM

PROJECT COST ESTIMATE

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

PROJECT TITLE: Waterway Park Design and PermittingAPPLICANT: Palm Beach County Board of County Commissioners.

Project Elements <i>(Please list the MAJOR project elements and provide a general cost break out for each one. For Phase I Projects, please list the major elements and products expected)</i>	Quantity Estimated Cost (Number and/or Footage)	Applicant's Cost	FIND Cost
<u>Phase 1</u> Preliminary field investigation, data acquisition, site plan definition (conceptual design)	Lump Sum	\$17,229.70	\$17,229.70
<u>Phase 2</u> Preliminary Engineering/Architectural Design and Permitting (50% Design)	Lump Sum	\$41,504.58	\$41,504.58
<u>Phase 3</u> Final Engineering/Architectural Design and Permitting (95% Design)	Lump Sum	\$41,265.72	\$41,265.72

**** TOTALS =** \$200,00 \$ 100,000 \$100,000

Form No. 90-25 (New 10/14/92, Revised __-__-06)

Waterway Park														
FIND Grant PB-10-149														
Grant Period: 10/27/2010 through 09/01/2013														
Grant Budget														
Phase 1 - Conceptual Design Phase 2 - 50% Design Phase 3 - 95% Design Phase 4 - Construction Administration Reimbursables	C3TS Payment Applications	Month	Year	FIND		PBC		Total		C3TS				
				Phase I	Phase 2	Phase 3	Phase 4	Reimbursables	Supp 1	Supp 2	Total			
	PA 1	OCT	2009	\$53,878.20										
	PA 2	NOV	2009	\$1,314.04	\$4,952.60									
	PA 3	DEC	2009	\$6,260.41	\$7,953.20									
	PA 4	JAN	2010		\$2,270.16									
	PA 5	FEB	2010	\$656.25	\$2,270.16									
	PA 6	MAR	2010	\$9,512.57	\$3,540.66									
	PA 7	APR	2010	\$10,126.00	\$3,694.46									
	PA 8	MAY	2010		\$7,263.74									
PA 9	JUN	2010		\$4,562.78										
PA 10	JUL	2010	\$11,996.32	\$23,711.15										
PA 11	AUG	2010	\$1,200.29	\$6,595.60										
PA 12	SEP	2010	\$3,391.10	\$5,172.50										
PA 13	OCT	2010	\$437.50	\$7,534.33										
PA 14	NOV	2010	\$3,997.63	\$8,161.62										
PA 15	DEC	2010		\$20,673.97										
PA 16	JAN-FEB	2011	\$4,851.50	\$20,675.83										
PA 17	MAR	2011		\$6,788.80										
PA 18	APR	2011	\$32.50	\$10,941.81	\$9,521.29									
PA 19	MAY	2011		\$6,309.80	\$37,208.66									
PA 20	JUN-AUG	2011	\$19,667.13	\$8,372.76	\$33,698.38									
PA 21	SEP-DEC	2011	\$5,910.47		\$5,430.51									
PA 22	JAN-APR 12 th	2012	\$0.18	\$1,084.57	\$335.97									
			\$133,232.09	\$162,530.50	\$86,194.81	\$0.00	\$5,000.00	\$386,957.40						

**FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM
PROJECT COST ESTIMATES**

PROJECT NUMBER: PB-10-149

PROJECT TITLE: Waterway Park Design & Permitting - Phase I

APPLICANT: Palm Beach County

Revision Date: _____

Project Elements	Quantity (Number and/or Footage)	Estimated Cost	Applicants Cost	FIND Cost
Part 1 - Conceptual Design	L.S.	+\$ 113426.00	+\$ 113426.00	
Part 2 - Preliminary Engr/Architectural Design & Permitting	L.S.	+\$ 134219.00	+\$ 67109.00	+\$ 67109.00
Part 3 - Final Engr/Architectural Design & Permitting	L.S.	+\$ 89300.00	+\$ 56409.00	+\$ 32891.00
Part 4 - Bidding Assistance & Construction Administration	L.S.	+\$ 91766.00	+\$ 91766.00	
TOTALS		+\$ 428711.00	+\$ 328710.00	+\$ 100000.00

DRAFT SCOPE OF WORK
MONITORING ACTIVITIES ASSOCIATED WITH THE MIAMI-DADE COUNTY
2013 MAINTENANCE DREDGING IN THE VICINITY OF BAKERS HAULOVER INLET
AND IWW IN THE VICINITY OF BAKERS HAULOVER INLET

1. Project Description

Routine maintenance dredging will be performed within the Intracoastal Waterway, Vicinity of Bakers Haulover Inlet every two years on average. The proposed limits of dredging within the IWW are from Sta. 23+36 to 56+26 inside Cut-DA-9. The estimated volume to be removed from the IWW, Cut-DA9 is approximately 30,000 cy (every 4-5 years). Dredging will occur to -10 feet mllw (+2 foot over depth) in the IWW Cut-DA9. All dredged material will be placed along Bal Harbour Beach, Depending upon existing shoal volumes, dredging may take from two weeks to two months.

2. Scope

The work elements under this Scope of Work will provide assessments and surveys during specified periods of the projects' pre-construction, construction, and post-construction phases, and include the following items:

- a. Two in-water Seagrass and Benthic Community Surveys (pre and post-construction)
- b. Three "interim" visual seagrass and benthic community surveys
- c. Pre-construction and construction period shorebird monitoring (if activities occur within the Shorebird nesting season of April 1st to September 1st).
- d. Seaturtle monitoring (between April 1st and November 1st) within the construction area during project related activities and for a period of 3 years post construction
- e. Beach compaction monitoring annually for three years post-project construction
- f. Annual beach tilling (when determined necessary based on Beach Compaction results) for a period of three years post-project construction.

Detailed descriptions of the activities are provided below in Section 2.a through 2.f.

2.a Seagrass and Benthic Community Surveys

2.a.1 Preconstruction Surveys

The work covered by these surveys will incorporate:

- the proposed pipeline route,
- the 150-meter mixing zone adjacent to the dredge area, and
- all vessel operations areas.

Areas that are verified as barren sand (via review of aerial photography and visual surveys) will not be surveyed using benthic resource assessment methodology. Areas identified as "barren sand" in aerial digital photographs will be verified to be barren sand and devoid of seagrass or other significant habitat by a qualified biologist with experience in benthic and seagrass habitat assessment, prior to exclusion of a region from the survey area. The verification process will involve spatially explicit visual inspections (i.e., 'spot checks') and 'diver-tow' linear surveys by a biologist.

Seagrass or other benthic resources identified in the pipeline corridor will be delineated using GPS ($\pm 3m$), and assessed using the Braun-Blanquet Cover-Abundance method and to provide a quantitative estimate of acreage and density of seagrass and other benthic resources (including species type) within the corridor. The results of any such assessments will be included with the pre-construction survey map.

The project area is known to support seagrasses and/or other benthic resources. These resources will be quantified based on the aerial photography and in-water visual assessment methodology described below. Seagrass and other benthic resources identified in the mixing zone, will be delineated using GPS and edges of seagrass beds or other significant habitat may be marked by temporary floating buoys at spacing sufficient to denote areas to be avoided by the dredging operator. Within the delineated seagrass beds random stations will be established for assessment of seagrass and benthic composition and density. This is consistent with the NOAA National Marine Fisheries "Recommendations for Sampling *Halophila johnsonii* at a Project Site" guidance document and is consistent with the survey methodology used by DERM during the prior seagrass surveys for dredging operations on this segment of the ICW in 2010. A Braun-Blanquet Cover-Abundance method will be utilized to provide a quantitative estimate of acreage and density of seagrass and other benthic resources within the mixing zone.

2.a.2 Post-Construction Surveys

Within 21 days of construction completion, a post-construction seagrass and hardbottom benthic community surveys shall be conducted at the same random sampling locations (based on previously recorded GPS site coordinates) as were used for the pre-construction survey. Areas previously identified as barren sand in the pre-construction survey will not to be re-surveyed. Additionally, when provided the coordinates (F1 State Plane [NAD 1983] or Latitude/Longitude), divers shall visit all anchor locations that were positioned within the perimeter of a seagrass bed or significant hardbottom area, and quantitatively assess the area and magnitude of impact.

2.b. Interim Visual Surveys.

Interim shallow draft vessel -based visual inspections, or in water snorkeling inspections if visibility is poor, of the boundaries of the dredging areas and pipeline corridors will be rapidly assessed during construction. The inspections will occur 1) within 24 hours prior to commencement of dredging, 2) once approximately halfway through completion of the dredging, as designated and communicated by the contractor and 3) once immediately following completion of the dredging, but prior to demobilizing. If the Permittee, or local sponsor, notes any unusual or unanticipated areas of impact during or after dredging, such as deposition, denuding, or other kinds of impacts, outside of the authorized channel and its 3:1 sideslopes that were likely caused by construction activities, then in-water diver surveys shall be conducted to more accurately assess the damage. The Department acknowledges that Corps' procedures prohibit personnel from being in the water while the dredge is operating, so these surveys shall occur at times when the dredge is not operating.

2.c Shorebird Monitoring

1. Shorebird Monitor shall review and become familiar with the general information and data collection protocols outlined on the FWC's Beach-Nesting Bird Website (<http://myfwc.com/shorebirds/>) and will utilize the downloadable field data sheets, as available on the website.
 - a. If project activities occur during nesting season, the surveys will begin on April 1 or 10 days prior to project commencement (including surveying activities and other pre-construction presence on the beach), whichever is later, and be conducted daily throughout the construction period by the Permittee. The shorebird monitoring will continue weekly through August or through fledgling or loss of identified nests or hatchlings, whichever is later.
 - b. Nesting season surveys shall be conducted in all potential beach-nesting bird

habitats within the project boundaries that may be impacted by construction or pre-construction activities during the nesting season. Portions of the project in which there is no potential for project-related activity during the nesting season may be excluded.

- c. Surveys for detecting new nesting activity will be completed on a daily basis prior to movement of equipment, operation of vehicles, or other activities that could potentially disrupt nesting behavior or cause harm to the birds or their eggs or young.
 - d. Surveys shall also document the presence of any piping plovers within or adjacent to the dredge site. Activities must be implemented to avoid disturbing this endangered species.
2. Once breeding is confirmed by the presence of a scrape, eggs, or young, DERM will notify FIND and the Regional Nongame Biologist of the FFWCC at (561) 625-5122 within 24 hours.
 - a. All breeding activity will be reported to the Beach-Nesting Bird website within one week of data collection.
 - b. Observations of non-breeding shorebirds will be reported to the Shorebird-Seabird Occurrence Database and the Regional Nongame Biologist.
 3. Within the project area, the Permittee shall establish a 300 ft-wide buffer zone around any location where shorebirds have been engaged in nesting behavior, including territory defense. Any and all construction activities, including movement of vehicles, shall be prohibited in the buffer zone. The protocols to be followed include:
 - a. No construction activities, tilling and scarp removal, movement of vehicles, or stockpiling of equipment shall be allowed within the buffer area.
 - b. A relatively even surface, with no deep ruts or furrows, shall be created during tilling. To do this, chain-linked fencing or other material shall be dragged over those areas as necessary after tilling.
 - c. The slope between the mean high water line and the mean low water line must be maintained in such a manner as to approximate natural slopes.

2.d Sea Turtle Monitoring

1. Miami-Dade County will conduct Sea Turtle Nesting activity for all nesting activity for the initial nesting season and for a minimum of two (2) additional nesting seasons in the area of fill placement along Bal Harbor Beach, and the immediate 500 ft interval south and north (if any) of the fill area. Monitoring of nesting activity in the three (3) seasons following construction will include daily surveys and any additional measures authorized by the FWC. Reports to be submitted shall include daily report sheets noting all activity, nesting success rates, hatching success of all relocated nests, hatching success of a representative sampling of nests left in place (if any), dates of construction and names of all personnel involved in nest surveys and relocation activities. All survey and authorized work will be conducted under the auspices of an individual duly permitted by the State for such activities. These activities include:
 - a. Early morning daily surveys for nesting activity
 - b. Species identification and
 - c. Marking nest sites

- d. Determination of nesting success
 - e. Nest relocation (if required)
 - f. Collection and reporting of all data as per State Permit and contractual requirements
2. Visual surveys for escarpments along the beach fill area will be made immediately after completion of the beach nourishment project and prior to April 1 for the following three years if placed sand still remains on the beach. All scarps will be leveled or the beach profile shall be reconfigured to minimize scarp formation. In addition, weekly surveys of the project area will be conducted during the two nesting seasons following completion of fill placement and the following recorded:
- a. The number of escarpments and their location relative to DNR-DEP reference monuments shall be recorded during each weekly survey and reported relative to the length of the beach surveyed (e.g., 50% scarps). Notations on the height of these escarpments shall be included (0 to 2 feet, 2 to 4 feet, and 4 feet or higher) as well as the maximum height of all escarpments.
 - b. Escarpments that interfere with sea turtle nesting or that exceed 18 inches in height for a distance of 100 feet shall be leveled to the natural beach contour by April 15. Any escarpment removal shall be reported relative to R-monument.
 - c. If weekly surveys during the marine turtle nesting season document subsequent reformation of escarpments that exceed 18 inches in height for a distance of 100 feet, the FWC shall be contacted immediately to determine the appropriate action to be taken.
Scarp remediation shall only occur upon written notification from the FWC; the permittee shall level escarpments in accordance with mechanical methods prescribed by the FWC.

2.e Beach Compaction Surveys

Compaction surveys will be conducted once annually for 3 years to coincide with tilling activities. Compaction sampling sites will be located at 500-foot intervals along the project area (R28-R29). Each site will have two stations. One station shall be at the seaward edge of the dune/bulkhead line (when material is placed in this area) and one station shall be midway between the dune line and the high water line (normal wrack line). At each station, the cone penetrometer shall be pushed to a depth of 6, 12, and 18 inches three times (three replicates). Material may be removed from the hole if necessary to ensure accurate readings of successive levels of sediment. The penetrometer may need to be reset between pushes, especially if sediment layering exists. Layers of highly compact material may lay over less compact layers. Replicates shall be located as close to each other as possible, without interacting with the previous hole and/or disturbed sediments. The three replicate compaction values for each depth shall be averaged to produce final values for each depth at each station. Reports shall include all 18 values for each transect line, and the final 6 averaged compaction values. If the average value for any depth exceeds 500 psi for any two or more adjacent stations, then that area shall be tilled prior to March 1. If values exceeding 500 psi are distributed throughout the project area but in no case do those values exist at two adjacent stations at the same depth, then consultation with the FWC shall be required to determine if tilling is required. If a few values exceeding 500 psi are present randomly within the project area, tilling shall not be required.

2.f Beach Tilling

Immediately after completion of the fill placement event and prior to April 1 for three (3) subsequent years if placed sand still remains on the beach, the beach shall be tilled as described below. During the three (3) years following each fill placement event, FIND may measure sand compaction in the area of restoration in accordance with a protocol agreed to by the FWC, the

Department, the U.S. Fish & Wildlife Service, and the local sponsor to determine if tilling is necessary. If required, the area shall be tilled to a depth of 36 inches. All tilling activity will be completed prior to May 1, unless nourishment activities are permitted during the given season, in which case tilling shall occur immediately after completion of the fill placement event, and for three (3) subsequent years, as outlined in this condition. An annual summary of compaction surveys and the actions taken will be submitted to the FIND.

3. Reports

- a. Within two weeks after completion of the preconstruction surveys, the contractor shall prepare a map delineating the perimeter of all seagrass beds and other significant benthic habitat within the mixing zone at a resolution sufficient to help the contractor avoid anchoring within significant habitat, and for use for supplemental turbidity monitoring.
- b. The Interim survey reports shall be submitted within 7 days after completion of each survey. The actual timing of the conduct of the surveys will depend on progress of the project. The contractor will be coordinating the specific timing of each event with FIND and the dredging contractor.
- c. Within 30 days after the post-construction benthic habitat surveys, the contractor shall prepare a draft report (one electronic copy; and if so directed by FIND, one paper copy) that documents all signs of impact to the seagrass beds or other benthic communities since the pre-construction survey (e.g., reduced perimeter, reduced density, and scouring) and during the interim inspections, an approximate quantification of the extent of the impacts, and an evaluation of the likelihood that the listed impacts are attributable to the dredge operations. FIND shall review the draft reports and submit comments to the Contractor within seven calendar days after receipt of the draft report. The final report will be submitted to FIND within seven calendar days after receipt of the FIND's comments on the draft report.
- d. Within 30 days of the each annual beach compaction survey, the contractor shall prepare a draft report (one electronic copy; and if so directed by FIND, one paper copy) that documents results of the surveys. FIND shall review the draft reports and submit comments to the Contractor within seven calendar days after receipt of the draft report. The final annual reports will be submitted to FIND within seven calendar days after receipt of the FIND's comments on the draft reports.
- e. Reports on all sea turtle nesting activity shall be provided for the initial nesting season and for a minimum of two (2) additional nesting seasons. Monitoring of nesting activity in the three (3) seasons following construction shall include daily surveys and any additional measures authorized by the FWC. Reports submitted shall include daily report sheets noting all activity, nesting success rates, hatching success of all relocated nests, hatching success of a representative sampling of nests left in place (if any), dates of construction and names of all personnel involved in nest surveys and relocation activities. Data will be reported separately for filled areas and non-filled areas

4. Format

- a. Electronic copies of the draft and final reports shall be delivered in a common word processing document format such as Microsoft Word, Adobe, etc. If hard copies are requested by FIND, documents shall be typed or printed, single spaced, with a letter quality printer (dot-matrix printing will not be accepted) on fully white, offset bookpaper, 12 substance (government weight, 1000 sheets, 25 x 38), or equal. Reports will be printed on one side of each page only. All pages must be consecutively numbered. Page size shall be 8-1/2 by 11 inches, with 1-1/2 inch binder

margins. Drawings and plates will not normally have an image larger than 10 by 16 inches with sufficient margin for binding on the left side.

- b. The title page must bear an inscription indicating the contract number and the source of the funds used to conduct the study. The original copy of the final report shall be signed by the Project Manager.
- c. FIND and any reviewers designated by the FIND will review and comment upon the draft document. The FIND will compile the comments and submit them to the Contractor. Upon receipt of the review comments, the Contractor shall incorporate or resolve all the comments and submit on preliminary copy of the final document. After acceptance of the final document, the original and a specified number of copies of the final document shall be submitted.

5. Deliverables

- a. After receiving the Notice to Proceed (NTP), the Contractor shall complete the required "pre-construction" fieldwork within 30 field days, and prior to the initiation of dredging operations.
- b. The pre-construction map shall be submitted to FIND within two weeks after the final field survey is complete.
- c. The interim survey reports shall be submitted within seven days of completion of the final survey.
- d. The post-construction draft report shall be submitted to FIND within thirty days after the post-construction field survey is complete. A final report shall be submitted to FIND within seven days after receiving comments from FIND on the draft report.
- e. Within 30 days of each annual beach compaction event a draft report shall be submitted. After FIND submits comments to the draft report, the final report shall be submitted to FIND within seven days.
- f. Sea Turtle and Shorebird monitoring reports will be provided to the FFWCC as noted in the Scope and made available to the FIND.

The technical point of contact for the U.S. Army Corps of Engineers is Mike Hollingsworth, CESAJ-PD-EQ, and 904-232-1687.

**Total Miami-Dade County Payment Schedule
2013 Maintenance Dredging in the Vicinity of Baker's Haulover Inlet**

List below are the cost associated with each task identified in Section 2 of this Scope Of Work. The contractor will submit invoices for each task upon completion (e.g., submission of deliverable), however, invoices will not be submitted more frequently than quarterly.

Task	Total Cost
2.a.1. Pre-Construction Seagrass & Benthic Survey (DERM)	\$23,176
2.a.2. Post-Construction Seagrass & Benthic Survey (DERM)	\$22,376
2.b. Interim Inspections (3) (875/event)	\$2,513
2.c. *Shorebird Surveys (Park and Recreation)	N/A
2.d. **Turtle Surveys (60 days (Sept 1 st to October 31 st))	
2.e. Beach Compaction Surveys (Year 2 and 3) (\$1,256/event)	2,513
2.f. Beach Tilling (Annually for 3 years) (\$1,081/event)	\$3,243
2.g. **Lighting Surveys (If necessary) (\$150/survey)	
Total:	\$53,935

* It is anticipated that the construction activity will occur outside of the Shorebird nesting season. Therefore this activity is not budgeted. If required, estimates for this work would be covered through a modification of this agreement or a separate agreement.

** It is anticipated that construction will commence after the end of the sea turtle nesting season. Therefore this item is not itemized at this time. Additional coordination and supplemental information will be necessary if these surveys will need to be conducted by the contractor.

**Total Miami-Dade County Payment Schedule
2013 Maintenance Dredging in the Vicinity of Baker's Haulover Inlet**

List below are the cost associated with each task identified in Section 2 of this Scope Of Work. The contractor will submit invoices for each task upon completion (e.g., submission of deliverable), however, invoices will not be submitted more frequently than quarterly.

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Total:	\$53,935

* It is anticipated that the construction activity will occur outside of the Shorebird nesting season. Therefore this activity is not budgeted. If required, estimates for this work would be covered through a modification of this agreement or a separate agreement.

** It is anticipated that construction will commence after the end of the sea turtle nesting season. Therefore this item is not itemized at this time. Additional coordination and supplemental information will be necessary if these surveys will need to be conducted by the contractor.



**REQUEST FOR COST SUMMARY PROPOSALS
FOR
SEAGRASS SURVEYING SERVICES
FOR THE
INTRACOASTAL WATERWAY DREDGING PROJECT
IN THE VICINITY OF JUPITER INLET**

PROPOSAL NO. 2013-01

FLORIDA INLAND NAVIGATION DISTRICT
REQUEST FOR COST SUMMARY PROPOSALS
FOR
SEAGRASS SURVEYING SERVICES
FOR THE
INTRACOASTAL WATERWAY MAINTENANCE DREDGING PROJECT
IN THE VICINITY OF JUPITER INLET

PROPOSAL NO. 2013-02

I. BACKGROUND

The Florida Inland Navigation District (District) is assisting the U.S. Army Corps of Engineers (USACE) with maintenance dredging of a portion of the Intracoastal Waterway in the vicinity of Jupiter Inlet (Project) to -12 feet mean low water, and one advanced maintenance area to -16 feet mean low water. These maximum depths include the design depth (-10 feet), allowable over-depth (-2 feet) and advance maintenance (up to -16 feet). The District is seeking Cost Summary Proposals from our shortlist of approved Seagrass and Benthic Survey Contractors (Contractors) to perform a seagrass and benthic habitat survey of the Project Area in accordance with our Agreement with the Contractors for these services. The survey will be used by the District and the USACE for permitting the project.

II. PROJECT AREA

This Project will, at minimum, encompass the Intracoastal Waterway (IWW) Channel area (and widener), one settling basin, and 100 foot surrounding areas as shown on Attachment A. The seagrass survey area (project area) will include Cuts P-1 Station 5+00 through Cut 4 through Station 15+00, including the entire settling basin. The dredging area will specifically include Cut P-1 from Station 11+50 to 30+00, and Station 68+00 to 77+00, Cut P-2 Station 24+50 to 28+00, Cut P-3 Station 3+00 to 13+00 and Cut 4, Station 0+00 to 9+00 through Cut P-4, through Station 12+00 and all of the settling basin. This area is approximately 7,800 feet in length, and varies from 400 to 600 feet in width, except at the widener, which is approximately 800 feet in width. If seagrass beds are found during the field survey, their entirety will be surveyed.

III. SCOPE OF WORK

The following constitutes the required Scope of Work that the Contractor must include in their Proposals. The survey will follow the *Recommendations for Sampling Halophyllia johnsonii at a Project Site* (Attachment B) and the *NMFS, Southeast Region Habitat*

Conservation Division's Best Management Practices for Surveying Seagrass for Coastal Construction Planning in Florida (Attachment C), and be consistent with the FDEP permit conditions excerpted in Attachment E.

- III.1** Prepare seagrass and benthic habitat survey methodology of the Project area for the District's review and approval.
- III.2** Coordinate the survey methodology with the National Marine Fisheries Service.
- III.3** Revise the seagrass survey methodology based upon NMFS comments.
- III.4** Perform the seagrass survey prior to August 30, 2013.
- III.5** Prepare a report and mapping of survey results. The survey map will indicate water depths and bottom contours. The report and map will also indicate any other benthic aquatic resources identified in the Project area.

IV. DELIVERABLES

Deliverables will be written survey reports with accompanying maps of the surveyed areas in hard copy and digital formats. Digital maps will be provided in ARCINFO GIS as well as CADD.

V. GENERAL INSTRUCTIONS FOR THE PREPARATION AND SUBMISSION OF PRICE QUOTES

V. 1. Issuing Office:

Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477
Telephone (561)627-3386
FAX (561)624-6480
Project Manager: Mark Crosley, Assistant Executive Director

V. 2 Time, Date, and Place Price Quotes are Due:

Proposals must be received **NO LATER THAN 4:00 P.M.** local prevailing time on August 15, 2013. Quotes can be delivered to the issuing office by mail, express mail, facsimile or e-mail. **CAUTION:** Proposals received after the time specified for receipt will not be considered.

VI. COST SUMMARY PROPOSAL

Cost Summary Proposals shall be submitted on Attachment D.

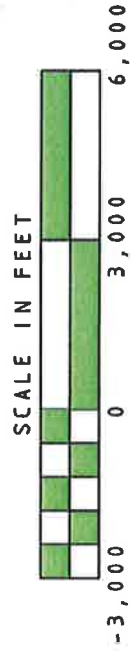
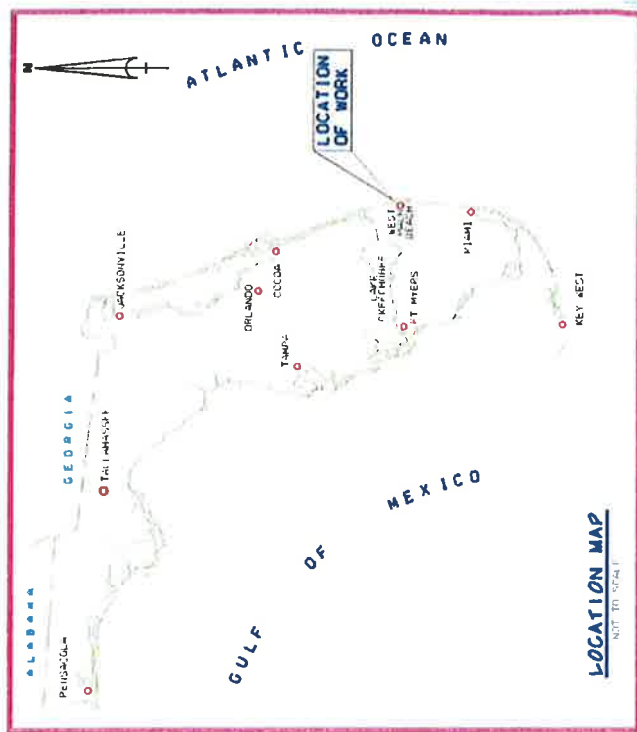
VII. PROPOSAL EVALUATION

Cost Summary Proposals will be evaluated by District staff and potentially the District Board depending on the level of costs involved.

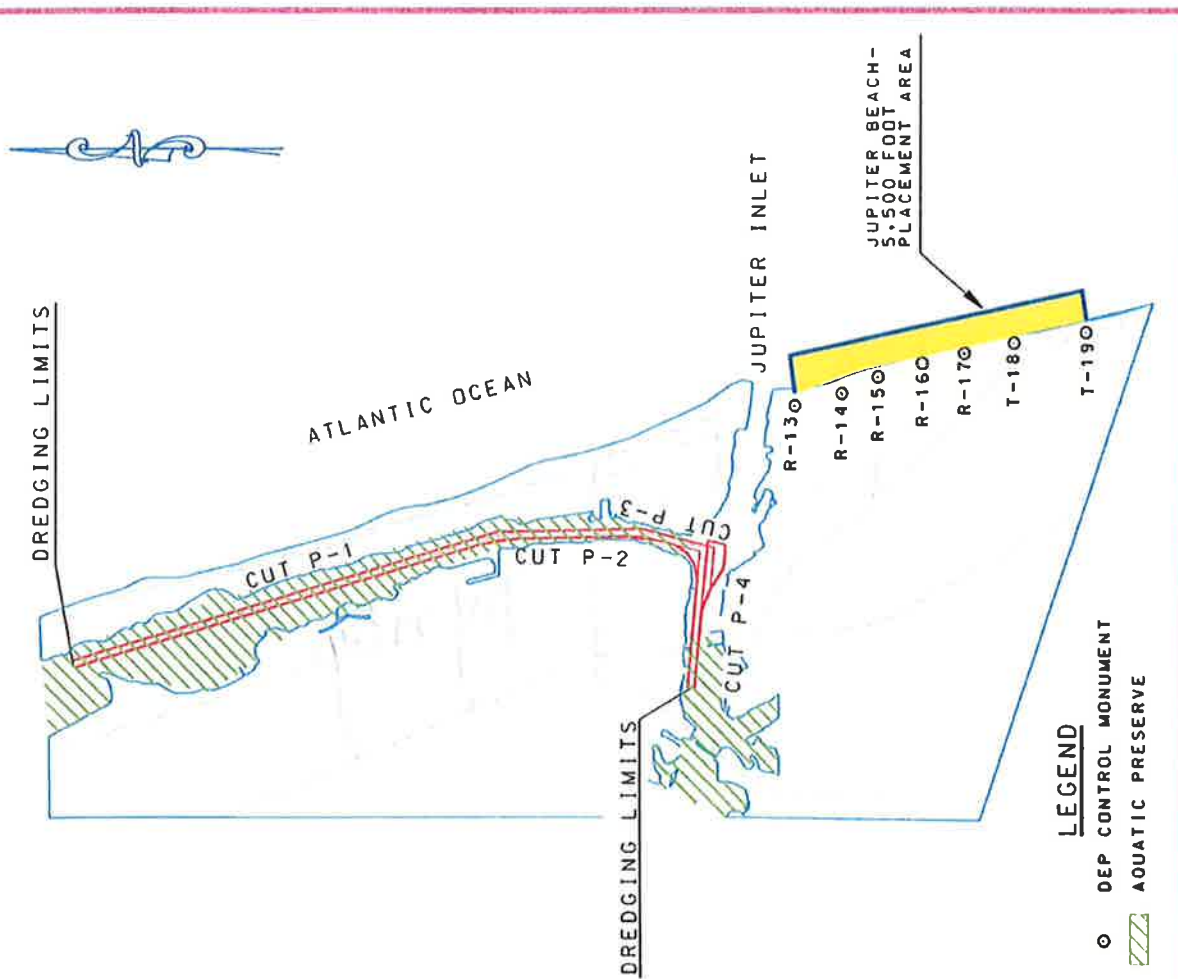
VIII. PROPOSAL AWARD

The District intends to approve the low qualified price quote for this Project on or before August 17, 2013. A Work Order will be executed by August 21, 2013.

ATTACHMENT A



U.S. Army Corps of Engineers Jacksonville District, Jacksonville, Florida	
WATER QUALITY CERTIFICATION APPLICATION FOR MAINTENANCE DREDGING OF THE INTRACOASTAL WATERWAY IN THE VICINITY OF JUPITER INLET WITH BEACH PLACEMENT PROJECT LOCATION & LIMITS OF WORK	
PREPARED BY: LEF	
DATE: APR 07	DRAWING NO. 1



ATTACHMENT B

Recommendations for Sampling *Halophila johnsonii* at a Project Site

The above-suggested approaches for sampling *H. johnsonii* are recommendations of the *H. johnsonii* Recovery Team.

Objective:

To outline recommended survey methods for determining the distribution and abundance of *H. johnsonii* at sites under permit review. The methods should be applicable to a broad range of project scales, from a 20-m long dock, to marinas, bridges, and channels several kilometers long.

Problem:

Three aspects make quantitative sampling for *H. johnsonii* difficult: (1) Poor visibility; it is sometimes difficult to see more than 0.1 or even 0.01 m² at a time. (2) Patchy and clumped distribution, with patches as small as 0.01 m², which may be clumped together within a sub-area of the project area. (3) Stratified distribution, with occurrence perhaps limited to a particular depth gradient within a project area.

Recommended Methods:

The most appropriate approach depends on scale, and the amount of expected error depends on the approach. Unless a complete survey of the entire area is done, the estimated distribution and abundance of this species may be significantly in error. With the exception of very small project areas, efficient field sampling may require sampling in two stages. A preliminary visual reconnaissance of the site should be conducted to locate any occurrences of *H. johnsonii*. "The importance of preliminary sampling is probably the most under emphasized principal related to field studies. There is no substitute for it." (Green 1979). Following the preliminary reconnaissance, a more comprehensive sampling, using one of the techniques outlined below, should be initiated.

In situ monitoring for *H. johnsonii* is absolutely necessary. Aerial photography may be used to map distributions of larger canopy-forming species; however, mapping of *H. johnsonii* cannot be done reliably from aerial photos. Because of significant seasonal and annual variation in distribution and abundance of *H. johnsonii*, surveys must be conducted during spring/summer (April-August) period of maximum abundance, and sampling in more than one summer is recommended. Length of time between survey date and actual start of project should consider the potentially rapid turnover and migration of *H. johnsonii*. Personnel conducting the survey should clearly demonstrate that they can distinguish between *H. johnsonii* and *H. decipiens*. Surveys labeled simply as "*Halophila*" are not sufficient.

Deliverables: 1) amount (acres or square meters) impacted, 2) estimate of percent coverage and the species present/absent, 3) site map with seagrass patch or bed locations, 4) size of the patches, and 5) shoot density estimate.

SMALL PROJECT SITES (<0.1 ha, e.g. 10 m by 100 m, such as single-family docks).

Two methods.

1. Provide a site map of submerged lands adjacent to the action area. The site map should include transects approximately every 7.5 m apart, perpendicular to the shore, and for a length 6 m longer than the proposed activity. A preliminary visual reconnaissance is necessary to fill in the information between the transects. Seagrass patches should be identified by species composition and drawn on the site map. Density can be accomplished with random sub-sampling for density within the identified patches. (An overall site map is important since it identifies seagrass habitat, not just existing seagrass patches.) (Mezich 2000).

2. The site is sub-divided into m^2 grids. A complete and intensive mapping of the entire area of concern can be developed by using DGPS, with coordinates provided every m^2 , or every patch $>0.01-0.1 m^2$, with a tested map accuracy of $>50-95\%$. If percent cover is not used, an illustrated, standardized scale of density should be used. Presence-absence should be determined for every m^2 grid cell.

For monitoring project effects, additional information on shoot density, blade length, and flowering, can be collected from a random sub-sample of grids using 25- by 25-cm quadrats or multiple 10- by 10-cm sub-cells within the m^2 grid.

INTERMEDIATE-AREA PROJECT SITES (0.1 to 1 ha, e.g., a 100-m by 100-m marina). A two-step process is required.

- a. Preliminary visual reconnaissance to locate general *H. johnsonii* areas and distribution.
- b. The site should then be surveyed using transects across the dominant spatial gradient (e.g., depth, inshore-offshore, channel-shoal, etc.) of the site. The number of transects and sample intervals should adequately describe distribution and abundance of *H. johnsonii* patches. Besides noting presence-absence, x-y-z diameters of encountered patches should be noted, together with sub-samples of shoot density, blade length, and presence of flowering.

LARGE-AREA PROJECT SITES (>1 ha). Three choices are possible after preliminary visual reconnaissance.

1. Random sampling of points or quadrats within the area.

Sampling at least 1-30% of the total area.

- 2 stages: (1) visual reconnaissance, then stratify, (2) second intensive sampling, with intensity relative to abundance of *H. johnsonii* within the strata.
- single step of 100 -1,000 points/quadrats (min. # = ?).

2. Intensive survey of transects.

Transects across the entire area, sampling at least 1-30% of the total area.

- point-intersects sampling along transects (with the size of a "point" defined, e.g., 5 x 5 or 10 x 10 cm).
- belt transect, of 0.1-2 m width.
- transects randomly located (min. # transects = 10-50 or min. spacing = 50 m).
- regularly-spaced transects (min. # transects = 10-50 or min. spacing = 50 m).
- quadrants at regular intervals along line (min. # = 10-50 or min. spacing = 50 m).

For any of these transect methods, x-y-z diameters of any patches encountered should be measured. At a minimum, presence-absence should be recorded at each point of each quadrat.

3. Combinations of above methods, e.g.,

- a. Intensive mapping in area of primary impact (e.g., within footprint of proposed dock), plus random points in surrounding, potentially affected area.
- b. Stratify from random point sampling, then map intensively in areas of greatest abundance.

It is the position of the Recovery Team, however, that the adoption of a valid survey protocol for identifying Johnson's seagrass be required by permitting agencies in the range of the species. In all seagrass surveys, emphasis should be placed on the identification of seagrass habitat as well as the distribution of currently existing patches. Identifying impacts to seagrass habitat, particularly from large projects, is more important in the long run than the "point-in-time" management approach of avoiding currently existing patches.

References

- Green, R.H. 1979. Sampling design and statistical analysis methods environmental biologists. John. W. and Sons, Inc., New York.
- Mezich, Ron (N.A.B). 2000. Personal Communication. Florida Freshwater and Wildlife Conservation Commission, Marine Resources, Tallahassee, FL.

Attachment C

National Marine Fisheries Service, Southeast Region Habitat Conservation Division's Best Management Practices For Surveying Seagrass for Coastal Construction Planning in Florida (March 11, 2010 version)

Time of Year

- Seagrass surveys in Florida should be conducted during June 1 through September 30

Acceptable Methodologies

- In-situ observations are the most accurate way to determine distribution and abundance of seagrass at the scale of most coastal construction project sites and permit applications (Kenworthy 2000; Short et al., 2001).
- Aerial surveys can be of value for coastal construction planning especially when more than one acquisition in that area is available. Aerial surveys can be used as preliminary data especially in cases when the surveys clearly show seagrass is present. In cases where larger species occur in shallow water, they can be particularly useful, however in cases where there are smaller species in deeper water they may have limited utility unless conducted with extreme attention to detail.
- Towed video surveys have limited value for coastal construction planning.
- Destructive sampling such as Petit ponar grabs should only be used in extreme circumstances and may necessitate consultation with NMFS and require a dredge and fill permit.
- The Recommendations for Sampling *Halophila johnsonii* at a Project Site, as provided in the Recovery Plan for Johnson's Seagrass (NMFS, 2002) presents an acceptable seagrass survey methodology, with exception that the survey window should be June 1 through September 30. This methodology is particularly useful because of the consideration of project scale (small = < 0.25 acres; intermediate = 0.25 to 2.5 acres ; large = > 2.5 acres)
- If an alternate methodology for surveying seagrass is considered, the methodology should reflect a statistically appropriate amount of sampling for the scale of the project area.
- Review of available seagrass survey data sets at the project location or at nearby sites (with similar depth and sediment type) should be used to compliment a site-specific survey, but it is important to keep in mind the project scale and the scale of the available data.
- The survey area should a 500-foot area around a project area. In addition, the area should consider setting aside appropriate project buffer (e.g., for dredging activities NMFS may recommend a minimum 100 foot buffer between dredging and seagrass habitats) areas that may be required and other direct and indirect impact areas from side slope equilibration, sedimentation, vessel shading, or reduced water quality from turbidity. Also keep in mind that the regulatory agencies may require a review of alternatives which could trigger a need to survey a larger area, adjacent areas, or additional areas.

Important Considerations

- Note that Johnson's seagrass is essential fish habitat in addition to a federally listed species under the Endangered Species Act. Any adverse effect to this species or modification or destruction of its critical habitat must be coordinated with two NMFS offices: Habitat Conservation Division and Protected Resource Division. Consultation with one office will not meet the requirements of the other office.
- For projects that involve permanent disturbance of the estuarine bottom, e.g., dredge and fill activities, more than one survey during different growing seasons is beneficial.

- Hurricanes can have effects on water quality and hydrology. Depending on the scale of the disturbance, post-hurricane surveys (1 to 2 years after hurricane) can reflect interannual shifts in species composition and declines in density (Steward et al., 2006). Survey information provided immediately post-hurricane or in the next growing season could understate the amount of seagrass habitat at the site.
- Most estuaries have fluctuating water clarity based on tidal stage and seasonal rainfall events. The estuarine bottom may be barely visible during an outgoing tide or after rainfall; however water clarity can greatly improve during an incoming tide or drought periods. Surveys should be planned accordingly to maximize the ability to detect seagrass.
- It is important to recognize seagrass habitats as including not only continuous vegetated beds, but also patchy environments with unvegetated areas between the patches as part of the contiguous habitat (SAFMC, 2009)

Reporting Requirements

- Seagrass Survey Minimum Reporting Requirements include:
 - Survey date(s)
 - Location (latitude and longitude)
 - Name of person who conducted the survey and other representatives present
 - Water body
 - Time of survey
 - Weather conditions
 - Visibility
 - Tidal Stage and tendency (i.e., flood or ebb)
 - Tidal range of site
 - Elevation of seagrass (deepest, shallowest) in reference to the tidal datum or relative to elevation of nearby similar habitats
 - Results of preliminary visual reconnaissance
 - Area (acres or square meters) of proposed impact (total area, including any gaps among existing seagrass cover)
 - Estimate of percent cover and species present/absent
 - Site map that delineates area surveyed and seagrass patches or beds
 - Shoot density estimate
 - Other useful information can include: fishery resource observations, sediment type, and information requested in Unified Mitigation Assessment Method Part I and Part II worksheets (geographic relationship to uplands or other water bodies, significant nearby features, anticipated wildlife utilization, uniqueness, etc.)

NMFS Points of Contact

- NMFS Habitat Conservation Division biologists are available to review seagrass survey methodologies prior to conducting the survey. For Florida, contact:
 - George.Getsinger@noaa.gov (St. Johns through Indian River Counties)
 - Jocelyn.Karazsia@noaa.gov (St. Lucie through Monroe Counties)
 - Brandon.Howard@noaa.gov (Atlantic Florida Department of Transportation)
 - Mark.Thompson@noaa.gov (Florida panhandle)
 - Mark.Sramek@noaa.gov (Dixie through Collier Counties)
 - David.Rydene@noaa.gov (Gulf of Mexico Florida Department of Transportation)

- If the project is within the range of Johnson's Seagrass, NMFS Protected Resource Division biologists are available to provide technical assistance as well.
Shelley.Norton@noaa.gov (Johnson's Seagrass Coordinator)
Kay.Davy@noaa.gov
Audra.Livergood@noaa.gov
Kel.Logan@noaa.gov

Literature Cited:

- Fonseca, M.S., Kenworthy, W.J., and Thayer, G.W. 1998. Guidelines for the mitigation and restoration of seagrass in the United States and adjacent waters. NOAA COP/Decision Analysis Series. 222p.
- Kenworthy, J.W. 2000. The role of sexual reproduction in maintaining populations of *Halophila decipiens*: implications for the biodiversity and conservation of tropical seagrass ecosystems. *Pacific Conservation Biology* 5: 260-268.
- National Marine Fisheries Service. 2002. Recovery Plan for Johnson's Seagrass (*Halophila johnsonii*). Prepared by the Johnson's Seagrass Recovery Team for the National Marine Fisheries Service, Silver Spring, Maryland. 134 pages.
- Short, F.T., Coles, R.G., Short, C.A. 2001. *Global Seagrass Research Methods*. Elsevier, Amsterdam.
- South Atlantic Fishery Management Council (SAFMC). 2009. Fishery Ecosystem Plan of the South Atlantic Region.
www.safmc.net/ecosystem/Home/EcosystemHome/tabid/435/Default.aspx
- Steward, J.S., Virnstein, R.W., Lasi, M.A., Morris, L.J., Miller, J.D., Hall, L.M., and Tweedale, W.A. 2006. *Estuaries and Coast* 29(6A): 954-965.

ATTACHMENT D
FLORIDA INLAND NAVIGATION DISTRICT
REQUEST FOR COST SUMMARY PROPOSALS
FOR
SEAGRASS SURVEYING SERVICES
FOR THE
INTRACOASTAL WATERWAY MAINTENANCE DREDGING PROJECT
IN THE VICINITY OF JUPITER INLET
PROPOSAL NO. 2013-02

Cost Summary Proposal

Cost Summary Proposals are to be made on a total cost basis and shall include all costs necessary to complete the pre-dredging seagrass survey as outline in the request. Proposals shall not be qualified, incomplete or include extra costs to be determined later or on a unit basis. One award will be made to the low qualified bidder.

NAME OF FIRM: _____

TOTAL PROPOSAL COST \$ _____

Signature

Title

ATTACHMENT E

(Excerpt from FDEP Permit Modification no. 0262913-003-JN, Permit No. 0262913-001-JC, Palm Beach County, Jupiter IWW Maintenance Dredging and Beach Fill Placement)

Background

On January 7, 2008, the Department issued Permit No. **0262913-001-JC** to the Corps. The project is to maintenance dredge a portion of the Atlantic Intracoastal Waterway (AIWW) in the vicinity of Jupiter Inlet, from Cut P-1 through Cut P-4, to restore full navigation depth of the Federal navigation project. The maximum excavation depth of the channel dredging varies from 12 feet to 16 feet (MLW). These maximum depths include the design depth, advance maintenance and allowable overdepth. Cuts P-1 and P-2 are to be dredged to a maximum depth of -12 feet MLW, and Cuts P-3 and P-4 are to be dredged to a maximum depth of -16 feet MLW. Beach-quality sand that is dredged from the channel will be placed along 5,500 linear feet of beach, immediately south of Jupiter Inlet, between FDEP monuments R-13 and R-19.

On January 18, 2008, the Department issued Permit Modification No. **0262913-002-EM**, which was primarily to allow nighttime dredging, but prohibited the use of a clamshell dredge.

During the initial maintenance event in 2008, approximately 140,000 cubic yards of sand will be dredged and the material will be placed within the Jupiter/Carlin Shore Protection Project fill template (Permit No. 0163093-001-JC). Approximately 25,000 cubic yards of the dredged material will be utilized for dune reconstruction between FDEP monuments R-13 and R-17 during the initial maintenance event of this permit.

Impacts to seagrasses located outside of the maintenance dredging channel footprint are not authorized by this permit. The anchor drop points and identified pipeline corridor (within 5 meters from the centerline) shall be free of seagrass resources. Coordinates of all dredge anchor drop points shall be recorded using DGPS technology, accurate to one (1) meter. Refer to Specific Condition 11 for the seagrass monitoring and reporting requirements. Unauthorized impacts to seagrasses shall require remediation and may be subject to further compensatory mitigation requirements. Divers shall visit all anchor locations that were positioned within the perimeter of a seagrass bed within 14 days following completion of construction of each maintenance dredging event to investigate potential damage to seagrasses. Anchor damage to seagrass shall be reported to the Department within 48 hours of discovery of impact. If the post-construction seagrass monitoring reveals that unintentional impacts to seagrasses have occurred as a result of project-related activities (e.g., anchoring impacts, pipeline impacts, sedimentation

and/or burial impacts, side slope sloughing, propeller wash, etc.), FIND or the USACE shall submit a remediation/compensatory mitigation plan within 15 days of discovery of impact for Department approval. The plan shall be implemented within 30 days of Department approval.

MONITORING REQUIRED:

Seagrass. A seagrass survey was conducted in August 2006 for Cuts P-1 through P-4 to evaluate the potential for seagrass impacts from this project. An updated, pre-construction seagrass survey was conducted during the summer of 2007 to establish the baseline for the initial maintenance dredging event under this permit. Prior to each subsequent dredging event authorized by this permit, a new pre-construction seagrass survey shall be conducted between June 1 and August 31 in the areas where dredging is to occur for each particular maintenance event.

The survey protocol shall follow the methods established for the 2006 pre-construction survey. The surveys shall involve a visual inspection of the proposed pipeline route(s), the turbidity mixing zone, the anchor zone adjacent to the dredge areas (100 feet to either side of the channel), and all vessel operation areas. The perimeter of all seagrass beds within the anchor zone shall be delineated on a map at a resolution sufficient to avoid anchor impacts within the beds. Patches of *Halophila johnsonii* within the anchor zone, pipeline routes, and vessel operation areas shall be delineated with DGPS and areas of coverage shall be quantified.

One hundred and thirty seven (137) transect locations were established in August 2006 for Cuts P-1 through P-4. Transects run perpendicular to the axis of the channel dredge area for a total length of 150 meters. DGPS positioning of the end points of the transects and the heading of each transect was recorded. Line-intercept and point quadrat samples shall be used to qualitatively describe bottom type and quantitatively assess percent cover of seagrass and species composition within the vegetated areas. A qualified biologist* shall swim the transect lines noting the linear extent of bottom type within a 1-meter wide area centered on the transect line. Qualitative categories of bottom type within the 1-meter wide area under the transect line will include: seagrass (with indication of single or mixed species composition) at less than < 25% total cover, seagrass 25-50% total cover, seagrass 50-75% total cover and seagrass at > 75% total cover. Special note shall be made of the occurrence of species of special concern (e.g., *H. johnsonii*) and presence of flowering populations of seagrasses along the transect line.

Within the anchor area, point quadrat samples shall be located every 5 meters using a one-square meter quadrat sub-divided into 100, 10-cm² squares. The first sampling point along the transect shall coincide with the first occurrence of seagrass nearest the channel, and the DGPS positioning for each of these points shall be recorded to map

the edge of the seagrass bed nearest the channel. Within the mixing zone, but outside of the anchor area, the spacing of quadrats along the transect may be increased to every 10 meters.

Within quadrats, total percent cover of submerged aquatic vegetation (SAV) will be determined by counting the number of cells with seagrass or macroalgae present regardless of quantity (frequency of occurrence). Percent cover will also be determined for each species of SAV individually. Visual percent cover shall also be estimated for all seagrass species occurring in the quadrat, and a score based on the cover of the species in that quadrat shall be assigned according to the Braun-Blanquet abundance scale. Presence of flowering populations of seagrasses within the quadrats shall also be noted.

At least 10 days prior to the commencement of the initial maintenance dredging event in 2008 and at least 30 days prior to each subsequent maintenance dredging event authorized under this permit, the updated pre-construction seagrass survey, including a written report with updated seagrass maps (one electronic and one paper copy), shall be submitted to the Department. The report shall contain updated tables of potential seagrass impacts that identify the acreage of seagrass by species and density within the anchor zone, the pipeline corridor, the areas adjacent to the channel that may be subject to sloughing, and the turbidity mixing zone around the shoal areas to be dredged.

Within 30 days following the completion of construction of each maintenance dredging event, or after June 1 (whichever is later), a post-construction seagrass survey shall be conducted following the same transect locations and methods that were established during the pre-construction survey in August 2006. If construction is completed prior to June 1, the post-construction survey shall be completed between June 1 and June 30. Areas identified as barren sand during the pre-construction survey do not need to be re-surveyed. Scientific divers shall visit all anchor locations that were positioned within the perimeter of a seagrass bed during this survey for the evaluation of potential anchor damage to seagrasses.

Within 60 days following the completion of the post-construction seagrass survey, a report (one electronic and one paper copy) shall be submitted to the Department documenting all signs of impact to the seagrass beds since the pre-construction survey (e.g., reduced perimeter, reduced density, sediment coverage and scouring), an approximate quantification of the extent of the impacts, and an evaluation of the likelihood that the listed impacts are attributable to the dredge operations.

*A qualified biologist is an individual with an academic background in marine biology/ecology (B.S. degree or higher), good working knowledge of seagrass habitat in Florida, and who is trained in seagrass species identification and density assessments.





**REQUEST FOR COST SUMMARY PROPOSALS
FOR
SUBMERGED NATURAL RESOURCE SURVEYING SERVICES
FOR THE
CROSSROADS MAINTENANCE DREDGING PROJECT
MARTIN COUNTY
PROPOSAL NO. 2013-02**

FLORIDA INLAND NAVIGATION DISTRICT
PRE PROJECT SUBMERGED NATURAL RESOURCE SURVEYING SERVICES
FOR THE
CROSSROADS MAINTENANCE DREDGING PROJECT
PROPOSAL NO. 2013-02

I. BACKGROUND

The Florida Inland Navigation District (District) is schedule to commence maintenance dredging of the Crossroads area of the Intracoastal and Okeechobee Waterway in Martin County (Project) on June 15, 2013. The Project's Army Corps permit requires a pre project submerged natural resource survey of the Project Area.

II. PROJECT AREA

This Project will include the area shown in the Attachment A. This area is approximately 198 acres. If seagrass beds are found during the field survey, their entirety will be surveyed.

III. SCOPE OF WORK

The following constitutes the required Scope of Work that the Contractor must include in their Proposals. The survey will follow the approved Submerged Natural Resources Survey Sampling Protocol which is Attachment B. The Project schedule is as follows.

- III.1** Perform the resource survey prior to June 19, 2013.
- III.2** Provide shape files of mapped resources by June 26, 2013.
- III.3** Prepare report and mapping of surveys results within 30 days of the field work.

IV. DELIVERABLES

Deliverables will be a written survey report with accompanying maps of the surveyed areas in hard copy and digital formats. Digital maps will be provided in ARCINFO GIS as well as CADD.

VI. COST SUMMARY PROPOSAL

Cost Summary Proposals shall be submitted on Attachment C by June 4, 2013.

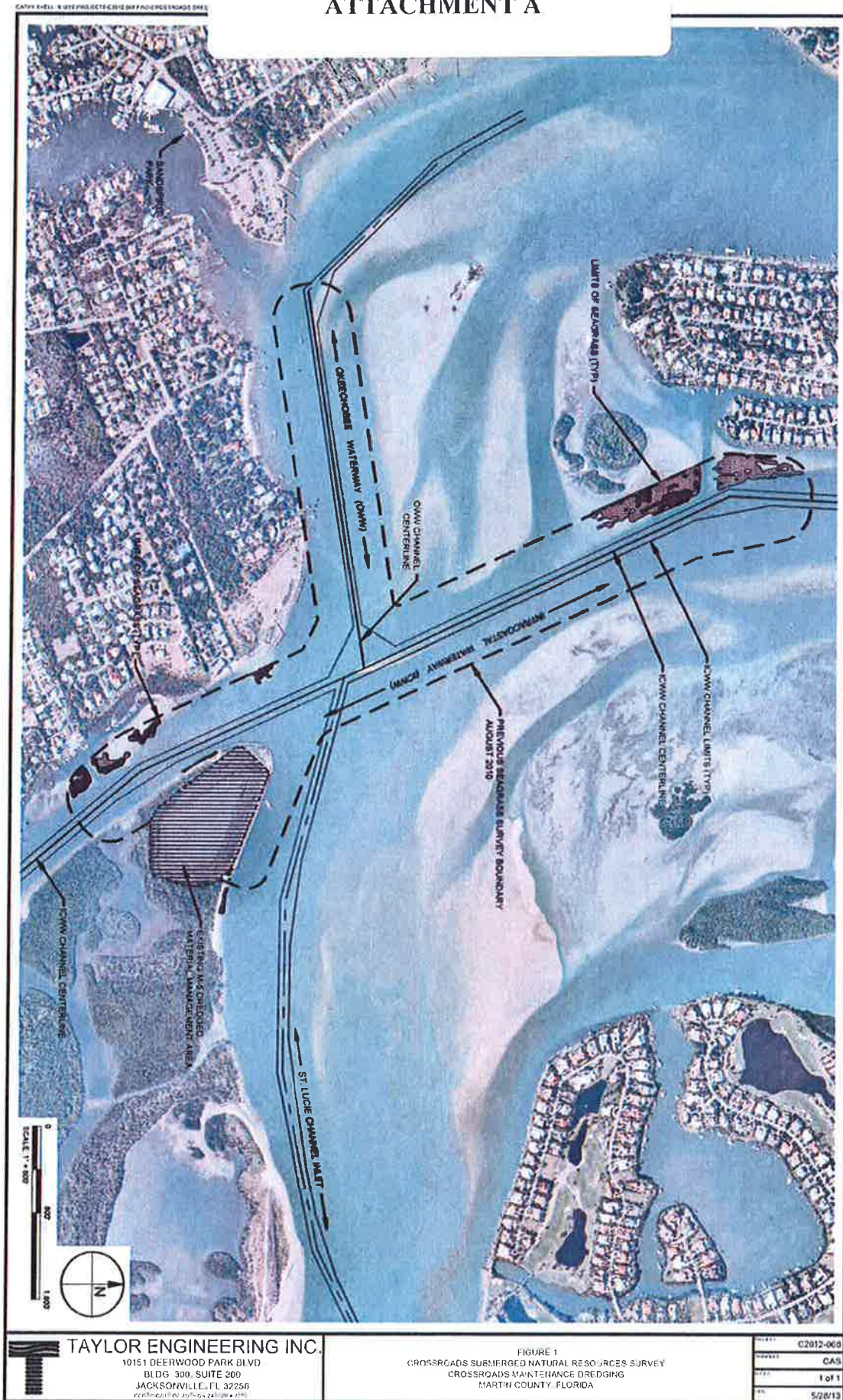
VII. PROPOSAL EVALUATION

Cost Summary Proposals will be evaluated by District staff and potentially the District Board depending on the level of costs involved.

VIII. PROPOSAL AWARD

The District intends to approve the low qualified price quote for this Project on or before June 7, 2013. A Work Order will be executed on or before June 7, 2013.

ATTACHMENT A



TAYLOR ENGINEERING INC.
 10151 DEERWOOD PARK BLVD
 BLDG. 300, SUITE 200
 JACKSONVILLE, FL 32256
 (904) 721-1100 FAX (904) 721-1101

FIGURE 1
 CROSSROADS SUBMERGED NATURAL RESOURCES SURVEY
 CROSSROADS MAINTENANCE DREDGING
 MARTIN COUNTY, FLORIDA

PROJECT	CAS
DATE	1 of 1
BY	5/26/13

Attachment B

**FLORIDA INLAND NAVIGATION DISTRICT
M-5 DMMA OFFLOADING AND CROSSROADS CHANNEL MAINTENANCE DREDGING
MARTIN COUNTY, FLORIDA**

**SUBMERGED NATURAL RESOURCES SURVEY
SAMPLING PLAN PROTOCOL**

SAMPLING PLAN PROTOCOL

The submerged resource survey area will comprise the Crossroads Maintenance Dredging area, a 100-m buffer zone surrounding the Crossroads dredging area, the intermodal facility, a 100-ft buffer zone surrounding the intermodal facility, and the 50-ft wide pipeline corridors (Figures 2 – 5).

The survey will occur between June 1 and August 31. The survey methodology will follow the large-area project site procedures as outlined in *Recommendations for sampling Halophila johnsonii at a project site* (National Marine Fisheries Service, 2002). The environmental consultant will perform a two stage sampling approach: (1) a preliminary visual reconnaissance to generally locate submerged natural resources and (2) detailed sampling where the preliminary visual reconnaissance locates resource habitat.

Collection of Existing Information. Prior to conducting the field investigation, the consultant will compile and review existing information such as seagrass maps and bathymetric data to aid in the survey effort.

Preliminary Visual Reconnaissance. As described in the Johnson's seagrass survey protocol cited in the previous paragraph, the objective of the preliminary visual reconnaissance is to understand the general distribution and location of submerged natural resource habitats (seagrasses and other communities) in order to develop an effective plan for the detailed sampling phase. The reconnaissance informs the field biologist where the seagrasses are generally located (e.g. depths, substrates), the distribution of the natural resources (e.g. large meadows, patches, dense or thin cover of seagrasses as well as existence and locations of other resources) and some understanding of the species and communities in the project area. The field biologists cover a sufficient fraction of the total project area to understand the specific site conditions and inform the placement of detailed survey transects. The detailed survey transects may then avoid areas without appropriate substrate or well outside the observed maximum seagrass depth or in other conditions that will not support seagrass. The consultant may exclude an area from detailed mapping only if sufficient evidence demonstrates that there is no potential for seagrass growth.

The preliminary reconnaissance will consist of diver-towed shore-parallel transects within the survey area. Transect spacing will likely vary based on environmental conditions (e.g., visibility, bathymetry, sediment conditions, etc.) and the likelihood of resource occurrence. The consultant will apply reasonable scientific judgment in determining the level of detail required during the preliminary reconnaissance phase. Towing will occur at a speed slow enough for the diver to recognize site and seagrass characteristics described above.

Detailed Sampling. The objective of the detailed survey is to map and characterize seagrass habitat located during the preliminary survey efforts. The detailed portion of the survey will include both qualitative and quantitative sampling methods. Based on the results of the preliminary reconnaissance, the consultant will establish a series of shore-perpendicular transects spaced at approximate 15-m intervals within areas identified as seagrass habitat. Seagrass habitat includes both continuous seagrass beds and areas with sparse or patchy seagrass distribution. If a particular survey area requires a greater level of detail to accurately assess the habitat, the consultant will adjust the transect spacing as appropriate in the field. Along each transect, the consultant will deploy a 1-m² quadrat subdivided into 100 sub-units at the 0 point and at 5 m intervals to quantitatively assess seagrass distribution and occurrence. At each quadrat location, field staff will collect data for each seagrass species and algae (to the lowest taxonomic group identified) present including the number of sub-units containing at least one seagrass shoot, the average

cover abundance score (Braun-Blanquet, 1965) and additional information (e.g., water depth, substrate conditions, presence of seagrass flowering, epiphytic cover, etc.) as appropriate. The consultant will also conduct density (short shoot) counts within three representative quadrats for each species in each Braun-Blanquet category identified.

In addition to quadrat sampling, the consultant will record locations of changes in marine habitat along each transect and qualitatively assess habitat characteristics. For a 1-m width along the length of each transect, the consultant will record significant substrate and habitat changes (sand, seagrass, oysters, hardbottom, etc.), and seagrass species composition, and density. Based on visual percent cover approximations, seagrass density categories will comprise low (1-25%), medium (26-50%), medium-high (51-75%), and high (76-100%). The consultant will use both the quadrat data with the qualitative data to generate resource maps.

Following data collection, the consultant will apply the Braun-Blanquet (1965) methodology to calculate the frequency of occurrence, abundance, and density for each seagrass species and algae (to the lowest taxonomic group identified) present along each transect. The consultant will prepare a written report documenting the submerged resource survey. The report will include all results of survey data collection efforts described above and other observations, such as, but not necessarily limited to, observations of fishes seen during the reconnaissance efforts and detailed surveys.

ATTACHMENT C
FLORIDA INLAND NAVIGATION DISTRICT
REQUEST FOR COST SUMMARY PROPOSALS
FOR
BENTHIC RESOURCE SURVEYING SERVICES
FOR THE
CROSSROADS MAINTENANCE DREDGING PROJECT
MARTIN COUNTY

PROPOSAL NO. 2013-02

Cost Summary Proposal

Cost Summary Proposals are to be made on a total cost basis and shall include all costs necessary to complete the pre-dredging benthic resource survey as outlined in the request. Proposals shall not be qualified, incomplete or include extra costs to be determined later or on a unit basis. One award will be made to the low qualified bidder.

NAME OF FIRM: _____

TOTAL PROPOSAL COST \$ _____

Signature

Title



June 25, 2013

Mr. David K. Roach
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477

**Subject: Proposal for Excavation and Disposal of Arsenic Contaminated Soils
Dania Cutoff Canal Deepening Project
Port Everglades-Broward County, Florida
TSF proposal No. 1306-264**

Dear David:

Tierra South Florida, Inc. (TSF) along with our sub-consultant Solutech, Inc. is pleased to provide this proposal for arsenic contaminated soil removal and disposal. Contaminated material is estimated at 65 tons. The material will be excavated, loaded, hauled and disposed at an FDEP permitted facility. Confirmatory soil sampling and analysis will be performed at the bottom of the excavation prior to backfilling. The material will be replaced with clean fill with certified test results at the pit and in the truck. A letter report will be generated at the end of the work, outlining the actual work performed and the results of confirmatory soil sampling and analysis. Please review the below budget, and let us know when you would like us to proceed.

The following scope of work and estimated costs are anticipated:

	<u>Costs:</u>
Excavate, Haul & Dispose Services (Lump Sum)	\$ 12,000.00
Laboratory Services (Lump Sum)	\$ 1,000.00
Report Preparation (Lump Sum)	<u>\$ 2,000.00</u>
 Total Sampling and Analytical Cost	 \$ 15,000.00

The project scope and fees presented in this proposal are based on existing information. Any unexpected conditions or concerns becoming apparent during the project, or additional work required by others may require a revision in the project scope and fees. We will notify you of any necessary change in the project scope and fees, and obtain your authorization prior to proceeding with any additional work item. With your signature below, this proposal shall become our agreement for the services described.

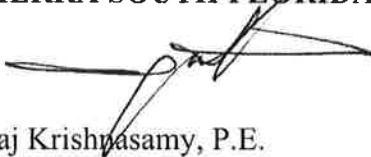
Excavation and Disposal of Arsenic Contaminated Samples
 Dania Cutoff Canal Deepening Project
 Port Everglades-Broward County, Florida

-2-

We appreciate the opportunity to offer our services for your project. Should you have any questions or need additional information, do not hesitate to contact me at (561) 687-8536.

Respectfully submitted,

TIERRA SOUTH FLORIDA, INC.



Raj Krishnasamy, P.E.
 President/Principal Engineer

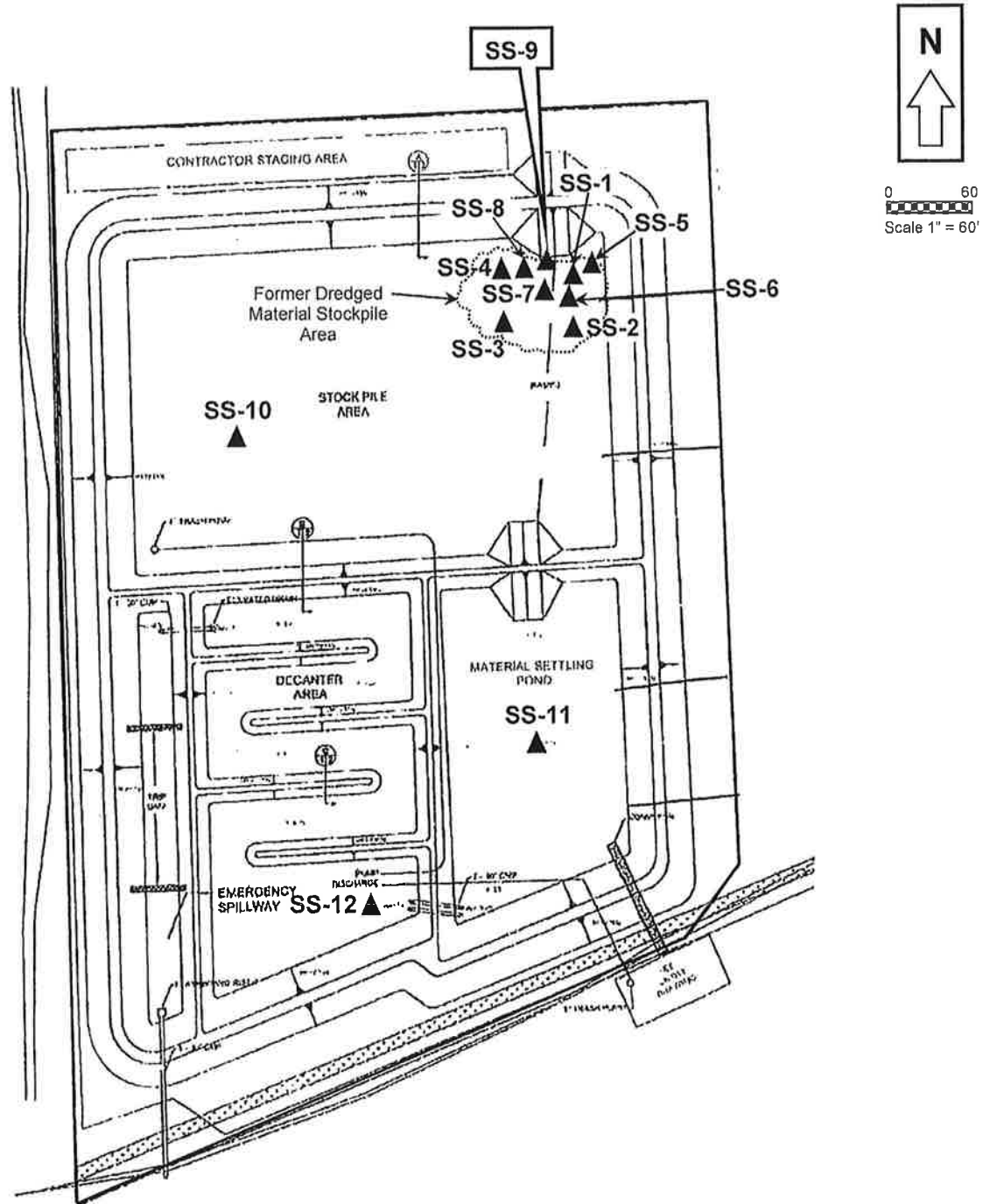
Attachments: -TSF General Conditions

AUTHORIZED BY:	INVOICE TO:
Firm:	Firm:
Name:	Name:
Title:	Address:
Date:	Phone #:
	Fax #:

Tierra South Florida's General Conditions

1. **SCOPE OF WORK:** Work means the specific geotechnical, analytical, testing or other service to be performed by Tierra South Florida, Inc. (TSF) as set forth in TSF's proposal, Client's acceptance of the scope of work and these General Conditions. Additional work ordered by Client shall also be subject to these General Conditions. "Client" refers to the person or business entity ordering the work to be done by TSF. Client shall communicate these General Conditions to each and every third party to whom Client transmits any part of TSF's work. TSF shall have no duty or obligation to any third party greater than that set forth in TSF's proposal, Client's acceptance of TSF's proposal and these General Conditions. The ordering of work from TSF, or the reliance on any of TSF's work, shall represent acceptance of the terms of TSF's proposal and these General Conditions, regardless of the terms of any subsequently issued document.
2. **RIGHT-OF-ENTRY** -The client will provide right-of-entry for TSF and all necessary equipment in order to complete the work. While TSF will take all reasonable precautions to minimize any damage to the property, it is understood by Client that in the normal course of work some damage may occur; the correction of which is not part of this agreement.
3. **DAMAGE TO EXISTING MAN-MADE OBJECTS** -The Client, will provide the location of all underground utilities or obstructions to TSF who, in the prosecution of their work, will take all reasonable precautions to avoid damage or injury to any such subterranean structure or utility. The Owner agrees to hold TSF harmless for any damages to subterranean structures which are not called to TSF's attention and correctly shown on the plans furnished and will reimburse TSF for any expenses in connection with any claims or suits including reasonable attorney fees at the trial and appellate levels.
4. **IN-PLACE MATERIALS TESTING** -TSF will not be responsible for repair or damage to portions of structures designated for in-place materials testing. Repairs can be made for aesthetic reasons if requested in advance of the work to be performed. The cost for labor and materials would be charged.
5. **SAMPLE RETENTION** -TSF will retain all soil and rock samples obtained for geotechnical explorations for 30 days. Samples subjected to Construction Materials and Laboratory testing are disposed of subsequent to testing. Further storage or transfer of samples can be made at Client's expense upon written authorization.
6. **DEFINITION OF RESPONSIBILITY (OBSERVATION SERVICES)** - The presence of our field representative will be for the purpose of providing observation and field testing. Our work does not include supervision or direction of the actual work of the contractor, his employees or agents. The contractor for this project should be so advised.
 - 6.1. The Contractor should also be informed that neither the presence of our field representative or the observation and testing by our firm shall excuse him in any way for defects discovered in his work. It is understood that TSF will not be responsible for the Contractor's job or site safety on his project. That will be the sole responsibility of the contractor.
7. **STANDARD OF CARE** -Service performed by TSF under this Agreement will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.
 - 7.1. Client recognizes that subsurface conditions may vary from those encountered at the location where borings, surveys or explorations are made by TSF and that the data, interpretations and recommendations of TSF are based solely on the information available to it. TSF shall not be responsible for the interpretation by others of information developed.
8. **ORAL AGREEMENTS** -No oral agreement, guarantee, promise, representation or warranty shall be binding.
9. **OWNERSHIP OF DOCUMENTS** -All reports, boring logs, field data and notes, laboratory test data, calculations, estimates and other documents prepared by TSF, as instruments of service, shall remain the property of TSF until final payment is received and a letter of copyright transfer been executed.
10. **BASIS OF PAYMENT** -Payment is due within 30 days of date of invoice. Payments not made when due shall bear interest at eighteen (18) percent annum or at the maximum rate allowed by law from the date of the invoice until same is paid.
 - 10.1. If the Client fails to make any payment due to TSF for service and/or expenses within 60 days of date of invoice, TSF may, after giving seven days' written notice to Client, suspend services until all outstanding amounts have been paid to TSF in full. Further, TSF may, in addition to withholding services, or singularly, withhold reports, plans and other documents not paid in full by the Client. In the event that final payment for completed work is not made, TSF shall request that all copyrighted documents which were submitted to client be returned and all information used in project plans be removed from project documents.
 - 10.2. In the event it is necessary to take legal action to effect collection, whether or not litigation is commenced, the Client agrees to reimburse TSF for expenses in connection with any claims or suits, including reasonable attorney's fees, including but not limited to the trial and appellate levels.
 - 10.3. This contract shall be governed by the laws of the State of Florida.
11. **CONSTRUCTION REVIEW** - TSF cannot accept responsibility for any design work unless the work includes services for construction review to determine whether or not the work performed is in substantial compliance with TSF's conclusions and recommendations.
12. **INDEMNIFICATION** -TSF agrees to hold harmless and indemnify Client from and against liability arising out of TSF's negligent performance of the work. Client agrees to indemnify and hold TSF harmless from all liability including all costs, attorney's fees and expenses of defense for any claims by any other person or corporation which may arise out of the performance or breach of this contract for which TSF was not solely negligent.
13. **LIMITATION OF LIABILITY** -The Client/Owner agrees to limit TSF's liability for negligent professional acts, errors or omissions, such that the total aggregate liability of TSF shall not exceed \$50,000 or the total fee for the services rendered on this project; whichever is greater. The Owner further agrees to require the contractor and his subcontractors a similar limitation of liability suffered by the contractor or the subcontractors arising from TSF's negligent professional acts, errors or omissions.
 - 13.1. If Client prefers to have higher limits on professional liability, TSF agrees to increase the limits up to a maximum of \$1,000,000 upon Client's written request at the time of accepting our proposal provided that Client agrees to pay an additional consideration of 5 percent of our total fee. The additional charge for the higher liability limits is because of the greater risk assumed and is not strictly a charge for additional professional liability insurance.
14. **INSURANCE** -TSF represents and warrants that it and its agents, staff and consultants employed by it are protected by Worker's Compensation insurance and Employer's Liability Insurance in conformance with applicable state laws. TSF has such coverage under public liability and property damage insurance policies that TSF deems to be adequate. A Certificate of Insurance can be supplied evidencing such coverage upon request.
 - 14.1. Within the limits and conditions of such insurance, TSF agrees to indemnify and save client harmless from and against any loss, damage or liability arising from any negligent acts by TSF, its agents, staff and consultants employed by it. TSF shall not be responsible for any loss, damage or liability beyond the amounts, limits and considerations of such insurance. TSF shall not be responsible for any loss, damage or liability arising from any acts by clients, its agents, staff and other consultants employed by it.
 - 14.2. Cost of the above coverage is included in our quoted fees. If additional coverage or increased limits of liability are required, TSF will endeavor to obtain the requested insurance and charge separately for costs associated with additional coverage or increased limits.
15. **TERMINATION** -This agreement may be terminated by either party upon seven days written notice in the event of substantial failure by the other party to perform in accordance with the terms thereof. Such termination shall not be effective if the substantial failure has been remedied before expiration of the period specified in the written notice. In the event of termination, TSF shall be paid for services performed to the termination notice date plus reasonable termination expenses.
 - 15.1. In the event of termination or suspension for more than three months, prior to completion of all reports contemplated by this Agreement, TSF may complete a report on the services performed to the date of notice of termination or suspension. The expenses of termination or suspension shall include all direct costs for TSF in completing such analyses, records and reports.
16. **CLIENT'S OBLIGATION TO NOTIFY TSF** - Client represents and warrants that it has advised TSF of any known or suspected hazardous materials or conditions, utility lines and pollutants at any site at which TSF is to do work hereunder, and unless TSF has assumed in writing the responsibility of locating subsurface objects, structures, lines or conduits, Client agrees to defend, indemnify and save TSF harmless from all claims, suits, losses, costs and expenses, including reasonable attorney's fees as a result of personal injury, death or property damage occurring with respect to TSF's performance of its work and resulting to or caused by contact with subsurface or latent objects, structures, lines or conduits where the actual or potential presence and location thereof were not revealed to TSF by Client.
17. **HAZARDOUS MATERIALS** -This agreement shall not be interpreted as requiring TSF to assume the status of an owner, operator, generator, storer, transporter, treater or disposal facility as those terms appear within RCRA or within any Federal or State statute or regulation governing the generation, transportation, treatment, storage and disposal of pollutants.

Initial _____



SOLUTECH, INC. 5841 Corporate Way, Suite102 West Palm Beach, FL 33407 Tel: (561)688-2904 Fax: (561)688-2908	Soil Sampling and Analysis Former Stockpile Area Dania Cutoff Canal Deepening Project Broward County, FL		
Soil Sampling Locations Approximate Scale as Shown	Drawn By Priya	Date: July 30, 2013	Figure No.: 1
		Job No.: 48100.00	

Supplemental Soil Sampling and Analysis
Dania Cutoff Canal Deepening Project
Broward County, Florida

July 30, 2013

Table 1.0 Summary of Historic Soil Analytical Data (Arsenic) (mg/kg)

Sample Location	Sample Date	Arsenic Concentration (mg/kg)
SS-1	5-1-2013	19.2
SS-2	5-1-2013	1.8
SS-3	5-1-2013	0.95
SS-4	5-1-2013	9.6
SS-5	5-23-2013	39.6
SS-6	5-23-2013	3.3
SS-7	5-23-2013	1.9
SS-8	5-23-2013	2.9
SS-9	7-12-2013	3.4
SS-10	7-12-2013	3.0
SS-11	7-12-2013	1.2
SS-12	7-12-2013	3.6
FDEP SCTL		2.1

SCTL = Soil Cleanup Target Level based on residential exposure criteria.

Table 2.0 Summary of Soil Analytical Data (7/12/2013) (mg/kg)

Parameter Group/Analyte	SS-10	SS-11	SS-12	FDEP SCTL
Barium	8.7	5.9	7.7	1600
Cadmium	0.074	0.032 U	0.083	7.5
Chromium	5.6	4.1	6.3	38
Lead	8.7	6.2	9.8	400
Mercury	0.035	0.028	0.057	2.1
Aldrin	0.000065 U	0.00078 I	0.000074 U	0.06
alpha-BHC	0.00011 I	0.000085 U	0.000089	0.0003
delta-BHC	0.000099-I	0.00011 U	0.00011 U	0.2
4,4'-DDD	0.00029 I	0.00016 U	0.00017 U	4.2
4,4'-DDE	0.00085 I	0.00020 I	0.00038 I	2.9
4,4'-DDT	0.00030 I	0.00012 U	0.00012 U	2.9

FY 2011 - 2012 ASSISTANCE PROGRAM EXTENSION REQUESTS

SPONSOR	PROJECT TITLE & NUMBER	REASON FOR EXTENSION	SEE PAGES	
City of Jacksonville	Ortega Mooring Field, Phase I, DU-JA-11-118	Were waiting for FWC mooring field pilot program results	6	185
City of Jacksonville	Trout River Pier, Phase II, DU-JA-11-119	Project delayed by DOT bridge work	7	186
Brevard County	Griffis Landing at Blue Crab Cove, Phase I, BV-11-105	Delays related to phased nature of permitting and construction	8	187
Brevard County	Kelly Park East Dock & Seawall Replacement, BV-11-106	Design change resulted in extension of completion date	9	188
City of Cocoa Beach	Public Spoil Site Development, Phase I, BV-CB-11-107	Awaiting funding decision for Phase II	10	189
Palm Beach County	Bert Winters Park Phase I, PB-11-152	Design change resulted in extension of completion date	11	190
Palm Beach County	John's Island Oyster Reef Project, PB-11-154	Project timeline shifted to avoid navigational conflicts	12	191
City of Pahokee	Marina Wave Attenuator, Phase I, PB-PA-11-157	Change in management company for marina	13	192
City of Miami	Baywalk at Bicentennial Park, DA-MI-11-125	Additional time for construction 25% complete	14	193
City of Miami	Kennedy Floating Dock, Phase II, DA-MI-11-127	Weather delays, 90% complete	15	194
City of Miami	Marine Stadium Marina at Virginia Key Phase I, DA-MI-11-129	Working to resolve land use restrictions on the property	16	195
City of Miami	Seybold Canal & Wagner Creek Dredging & Environmental Cleanup, DA-MI-11-130	Seeking additional funding	17	196
City of Miami	Biscayne Bay Spoil Island C, SI-MI-11-02	Additional time for construction and final paperwork	18	197
City of Miami	Biscayne Bay Spoil Island E, SI-MI-11-03	Additional time for construction and final paperwork	19	198
City of Miami Beach	Biscayne Bay 10th Street Park and Seawall, DA-MB-11-131	Administrative delays. Project underway.	20-21	199-200
Miami-Dade County	Dinner Key Spoil Islands B & C Shoreline Stabilization, DA-11-132	Administrative delays. Project underway.	22	201

FY 2011 - 2012 ASSISTANCE PROGRAM EXTENSION REQUESTS

Miami-Dade County	Miami Marine Stadium Park Shoreline Stabilization, DA-11-133	Administrative delays. Project underway.	23
Miami-Dade County	Vizcaya Public Shoreline Stabilization, Phase I, DA-11-134	Change in project manager delayed bid requests	24-25

202

203 -
203A



June 1, 2013

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

SUBJECT: Project Agreement Extension
Ortega Mooring Field, Phase I (DU-JA-11-118)

Dear Ms. Zimmerman,

As the Project Liaison, I am requesting an extension for the aforementioned project. This extension request is due to the City of Jacksonville waiting for the results of the Florida Fish and Wildlife Commission statewide mooring field pilot program to be completed by July 1, 2014.

The City has completed design and permitting of the channel markers and has applied for a construction grant for the 2013- 2014 cycle.

The current grant award agreement expires September 1, 2013. The City of Jacksonville is requesting a one-year extension, expiring September 1, 2014. Thank you for your assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Jody McDaniel", is written over a large, stylized loop.

Jody McDaniel, CPRP
City Planner II



June 1, 2013

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

SUBJECT: Project Agreement Extension
Trout River Pier, Phase II (DU-JA-11-119)

Dear Ms. Zimmerman,

As the Project Liaison, I am requesting an extension for the aforementioned project. This extension request is due to delay of the start of this project because of the FDOT bridge work at this site. FDOT had been using a part of this park as a staging area for their work on the Main St. Bridge, which is immediately east of the site. Our project was unable to start in a timely manner because of FDOT's delay in completing the bridge repair work.

The current grant award agreement expires September 1, 2013. The City of Jacksonville is requesting a one-year extension, expiring September 1, 2014. Thank you for your assistance.

Sincerely,

A handwritten signature in dark ink, appearing to read "Jody McDaniel", is written over a large, light-colored circular stamp or watermark.

Jody McDaniel, CPRP
City Planner II

BREVARD *County*
BOARD OF COUNTY COMMISSIONERS**FLORIDA'S SPACE COAST**

Natural Resources Management Office
2725 Judge Fran Jamieson Way, Bldg. A-219, Viera, FL 32940

Telephone: (321) 633-2016
Fax: (321) 633-2029

June 14, 2013

Ms. Janet Zimmerman
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477

REC'D *mu*

JUN 17 2013

Florida Inland
Navigation District

RE: FIND Project No: BV-11-105
Brevard County, Griffis Landing at Blue Crab Cove - Phase I
Request for Project Extension

Dear Ms. Zimmerman:

We would like to request a one year extension for FIND Project No: BV-11-105, Griffis Landing at Blue Crab Cove - Phase I. The referenced project is over 80% complete but has experienced delays related to the phased nature of the site's permitting and construction work. We are confident that a project extension of one year will provide us the time required to complete the project.

Contact me at (321) 633-2016 or by email at matt.culver@brevardcounty.us with any questions or if further information is required.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt C. Culver", with a long horizontal stroke extending to the right.

Matt C. Culver

Boating & Waterways Program Coordinator

BREVARD County

BOARD OF COUNTY COMMISSIONERS

FLORIDA'S SPACE COAST

PARKS AND RECREATION DEPARTMENT
2725 Judge Fran Jamieson Way, B203, Viera, Florida 32940

Telephone: (321) 633-2046
Fax: (321) 633-2198



July 16, 2013

Ms. Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477-9498

SUBJECT: Kelly Park East FIND Grant #BV-11-106 – Dock & Seawall Replacement

Dear Ms. Zimmerman:

The FIND Agreement requires the project to be complete and all payment reimbursement information to be submitted by September 1, 2013. The original substantial completion date for the project is July 21, 2013; however, the height of the completed floating dock now requires the sidewalk connection to the gangway to be reconfigured/elevated to provide an accessible slope to the dock. Also, additional coquina revetment and vinyl sheet piling is needed. The substantial completion date has been extended to August 23, 2013 with 15 days for final completion which takes us past the September 1, 2013 completion date.

For these reasons, we are respectfully requesting a 60 day extension for the project. Thank you for your consideration.

Very truly yours,

Marsha Cantrell
Parks Support Services Manager

MC



City of Cocoa Beach

PUBLIC WORKS

Excellent Recreation and Quality Living

PH: (321) 868-3219

FX: (321) 868-3385

1600 Minutemen Causeway • Cocoa Beach, FL 32931

REC'D

JUL 25 2013

Florida Inland
Navigation District

July 22, 2013
Ms. Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter FL 33477

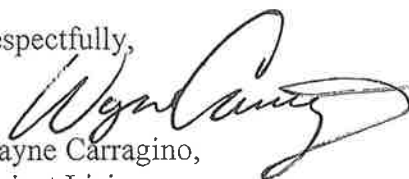
**RE: City of Cocoa Beach WAP Application; Public Spoil Site Development, Phase I
Project BV-CB-11-107**

Dear Ms. Zimmerman:

As the Project Liaison for the City of Cocoa Beach, I am submitting a request for a project agreement extension for the above cited project although it has been completed. We have received the required permits from all agencies having jurisdiction over this project, including the Florida Department of Environmental Protection (05-128969-011) and the Army Corps of Engineers (Permit #SAJ-2012-01300 LOP-JLC). However, according to the terms of the Project Grant Agreement we are unable to close out Phase I until the construction of Phase II of the project has begun. We have applied to your agency for a grant for Phase II and are currently awaiting the results of our application. Therefore, it is necessary to request this project agreement extension at this time.

I thank you for your prompt assistance on all our requests. Please do not hesitate to contact me at (321) 868-3215 if you have additional questions or need clarification.

Respectfully,


Wayne Carragino,
Project Liaison

Copy: Robert Majka, City Manager
Raj Verma, Project Director
Robert Torres, Public Works Director



REC'D *[Signature]*
JUL - 9, 2013
Florida Inland
Navigation District

**Parks and Recreation
Department**

2700 6th Avenue South
Lake Worth, FL 33461
(561) 966-6600
Fax: (561) 966-6734
www.pbcparcs.com



**Palm Beach County
Board of County
Commissioners**

Steven L. Abrams, Chairman

Priscilla A. Taylor, Vice Chair

Hal R. Valeche

Paulette Burdick

Shelley Vana

Mary Lou Berger

Jess R. Santamaria

County Administrator

Robert Weisman

July 3, 2013

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

Re: Bert Winters Park – Planning, Design and Permitting PB-11-152

Dear Ms. Zimmerman:

In April 2013, Palm Beach County acquired a one acre parcel of waterfront land centrally located within Bert Winters Park. The County is expanding the consultant's contract and scope of work to include this property in the conceptual site plan. I am requesting a one year time extension of our Bert Winters Park – Planning, Design and Permitting grant agreement from September 1, 2013 until September 1, 2014 in order to incorporate this new property into the final design for the park.

We are confident that if given the time extension, all components associated with this project will be completed before September 1, 2014. If you have any comments or questions regarding this request, please contact Jean Matthews, Senior Planner at 561-966-6652.

Thank you for your help in processing this request for an amendment to extend the project completion date for this Waterways Assistance Grant project.

Sincerely,

Eric Call, Director
Parks and Recreation Department

EC/JM



REC'D

191

JUN 20 2013

Florida Inland
Navigation District

Department of Environmental
Resources Management
2300 North Jog Road, 4th Floor
West Palm Beach, FL 33411-2743
(561) 233-2400
FAX: (561) 233-2414
www.pbcgov.org/erm



Palm Beach County
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Robert Weisman

"An Equal Opportunity
Affirmative Action Employer"

June 19, 2013

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

Dear Ms. Zimmerman:

**SUBJECT: REQUEST TIME EXTENSION FOR PB-11-154;
JOHN'S ISLAND OYSTER REEF PROJECT**

We request a one-year time extension for the subject project agreement in order to complete the placement of limestone material at the John's Island shallow-water oyster reef site.

It was necessary to adjust the project to avoid navigational conflicts with the local property owners. The new plan has been approved by the agencies and still includes the placement of 8,100 tons of limestone rock within the approved reef site. Our annual marine contractor, Vance Construction, has been issued a work order to begin work within the next week that is expected to be completed by February, 2014.

Please contact Mr. Carman Vare, Environmental Program Supervisor, at 561-233-2444 with any questions or concerns.

Sincerely,

Robert Robbins, Director
Environmental Resources Management

RR:CV:dab



City of Pahokee

192

CITY HALL • 207 BACOM POINT RD. • PAHOKEE, FLORIDA 33476 • PHONE (561) 924-5534 • FAX (561) 924-8140

Office of the City
Manager

REC'D

JUN 27 2013

Florida Inland
Navigation District

Colin Walkes
Mayor

Felisia C. Hill
Vice Mayor

Allie H. Biggs
Commissioner

Keith Babb Jr
Commissioner

Diane L. Walker
Commissioner

Derrek Moore
City Manager

Anika Sinclair
City Clerk

Gary Brandenburg
City Attorney

Art Ivester
Director
Port Mayaca
Memorial Gardens
Cemetery

Alvin Johnson
Director
Public Services

Erica Washington
Director of
Community
Development

Ivory Brown-Paschal
Interim Director of
Parks and Recreation

June 13, 2013

Janet Zimmerman,
Asst. Executive Dir. Florida Inland Navigation District
1314 Marcinski Rd.
Jupiter, Florida 33477

RE: Extension Request - City of Pahokee Emergency Public Marina Wave Attenuator – Phase 1 PB-PA-11-157 Project

Dear Ms Zimmerman:

Respectfully, the City of Pahokee is requesting a time extension to complete our Public Marina Wave Attenuator – Phase 1 Project. We are requesting an extension until September 2014.

Please be advised that the City of Pahokee's Public Marina has experienced some changes in the past two (2) years. As of January 2013, the City of Pahokee's Public Marina entered into a management agreement with Wayne Gray Property Management Inc. In light of this new agreement, the City of Pahokee is respectfully requesting an additional year to complete this project.

Your favorable consideration and response to our request will be deeply appreciated.

Thank you for your patience and understanding in this matter.

Sincerely,


Derrek Moore
City Manager

City of Miami



JOHNNY MARTINEZ, P.E.
City Manager

REC'D

AUG - 1 2013

Florida Inland
Navigation District

July 25, 2013

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

RE: Baywalk at Bicentennial Park
Project No. DA-MI-11-125

Dear Ms. Zimmerman:

The City of Miami respectfully requests a one-year extension of time for the above referenced agreement in order to complete construction of the baywalk. The project is currently 25% completed.

Your approval to extend the grant agreement would be gratefully appreciated. Should you have any questions, do not hesitate to contact me at (305) 416-1224.

Sincerely,

Mark Spanioli, P.E.
Director

C: Jeovanny Rodriguez, Assistant Director, CIP
Lillian Blondet, Director, Office of Grants Administration

City of Miami



REC'D

JOHNNY MARTINEZ, P.E.
City Manager

JUL 22 2013

Florida Inland
Navigation District

July 16, 2013

Mr. Mark Crosley
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477-9498

Re: Kennedy Floating Dock- Phase II (DA-MI-11-127)

Dear Mr. Crosley:

We are respectfully requesting a one-year extension of the above referenced grant agreement in order to finalize the construction phase of the Kennedy Park Floating Dock- Phase II project.

The project is 90% complete; however, an extension of time is necessary due to inclement weather delays and the complicated removal of the massive exotic vegetation on site. Consequently, it is in the best interest of this project to proceed under an extension approved by the Florida Inland Navigation District.

Thank you for your assistance. Should you require additional information, please do not hesitate to contact me at 305-416-1313 or Maria M. Perez at 305-416-1314.

Sincerely,

A handwritten signature in cursive script, appearing to read "Juan Pascual".

Juan Pascual
Director

c: Mr. Mark Spanioli, City of Miami, CIP
Mayren Franco, City of Miami, CIP
Mr. Robert Weinreb, City of Miami

City of Miami



JOHNNY MARTINEZ, P.E.
City Manager

July 25, 2013

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

REC'D
AUG - 1 2013
Florida Inland
Navigation District

RE: Marine Stadium Marina at Virginia Key – Phase I
Project No. DA-MI-11-129

Dear Ms. Zimmerman:

The City of Miami respectfully requests a one-year extension of time for the above referenced agreement in order to resolve the land use restrictions on the property.

Your approval to extend the grant agreement would be gratefully appreciated. Should you have any questions, do not hesitate to contact me at (305) 416-1224.

Sincerely,

Mark Spanioli for

Mark Spanioli, P.E.
Director

C: Jeovanny Rodriguez, Assistant Director, CIP
Lillian Blondet, Director, Office of Grants Administration

City of Miami



AUG - 1 2013

**Florida Inland
Navigation District**JOHNNY MARTINEZ, P.E.
City Manager

July 25, 2013

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

RE: Seybold Canal & Wagner Creek Dredging & Environ Clean-up
Project No. DA-MI-11-130

Dear Ms. Zimmerman:

The City of Miami respectfully requests a one-year extension of time for the above referenced agreement in order to continue seeking additional funding to dredge both canals in their entirety.

Your approval to extend the grant agreement would be gratefully appreciated. Should you have any questions, do not hesitate to contact me at (305) 416-1224.

Sincerely,

Mark Spanioli, P.E.
Director

C: Jeovanny Rodriguez, Assistant Director, CIP
Lillian Blondet, Director, Office of Grants Administration

City of Miami



AUG - 1 2013

**Florida Inland
Navigation District**JOHNNY MARTINEZ, P.E.
City Manager

July 25, 2013

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

RE: Biscayne Bay Spoil Island C
Project No. SI-MI-11-02

Dear Ms. Zimmerman:

The City of Miami respectfully requests a one-year extension of time for the above referenced agreement in order to complete the construction work and process the final invoice from the contractor.

Your approval to extend the grant agreement would be gratefully appreciated. Should you have any questions, do not hesitate to contact me at (305) 416-1224.

Sincerely,

Mark Spanioli, P.E.
Director

C: Jeovanny Rodriguez, Assistant Director, CIP
Lillian Blondet, Director, Office of Grants Administration

City of Miami



AUG - 1 2013

Florida Inland
Navigation DistrictJOHNNY MARTINEZ, P.E.
City Manager

July 25, 2013

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

RE: Biscayne Bay Spoil Island E
Project No. SI-MI-11-03

Dear Ms. Zimmerman:

The City of Miami respectfully requests a one-year extension of time for the above referenced agreement in order to complete the construction work and process the final invoice from the contractor.

Your approval to extend the grant agreement would be gratefully appreciated. Should you have any questions, do not hesitate to contact me at (305) 416-1224.

Sincerely,

Mark Spanioli
Mark Spanioli, P.E.
Director

C: Jeovanny Rodriguez, Assistant Director, CIP
Lillian Blondet, Director, Office of Grants Administration



MIAMI BEACH

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

REC'D

Waq

JAN 18 2013

Florida Inland
Navigation District

January 15, 2013

Ms. Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 34997-9498

Re: DA-MB-11-131 - Biscayne Bay 10th Street-end Park & Seawall Project

Dear Ms. Zimmerman:

The City of Miami Beach respectfully requests an extension from the Florida Inland Navigation District for the construction of the 10th Street End Improvement Project. The current expiration date of this grant is September 1, 2013; the City is requesting a one-year extension to **September 1, 2014**.

The project has been delayed as follows:

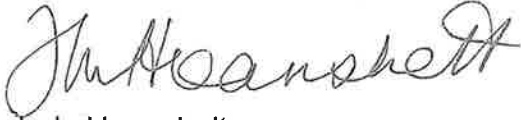
- On December 8, 2011 the City announced the Job Order Contract (JOC) bid opportunity for the project. On December 15, 2011, the City held a pre-proposal meeting. On February 3, 2012, the City received three (3) proposals for this project. After negotiations with the lowest bidder, the City selected Coastland Construction.
- However, in March 2012 the City began coordination efforts with the Florida Department of Transportation (FDOT). FDOT will begin a larger drainage project in FY13/14 that will impact the 10th Street streetend and seawall.
- As a result of this coordination effort, the City has updated the original set of plans to incorporate FDOT's drainage plans and in October 2012, the City Commission approved the Joint Participation Agreement with FDOT to construct FDOT's drainage elements as part of this project.

In addition to the above, the City has had a number of concerns regarding the JOC process, and in November 2012 decided that this project should be re-advertised using a different procurement process. On November 27, 2012 the City issued an Invitation to Bid for the project.

The project is now moving forward, the bid was open until December 28, 2012. A contractor has been selected and it is anticipated that the City Commission will approve the selection at the next Commission Meeting on January 16, 2013. The City anticipates construction to begin in March 2013.

As such, the City respectfully requests an extension to September 1, 2014 in order to ensure that the project is fully constructed during the term of the grant. Please contact me at (305) 673-7510 if you need additional information.

Sincerely,

A handwritten signature in dark ink, appearing to read "Judy Hoanshelt". The signature is fluid and cursive, with the first name "Judy" being more prominent and the last name "Hoanshelt" following in a similar style.

Judy Hoanshelt
Grants Manager

C: Fred Beckmann, Public Works Director
Elizabeth Wheaton, Environmental Resources Manager



Carlos A. Gimenez, Mayor

REC'D *DR*

JUN 24 2013

Florida Inland
Navigation District

201
Department of Regulatory and Economic Resources

Environmental Resources Management

701 NW 1st Court, 5th Floor

Miami, Florida 33136-3912

T 305-372-6864 F 305-372-6425

miamidade.gov

June 21, 2013

Janet Zimmerman, Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 34997-9498

Re: Project No. DA-11-132/Dinner Key Spoil Islands B & C Shoreline Stabilization

Dear Ms. Zimmerman,

Due to unanticipated administrative delays, the construction contract for the above referenced shoreline stabilization was not awarded until April 8, 2013. The project completion date is November 4, 2013. This project is well underway and is currently on schedule. However, it is unlikely that the project will be completed on or before the September 1, 2013 deadline outlined in the Project Agreement. Please accept this letter as a request for an extension of funding beyond the September 1, 2013 deadline. It is anticipated that the project will be completed within contract period and that all required reimbursement information will be submitted prior to the end of the calendar year.

Should you have any questions and/or desire additional information, please feel free to call me at 305.372.6922 or e-mail mahonj@miamidade.gov.

Sincerely,

Josh Mahoney, Environmental Resources Project Supervisor
Restoration and Enhancement Section

Delivering Excellence Every Day



Carlos A. Gimenez, Mayor

202
Department of Regulatory and Economic Resources

Environmental Resources Management

701 NW 1st Court, 5th Floor

Miami, Florida 33136-3912

T 305-372-6864 F 305-372-6425

miamidade.gov

June 21, 2013

Janet Zimmerman, Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 34997-9498

Re: Project No. DA-11-133/Miami Marine Stadium Park Shoreline Stabilization

Dear Ms. Zimmerman,

Due to unanticipated administrative delays, the construction contract for the above referenced shoreline stabilization was not awarded until April 8, 2013. The project completion date is November 4, 2013. This project is well underway and is currently on schedule. However, it is unlikely that the project will be completed on or before the September 1, 2013 deadline outlined in the Project Agreement. Please accept this letter as a request for an extension of funding beyond the September 1, 2013 deadline. It is anticipated that the project will be completed within contract period and that all required reimbursement information will be submitted prior to the end of the calendar year.

Should you have any questions and/or desire additional information, please feel free to call me at 305.372.6922 or e-mail mahonj@miamidade.gov.

Sincerely,

Josh Mahoney, Environmental Resources Project Supervisor
Restoration and Enhancement Section

Delivering Excellence Every Day



REC'D

JUN 20 2013

Florida Inland
Navigation District

Vizcaya Museum and Gardens
3251 South Miami Avenue
Miami, Florida 33129
Tel 305-250-9133
Fax 305-285-2004
www.vizcayamuseum.org

miamidade.gov

June 14, 2013

Mr. Mark Crosley
Assistance Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477-9427

Dear Mr. Crosley:

Miami-Dade County/Vizcaya Museum and Gardens requests an extension to our Waterways Assistance program grant (Project No. DA-11-134) awarded in October 2011. The grant period for our project entitled: "Vizcaya Public Shoreline Stabilization-Phase 1" is currently scheduled to end September 1, 2013 and it is our understanding that the extension, if granted, would prolong our project period by one year.

An extension is needed for the following reasons:

- The March 2013 departure of Vizcaya's Capital Projects Manager, Leigh Heinlein, caused an unexpected delay in issuing a request to bid for this project. In accordance with Miami-Dade County's capital project policies, a staff member who is a certified engineer must oversee the creation of bid packages and the request to issue the bid process. With the departure of Mr. Heinlein, our only certified engineer on staff, we are now collaborating with our colleagues in the County's Parks, Recreation and Open Spaces Department to advance this project. With their cooperation, the bid package has been finalized and we are in the process of preparing the request to bid. We envision that it will take another three to four months to issue the request, receive and review bids, and award and execute the construction contract. These steps will most likely push us past our current grant period end date of September 1, 2013.

June 14, 2013
Mr. Mark Crosley
Page 2

- Vizcaya has been granted conditional approval from the City of Miami on the building permit, but will not receive the final permit until the construction contract has been awarded.

Should you have any questions about this extension request, please contact Gina Sacchetti, Grants Manager at (305) 860-8454 or gina.sacchetti@vizcaya.org.

Thank you for your consideration and support of this project.

Sincerely,



Joel M. Hoffman
Executive Director
Vizcaya Museum and Gardens

cc: Mr. T. Spencer Crowley, III, Miami-Dade County FIND Commissioner
Ian Simpkins, Chief Horticulturist, Vizcaya
Dennis Fruitt, Deputy Director for Advancement, Vizcaya
Gina Sacchetti, Grants Manager, Vizcaya

FLORIDA INLAND NAVIGATION DISTRICT



TO: All FIND Commissioners, Executive Director

FROM: Janet Zimmerman, Assistant Executive Director

DATE: August 5, 2013

SUBJECT: Proposed Assistance Program Rule Changes

COMMISSIONERS

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CHAIR
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VICE-CHAIR
BROWARD COUNTY

DONALD J. CUOZZO
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EXECUTIVE DIRECTOR

MARK T. CROSLY
ASSISTANT EXECUTIVE
DIRECTOR

JANET ZIMMERMAN
ASSISTANT EXECUTIVE
DIRECTOR

At our last meeting on July 19, 2013, the Board discussed potential amendments to the Assistance Program rules and forms. Staff has summarized that discussion and provided the following proposed rule changes, presented here to Rule 66B-2 with same revisions also made to 66B-1 as applicable.

1. Update the methods of informing eligible entities to include email

66B-2.004 Policy.

(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.

2. Correcting the number of Maritime Management Plans funded through the grant process:

66B-2.008 Project Eligibility.

(5) The District may assist eligible local governments with efforts to prepare and implement a comprehensive maritime management plan. The plan shall be utilized by the eligible government to promote and maximize the public benefit and enjoyment of eligible waterways, while identifying and prioritizing the waterway access needs of the community. The plan should not duplicate any existing or ongoing efforts for the same waterway or water shed, nor shall the District participate in any effort that does not address the basic maritime needs of the community.

(a) ~~The District shall participate in one plan per County.~~ Existing plans may be updated at reasonable intervals or amended to include waterway areas previously not included in the original effort. Public, government, environmental, industry and other pertinent interest groups shall be solicited and included for input in the planning process.

3. Add language for environmental Restoration or mitigation project location

66B-2.008 Project Eligibility.

(6) All eligible environmental restoration, enhancement or mitigation projects as well as the environmental restoration, enhancement or mitigation components of other types of projects shall be required to assign the mitigation credits to the District for that share of the project funded through the District's Assistance Program. All eligible environmental restoration, enhancement or mitigation projects shall be located outside of the federal right-of-way and provide public access where possible.

4. Increase amount available to each county through the Small-Scale Derelict Vessel grant.

66B-2.015 Small-Scale Derelict Vessel Removal Projects.

(4) District funding shall be limited to ~~\$30,000.00~~ \$20,000.00 per county, per year, provided on a reimbursement basis only. The limitation on pre-agreement expenses may be waived by the Board in accordance with subsection 66B-2.005(3), F.A.C.

5. Updating of Attachment E-4 and Attachments E-4 A through F (Form No. 91-25)

Staff recommends revising questions in Attachment E-4 to reduce redundancy of answers, provide clear description of public access benefit and improve scoring. See attached Form No. 91-25A –Form No. 91-25F with revisions. Revising Form 91-25 and 91-25 A through F necessitates the following rule revisions:

66B-2.005 Funds Allocation.

The Board will allocate funding for this program based upon the District's overall goals, management policies, fiscal responsibilities and operational needs for the upcoming year. If funds are determined to be available for the program, the District will notify potential eligible governmental agencies of the availability of program funding. Applications will be reviewed by the Board utilizing District Forms No. 91-25 and 91-25 (a) through (f) Waterways Assistance Program Application ~~Evaluation and Rating Worksheet~~ (effective date 4-24-06, __ - __ - __) ; ~~and 93-25 and 93-25 (a), (b) and (c) Waterways Assistance Program Navigation Districts Application Evaluation and Rating Worksheet (effective date 4-24-06),~~ hereby incorporated by reference and available from the District office.

66B-2.006 Application Process.

(1) Application Period: With the exception of eligible Disaster Relief Projects, eligible Small-Scale Spoil Island Restoration and Enhancement Projects eligible Small-Scale Derelict Vessel Applications and Waterway Cleanup Events, all applications for assistance through this program will be submitted during the authorized submission period that shall be established by vote of the Board at a scheduled meeting.

(2) Application Forms: Florida Inland Navigation District Waterways Assistance Program Project Application FIND Form Number 90-22 (effective date 4-24-06-, 08-28-06 and the Waterways Assistance Program Project Application and Evaluation Worksheets No. 91-25 and 91-25 (A) through (F)~~93-22a, Project Information Navigation Related Districts (effective date 4-24-06)~~ are hereby incorporated by reference and available from the District office. With the exception of projects eligible under the Small-Scale Spoil Island Restoration and Enhancement program, the Small-Scale Derelict Vessel program, and eligible Waterway Cleanup Events, all applications for financial assistance and support through this program from member counties and local governments shall be made on Form Number FIND 90-22, No. 91-25 and No. 91-25 (A) through (F). Only Applicants that are eligible under Rule 66B-2.0061, F.A.C., "Disaster Relief Applications", shall complete FIND Form No. 91-25F Emergency Re-Construction. (effective date 4-24-06).and Applications shall include a detailed cost estimate submitted on FIND Form No. 90-25, Florida Inland Navigation District Assistance Program Project Cost Estimate, (effective date 4-24-06), hereby incorporated by reference and available from the District office. ~~All applications for financial assistance and support through this program from navigation related districts shall be made on FIND Form Number 93-22 (effective date 4-24-06), hereby incorporated by reference and available from the District office, and shall include a detailed cost estimate submitted on FIND Form No. 90-25. In addition, all applicants shall submit a complete and detailed Project Timeline (FIND FORM No. 96-10) (effective date 4-15-07).~~

(9) Application Evaluation and Rating Score: Following the presentations, the Board will review the applications and evaluate them using the Waterways Assistance Program Application ~~Evaluation and Rating Worksheet No. 91-25 and 91-25 (a) thru (f) for Waterways Assistance Program applications, and 93-25 (a, b and c) Waterways Assistance Program Navigation Related Districts applications.~~ The total points awarded to each application by the Commissioners will be averaged to determine an application's final rating score. The final rating score for each application must equal or exceed 35 points for the application to be considered for funding assistance. Reconsideration of any application with a final rating score of less than 35 points will only occur if the majority of the Commissioners evaluating the project rated the project equal to or exceeding 35 points and two-thirds of the Commissioners vote for reconsideration of the application. ~~Only Applicants that are eligible under Rule 66B-2.0061, F.A.C., "Disaster Relief Applications", shall complete FIND Form No. 91-25F Emergency Re-Construction. (effective date 4-24-06).~~

ATTACHMENT E-4

**WATERWAYS ASSISTANCE PROGRAM
PROJECT APPLICATION AND EVALUATION AND RATING WORKSHEET**

~~The applicant is to complete this worksheet by entering the project title, applicant name and answers to the applicable questions.~~

STEP 1: All applicants must answer a total of ten questions. All applicants will complete Attachment E-4 of the worksheet, which includes questions 1 through 6. ****Do not answer with more than three sentences.****

STEP 2: Each applicant will then Complete **one and only one sub-Attachment** (E-4 A, B, C, D or E, questions 7-10) according to the applicant's project type in reference to Attachment C. The applicant should determine their project type (if the project incorporates more than one project type) by determining which project type is dominant in terms of project cost.

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

APPLICATION TITLE: _____

APPLICANT: _____

CATEGORY	RATING	EVALUATION CRITERIA
& RATING	POINTS	
POINTS		
AVAILABLE		

1) PRIORITY LIST:

- a) **Denote** List the priority list category of this project from **Attachment C** in the application.
(The application may only be of one type based upon the predominant cost of the project elements.)
- b) **Explain** how the project fits this priority category.

(For reviewer only)

Max. Available Score _____

Range of Score (10 to ____ points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project directly relates to the ICW and the mission of the Navigation District.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project? ~~How does the project benefit public navigation or access to the ICW or adjoining waterways?~~

(For reviewer only)
(10-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) How is the public usage of this project clearly identified and quantified? Estimate the amount of total public use.

- b) Discuss the regional and local public benefits ~~and access~~ that will be provided by the project.

- c) ~~Estimate the amount of total public use.~~

- d) Can residents from other counties of the District reasonably access and use the project? Explain.

(For reviewer only)
(10-8 points)

4) TIMELINESS

- a) **Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-8.**

- b) **Briefly explain any unique aspects of this project that could influence the project timeline.**

(For reviewer only)
(10-3 points)

5) COSTS & EFFICIENCY:

- a) **List ~~any additional~~ funding sources and the status and amount of the corresponding funding that will be utilized to complete this project.**

- b) **Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

- c) **Describe any methods to be utilized to increase the cost efficiency of this project.**

- d) **If there are any fees associated with the use of this facility, please detail. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

(For reviewer only)
(10-6 points)

6) PROJECT VIABILITY:

- a) What specific need in the community does this project fill? It this project referenced or incorporated in an existing maritime management, public assess or comp plan?~~Does the project fill a specific need in the community or is it consistent with an existing maritime management plan?~~
- b) Clearly demonstrate how the project will continue to be maintained and funded after District funding is completed.
- c) Will the program result in significant and lasting benefits? Explain.
- d) Please describe any environmental benefits associated with this project.

(For reviewer only)
(10-7 points)

SUB-TOTAL _____

**ATTACHMENT E-4A
DEVELOPMENT & CONSTRUCTION PROJECTS**

**WATERWAYS ASSISTANCE PROGRAM
PROJECT APPLICATION AND EVALUATION ~~AND RATING~~ WORKSHEET**

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A
DEVELOPMENT OR CONSTRUCTION PROJECT BUT IS NOT AN INLET
MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

CATEGORY	RATING	EVALUATION CRITERIA
& RATING	POINTS	
POINTS		
AVAILABLE		

7) PERMITTING:

- a) Have all required environmental permits been applied for? If permits are NOT required, explain why not.

- b) If the project is a Phase I project, list the tasks scheduled to obtain the necessary permits and engineering work. Please provide a general cost estimate for the future Phase II work.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.

(For reviewer only)
(10-4 points)

8) PROJECT DESIGN:

- a) Has the design work been completed? If this is a Phase I project, has a preliminary design been developed?

- b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize ~~decrease~~ environmental impacts, improve water quality or reduce costs?

(For reviewer only)
(10-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) Briefly explain the construction techniques to be utilized for this project. If a Phase 1, elaborate on potential techniques.

- b) How are the utilized construction techniques ~~utilized~~ appropriate for the project site?

- c) Identify any unusual construction techniques that may increase or decrease the costs of the project.

(For reviewer only)
(10-3 points)

10) CONSTRUCTION MATERIALS:

- a) List the materials to be utilized for this project. What is the design life of the proposed materials compared to other available materials?

- ~~b) Describe any recyclable material to be utilized. How does the recyclable material (if any) compare to other available material?~~

- c) Identify any unique construction materials that may significantly alter the project costs.

(For reviewer only)
(10-3 points)

RATING POINT
TOTAL _____

(Note: The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 + 6 points. A score of 35 points or more is required to be considered for funding.)

8) DELIVERABLES:

- a) Describe the materials and project deliverables to be produced by this project.
- b) Is there a clear and effective plan of dissemination of the materials produced through the project? Please describe.

(For reviewer only)
(10-2 points)

9) EXPERIENCE & QUALIFICATIONS:

- a) Please briefly describe the qualifications of the program administrator(s), including prior experience, and areas of expertise.
- b) ~~How is the program manager sufficiently capable and qualified to conduct the proposed project successfully?~~
- c) What previous projects of this nature have been completed by the program manager?

(For reviewer only)
(1-2 0-3 points)

10) PROJECT GOALS:

a) **What are the long-term goals of this project as it relates to the ICW? Please describe how the program informs the user about the ICW.**

b) **What is the expected duration/frequency of this program?**

(For reviewer only)
(1-30-2 points)

**RATING POINT
TOTAL**

(Note: The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.)

**ATTACHMENT E-4C
LAW ENFORCEMENT & BOATING SAFETY PROJECTS**

**WATERWAYS ASSISTANCE PROGRAM
~~PROJECT APPLICATION AND EVALUATION AND RATING~~ WORKSHEET**

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A LAW
ENFORCEMENT OR BOATING SAFETY PROJECT

CATEGORY & RATING POINTS AVAILABLE	RATING POINTS	EVALUATION CRITERIA
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7) VIABILITY:

- c) Describe how project will address particular public health, safety, or welfare issues of the Navigation District's Waterways.

- d) Does the project provide significant benefits or enhancements to the District's Waterways?

(For reviewer only)
(10-3 points)

8) EXPERIENCE & QUALIFICATIONS:

- a) List the personnel tasked with the implementation of this project, their qualifications, previous training and experience.

- b) Have the personnel participated in or received state marine law enforcement training?

(For reviewer only)
(1-2 to 4 points)

9) DELIVERABLES:

- a) Describe the anticipated, long-term measurable results of implementing this project.

- b) ~~How will the project continue to be funded?~~ What is the range or area of coverage for this project? Please provide a map of the coverage area.

- c) ~~Does the project demonstrate a long-term, measurable result that fulfill a particular community need?~~

For reviewer only)
(1-4 to 2 points)

10) EDUCATION:

- a) What are the educational benefits (if any) of this proposed project?
- b) How does the project or program provide effective public boating education or expand boater safety?

(For reviewer only)
(10-3 points)

**RATING POINT
 TOTAL** _____

(Note: The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.)

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS AN INLET
MANAGEMENT or PUBLIC NAVIGATION PROJECT

CATEGORY & RATING POINTS AVAILABLE	RATING POINTS	EVALUATION CRITERIA
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c) Will the project inhibit sediment inflow into, or reduce the dredging frequency of the AICW?

(For reviewer only)
(10-5 points)

8) PUBLIC ACCESS:

- a) Will the project enhance public access to the waterways? Describe in brief detail.
- b) List public accessible facilities with improved access as a result of this project.

(For reviewer only)
(1 0-3 points)

9) BENEFICIAL PROJECT ELEMENTS:

- a) Are there additional economic benefits to be realized by implementing this project?
- b) Briefly spell out any water quality, environmental or habitat benefits to be realized by this project.

(For reviewer only)
(1 0-2 points)

10) PROJECT MAINTENANCE FUNDING:

- a) When was this area last dredged? What is the expected frequency of future dredging? List the additional funding sources for this project. What is the status of these funding sources?
- b) Explain the funding mechanism for the long-term maintenance of the project.
- c) Describe the long-range dredge material management plans.

(For reviewer only)
(10-2 points)

**RATING POINT
TOTAL**

(Note: The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 +6 points. A score of 35 points or more is required to be considered for funding.)

**ATTACHMENT E-4E
BEACH RENOURISHMENT PROJECTS**

**WATERWAYS ASSISTANCE PROGRAM
~~PROJECT APPLICATION AND EVALUATION AND RATING~~ WORKSHEET**

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A BEACH
RENOURISHMENT PROJECT

CATEGORY _____	RATING _____	EVALUATION CRITERIA
& RATING _____	POINTS _____	
POINTS _____		
AVAILABLE		

7) WATERWAY RELATIONSHIP:

- a) Describe how the District and other navigation interests will benefit from the implementation of this project.

(For reviewer only)
(1-4 points)

8) VIABILITY:

- a) Is the project site defined as critically eroded area by a statewide beach management plan?
- b) Cite the quantifiable rate of erosion in this area.
- c) Is the project an important component of an overall beach management effort?

(For reviewer only)
(10-4 points)

9) PUBLIC BENEFITS:

- a) Are there quantifiable public benefits demonstrated by the project?
- b) Is there adequate public access to the project area? Please describe location and amount.

(For reviewer only)
(10-2 points)

a) Describe any assistance funding from other sources.

b) Clarify the availability of long-term funding for this project.

(For reviewer only)
(1-2 points)

**RATING POINT
TOTAL**

(Note: The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 +6 points. A score of 35 points or more is required to be considered for funding.)

**ATTACHMENT E-4F
EMERGENCY RE-CONSTRUCTION**

**WATERWAYS ASSISTANCE PROGRAM
~~PROJECT APPLICATION AND EVALUATION AND RATING WORKSHEET~~**

~~RECONSTRUCTION AND RESTORATION OF A WATERWAY PROJECT~~
THIS ATTACHMENT IS TO BE COMPLETED ONLY IF YOUR PROJECT IS A
WATERWAY PROJECT THAT WAS DAMAGED BY A NATURAL DISASTER AS
DECLARED BY A STATE OF EMERGENCY UNDER CHAPTER 252, FLORIDA
STATUTES. DO NOT UTILIZE THIS FORM UNLESS YOUR PROJECT MEETS THIS
SPECIFIC CRITERION.

CATEGORY	RATING	EVALUATION CRITERIA
& RATING	POINTS	
POINTS		
AVAILABLE		

11 (Extra) STORM DAMAGE EVALUATION:

- a) List the State emergency declaration order or proclamation.

- b) Is this project a previously funded FIND grant project?

- c) Detail the other funding mechanisms and financial assistance that will be applied to defray the reconstruction costs or damage repair.

(For reviewer only)
(0-3 points)



St. Johns River Water Management District

Hans G. Tanzler III, Executive Director

4049 Reid Street • P.O. Box 1429 • Palatka, FL 32178-1429 • (386) 329-4500
On the Internet at floridaswater.com.

August 5, 2013

Mr. Mark Crosley, Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477-9427

RE: Letter of Inquiry: Eau Gallie River Dredging and Utilization of FIND DMMA Sites BV-52 and BV-40

Dear Mr. Crosley:

The St. Johns River Water Management District (SJRWMD) is working with the City of Melbourne, area stakeholders and project consultants Taylor Engineering Inc. to finalize the feasibility study for the proposed dredging of accumulated muck sediments from the Eau Gallie River and Elbow Creek. One component of the project plan is the identification of available areas for the selected contractor to process and dispose of dredged material. Two of FIND's Dredge Material Management Areas (DMMA) in Brevard County, BV-52 and BV-40 (site map attached), have been identified and are included in the listing of potential DMMA sites for this project.

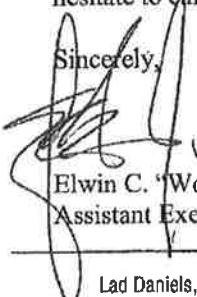
This letter is to request FIND's authorization to move forward with additional analysis of these two sites to determine their suitability for the Eau Gallie project. It is understood that FIND's BV-40 site is currently cleared, but not constructed, but is intended to be a lined containment site. Site BV-52 is operational.

If the project feasibility study identifies the use of these two sites, and future funding is identified and secured for dredging the Eau Gallie River and Elbow Creek, SJRWMD would be interested in negotiating a cooperative agreement with your Board to construct DMMA BV-40 and the temporary use of BV-40 and BV-52 to process and dispose of dredge materials. It is understood that the construction of DMMA BV-40 will be funded by FIND with construction management oversight provided by SJRWMD.

SJRWMD would request a lease for use of both sites with the understanding that both sites will be cleared of dredged material by SJRWMD prior to FIND's need to utilize the sites for Atlantic Intracoastal Waterway dredging.

Additional information from the feasibility study will be forthcoming, including the recommendations for DMMA's for the project. Sufficient funding must be identified and secured to move forward prior to final designs, permits and construction activities, including dredging. Should you have any questions on the use of the sites or would like for us to be in attendance when this request is heard by your Board, please do not hesitate to call.

Sincerely,


Elwin C. "Woody" Boynton, Jr.
Assistant Executive Director

GOVERNING BOARD

Lad Daniels, CHAIRMAN
JACKSONVILLE
Douglas Burnett
ST. AUGUSTINE

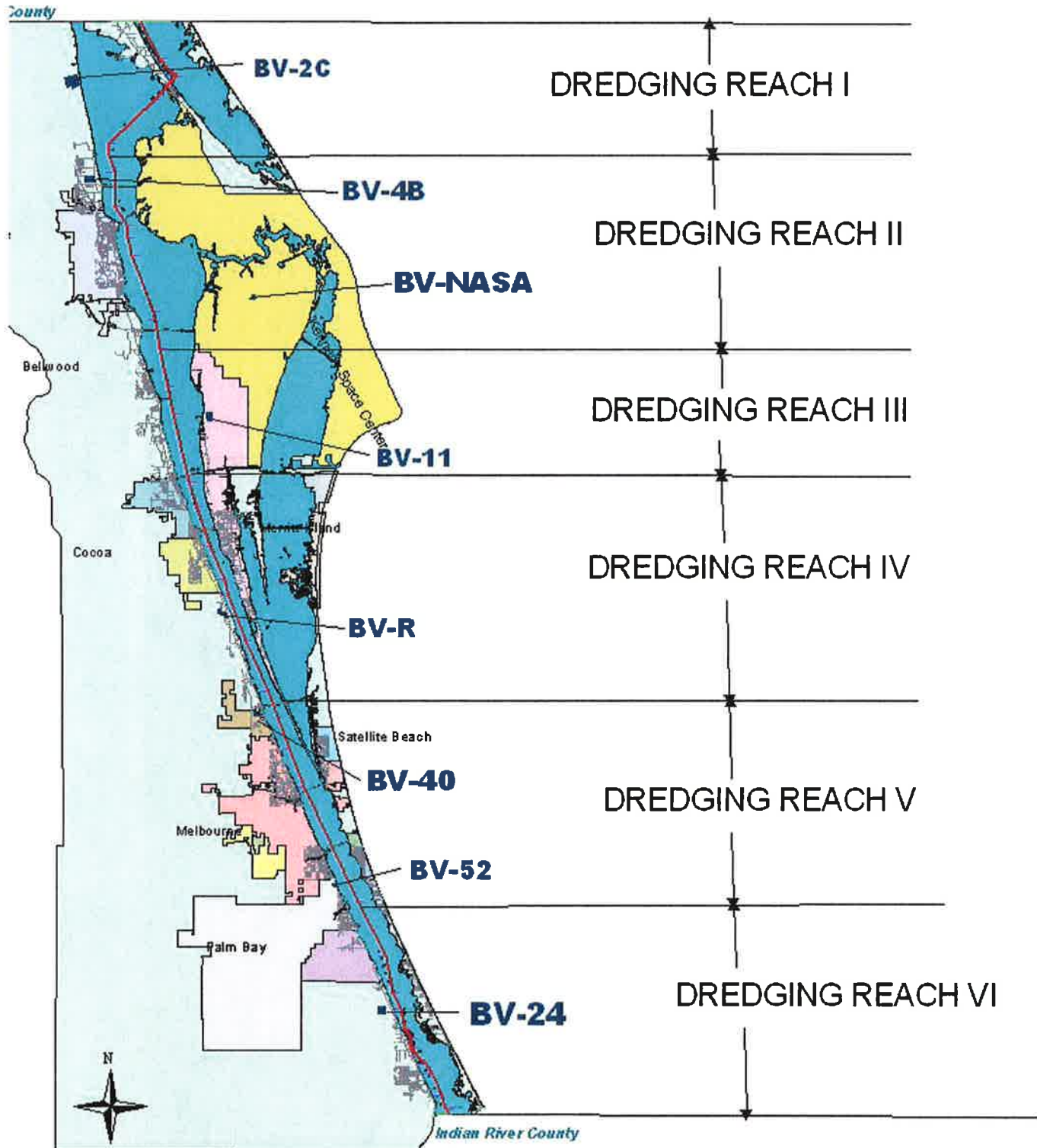
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ORMOND BEACH
Fred N. Roberts, Jr.
OCALA

W. Leonard Wood
FERNANDINA BEACH

Attachment 1
INTRACOASTAL WATERWAY
DREDGING REACHES AND
DREDGED MATERIAL MANAGEMENT AREAS
IN BREVARD COUNTY



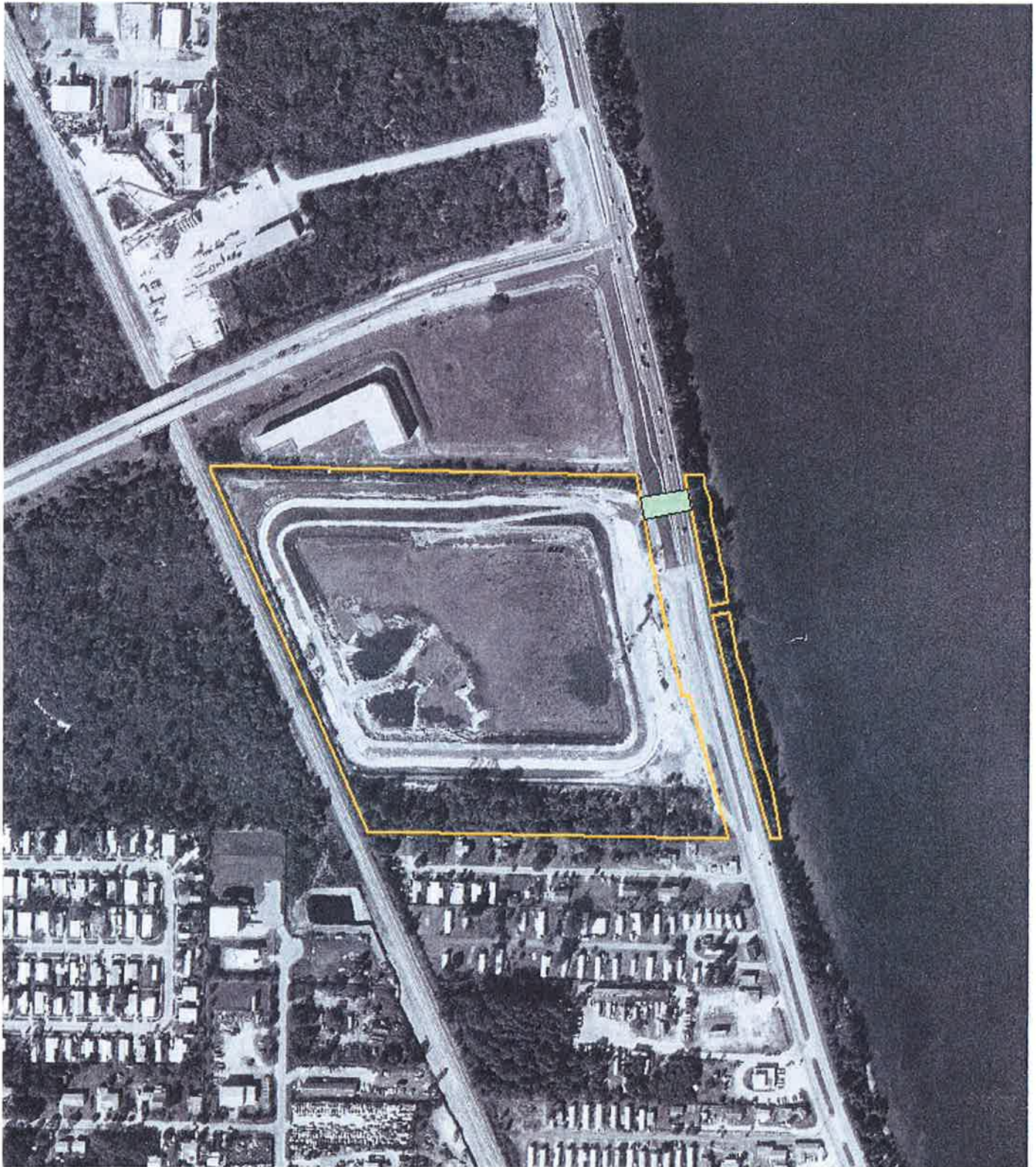


 FIND Easement
 FIND Owned

DMMA BV-40



DMMA BV-52



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



ALCALDE & FAY

GOVERNMENT & PUBLIC AFFAIRS CONSULTANTS

August 2, 2013

MEMORANDUM

TO: David Roach, Executive Director
Mark Crosley, Assistant Executive Director

FROM: Jim Davenport

SUBJECT: Federal Legislative Report

On July 31, the House leadership abruptly pulled from the floor the fiscal year (FY) 2014 Transportation and Housing and Urban Development (THUD) Appropriations Bill. Top House Republicans conceded that their party's budget strategy is falling apart since the House is having difficulty moving appropriations legislation at the funding levels they adopted (subject to sequestration) three months ago. The House strategy was simply to boost Defense spending in FY 2014 while simultaneously cutting federal domestic programs so that they could meet discretionary spending caps set by sequestration in March. After the THUD bill was pulled, House Appropriations Chairman Harold Rogers (R-KY) said, "The House, Senate and White House must come together as soon as possible on a comprehensive compromise that repeals sequestration... and provides a realistic top-line discretionary spending level to fund the government in a responsible and attainable way."

While the THUD bill does not fund priorities for the Florida Inland Navigation District, the fact that the House pulled the bill reveals that the FY 2014 appropriations process is in complete disarray. Given that the FY 2014 appropriations process has stalled, the House and Senate head into the August recess having to figure out how to replace the sequester and also move a continuing resolution (CR) to keep the government funded after the fiscal year ends September 30, 2013. President Obama has signaled his openness to a short-term budget deal to postpone the sequester at the start of the FY 2014, although the President's goal remains a permanent replacement of the automatic spending cuts. Likewise, Senate Majority Leader Harry Reid (D-NV) is working to bring a sequester replacement plan to the Senate floor in September.

While the FY 2014 congressional appropriations process continues, we will continue to advocate for FIND's maintenance dredging needs. Please contact me with any questions.