

**BOARD OF COMMISSIONERS
MEETING AGENDA
November 18, 2011**

PRELIMINARY AGENDA

FLORIDA INLAND NAVIGATION DISTRICT Board of Commissioners Meeting

9:00 a.m., Friday, November 18, 2011

**One Ocean Hotel
1 Ocean Blvd.
Atlantic Beach, Duval County, Florida.**

Item 1. Call to Order.

Chair Bray will call the meeting to order.

Item 2. Introduction and Welcome of New Commissioner.

Chair Bray will introduce new Duval County Commissioner Aaron Bowman.

Item 3. Pledge of Allegiance.

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

Item 4. Roll Call.

Secretary Freeman will call the roll.

Item 5. 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.

(follows colored divider page)

RECOMMEND Approval of the Consent Agenda.

Item 6. Additions or Deletions.

Any additions or deletions to the meeting agenda will be announced. Additionally, Commissioners may remove any items from Committee agendas that they have questions on or would like the Board to discuss in depth. Any items removed would then be included in the regular agenda in an order assigned by the Chair.

RECOMMEND Approval of a final agenda.

Item 7. Board Meeting Minutes.

The Minutes of the following meetings are presented for approval.

- October 28, 2011 Finance & Budget Comm. Meeting (see back up pages 5 - 8)
- October 28, 2011 Board Meeting (see back up pages 9 - 26)
- October 28, 2011 Public Relations Comm. Meeting (see back up pages 27 - 34)

RECOMMEND Approval of the minutes as presented.

Item 8. Public Comment.

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

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

A representative of the U.S. Army Corps of Engineers will address the Board and provide a status report on Waterway projects. In addition, an amendment to Work Order No. 31-2010-03 is presented for approval.

(see back up pages 35 – 39)

RECOMMEND Approval of Amendment No. 1 to Work Order No. 31-2010-03.

Item 10. Duval County Area Projects Status Report.

Staff has prepared a status report on Duval County area projects for the Board's information.

(see back up pages 40 - 54)

Item 11. Volvo Ocean Race Partnership Agreement.

The Public relations Committee voted for the staff to work with the Volvo Ocean Race Miami, Inc. to finalize a partnership agreement in the amount of \$15,000.00 for the District's participation in the race events when it stops in Miami in May. They have submitted a participation letter for the Board's consideration.

(see back up pages 55 - 57)

RECOMMEND Approval of the partnership agreement with the Miami Volvo Ocean Race Miami, Inc. in the amount of \$15,000.00.

Item 12. Construction Administration Amendment for the Dania Cutoff Canal Deepening Project, Broward County.

After reviewing Lucas Marine's, plan for the project plus the Port's License agreement requirements, the District Engineer has proposed an amendment to the Construction Administration agreement for this project. Because the actual project could take less time than has been estimated, this work is proposed on a time and materials basis.

(see back up pages 58 - 70)

RECOMMEND Approval of the Construction Administration Amendment by Taylor Engineering in the not to exceed amount of \$47,669.00 for the Dania Cutoff Canal Deepening Project.

Item 13. Public Relations Committee Report.

The Chairman of the Public Relations Committee will present their recommendations to the Board.

(see Public Relations Committee Agenda)

RECOMMEND Approval of the recommendations of the Public Relations Committee.

Item 14. **Legislative Committee Report.**

The Chairman of the legislative Committee will present their recommendations to the Board.

(see Legislative Committee Agenda)

RECOMMEND Approval of the recommendations of the Legislative Committee.

Item 15. **Finance and Budget Committee Report.**

The Chairman of the Finance and Budget Committee will present their recommendations to the Board.

(see Finance and Budget Committee Agenda)

RECOMMEND Approval of the recommendations of the Finance and Budget Committee.

Item 16. **Additional Staff Comments and Additional Agenda Items.**

Item 17. **Additional Commissioners Comments.**

Item 18. **Adjournment.**

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Finance and Budget Committee Meeting

8:36 a.m., Friday, October 28, 2011

The Westin Hotel

21 North Fort Lauderdale Beach Boulevard

Ft. Lauderdale, Broward County, Florida

ITEM 1. Call to Order.

Treasurer Kavanagh called the meeting to order at 8:36 a.m.

ITEM 2. Roll Call.

Assistant Executive Director Mark Crosley called the roll and Chair Kavanagh, Commissioner Colee, and Commissioner Sansom were present. Mr. Crosley stated that a quorum was present. Commissioner Chappell arrived to the meeting at 8:48 a.m.

ITEM 3. Financial Statements for August 2011.

Mr. Roach presented the financial statements for August and stated that the balance sheet shows \$64.7 million in assets, \$55 million in interest bearing accounts, \$8 million in Certificates of Deposit, and \$200,000.00 with the State Board of Administration (SBA).

Mr. Roach noted that the District has slowly been removing funds from Bank Atlantic and that currently we have approximately \$60,000.000 at that facility. He stated that Bank Atlantic's rating is currently at two stars. He stated that our current effective yield is higher than our benchmark.

Commissioner Sansom asked why we are removing the District's funds slowly from Bank Atlantic. Mr. Crosley stated that staff is processing the District's various accounts at a new banking facility but, we still have a payroll account at Bank Atlantic. He stated that all banking changes should be finalized soon.

Mr. Roach stated that we are approximately \$300,000.00 short on our tax revenue collections for this year but, we are still collecting that revenue. He stated that we have collected the land payment from the City of Edgewater.

Vice-Chair Colee asked about the payment extension the District gave the City of Edgewater for the land sale. Mr. Roach stated that the city is on schedule and there are a couple of years left on that contract.

Mr. Roach stated that the District paid \$800,000.00 for grants completed in September and another \$3 million in grants were completed in September.

Mr. Roach stated that the District will spend more this year than we collect in revenue and therefore, we will spend down the carry forward funds. He asked for questions.

Commissioner Sansom made a motion to recommend to the full Board approval of the financial statements for August of 2011. The motion was seconded by Vice-Chair Colee. Chair Kavanagh asked for any additional discussion, hearing none a vote was taken and the motion passed.

ITEM 4. August 2011 Expenditure and Project Status Reports.

Chair Kavanagh presented the District's Expenditure and Project Status Report for August of 2011. She asked for questions.

Commissioner Sansom asked if there were any ongoing projects that staff has any concerns about. Mr. Roach noted that later today we will be approving a \$6.3 million contract for the dredging of the Dania Cut Off Canal.

ITEM 5. Delegation of Authority Report.

Chair Kavanagh presented the Executive Director's Delegation of Authority actions from September 2, 2011 through October 17, 2011.

Mr. Roach noted that a motorist ran off the road and damaged the fence at DMMA DU-6A. He stated that he approved that fence repair in the amount of \$4,421.57 which will be reimbursed by the motorist's insurance company.

Chair Kavanagh asked about the continuing engineering services with Taylor Engineering in the amount of \$6,062.00. Mr. Roach stated that he would provide detailed information about this expense.

Mr. Roach stated that the Chairman approved the installation of a ditch overflow inlet at DMMA SJ-14 in the amount of \$10,681.86.

Commissioner Blow stated that he recently inspected the SJ-14 site and he noted that the site is in good condition. He noted that the site is very attractive and quite peaceful.

Commissioner Sansom stated that DMMA BV-2C in Brevard County is a part of the Great Birding Trail. Mr. Roach stated that the area is the home of the Florida Birding Festival, which is the largest birding festival in the southeastern United States. He stated that the District allows them to take a tour of the site during this festival.

ITEM 6. **Additional Agenda Items or Staff Comments.**

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

ITEM 7. **Additional Commissioners Comments.**

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

ITEM 8. **Adjournment.**

Chair Kavanagh stated that hearing no further business the meeting was adjourned at 8:49 a.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Board of Commissioners Meeting

9:02 a.m., Friday, October 28, 2011

The Westin Hotel

321 North Fort Lauderdale Beach Boulevard

Ft. Lauderdale, Broward County, Florida

ITEM 1. Call to Order.

Vice-Chair Colee called the meeting to order at 9:02 a.m.

ITEM 2. Pledge of Allegiance.

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

ITEM 3. Roll Call.

Assistant Executive Director Mark Crosley called the roll and Vice-Chair Colee, Treasurer Kavanagh, Commissioner Barkett, Commissioner Blow, Commissioner Chappell, Commissioner Crowley, Commissioner Cuozzo, and Commissioner Sansom were present. Mr. Crosley stated that a quorum was present. Commissioner Mesiano arrived to the meeting at 9:05 a.m.

ITEM 4. Consent Agenda.

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

Commissioner Barkett made a motion to approve the Consent Agenda as presented. The motion was seconded by Commissioner Cuzzo. Vice-Chair Colee asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 5. Additions or Deletions.

Vice-Chair Colee asked if there were any other additions or deletions to the meeting agenda.

Commissioner Blow made a motion to approve the final agenda as amended. The motion was seconded by Commissioner Sansom. Vice-Chair Colee asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 6. Board Meeting Minutes.

Vice-Chair Colee asked if there were any comments or questions regarding the Board meeting minutes.

Vice-Chair Colee stated that he would like to edit a sentence in the September 17, 2011 Board of Commissioners Minutes, Item 11 to delete the word "Marian" and substitute "Marina".

Vice-Chair Colee stated that he would like to edit a sentence in the September 16, 2011 First Public Tax and Budget Hearing Minutes, Item 14 to delete the words "will be attending" and substitute "RSVP'd for".

Commissioner Sansom stated that he would like to edit a sentence in the September 17, 2011 Board of Commissioners Minutes, Item 10 to delete the words "Jupiter Inlet" and substitute "waterway".

Commission Sansom stated that he would like to edit a sentence in the September 17, 2011 Board of Commissioners Minutes, Item 19 to delete the words “around it” and substitute “comfortable with it”.

Commissioner Blow made a motion to approve the minutes as amended. The motion was seconded by Commissioner Sansom. Vice-Chair Colee asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 7. Public Comments.

Vice-Chair Colee asked if there were any public comments on issues that are not on today’s agenda. There were none.

ITEM 8. Staff Report on District Projects in Broward County.

Mr. Roach stated that Phase I of the Dredged Material Management Plan (DMMP) for the Intracoastal Waterway in Broward County was completed in 2003. He stated that Phase II of the DMMP was completed in 2004 and that we are still looking for a western site to purchase.

Mr. Roach stated that Broward County has the lowest dredging projection of any of the District's 12 counties and that the majority of this maintenance dredging (81%) is associated with the Hillsboro Inlet. He stated that the Hillsboro Inlet District has a continual dredge in operation at the inlet that bypasses sand to the beach south of the inlet and this operation helps prevent material from migrating into the ICW.

Mr. Roach noted that MSA 726 is currently leased to the Cities of Lighthouse Point and Pompano Beach for a public park. He stated that we will be doing a joint project with the city to remove Australian pines and replace those trees with native

plantings. He stated that this project will be designed to define the District's future containment area.

Vice-Chair Colee asked if this site would continue as a park even after the District develops this site. Mr. Roach answered yes.

Commissioner Sansom noted that the Broward County waterway deepening project will provide dredging volumes in addition to the District's normal maintenance volume. Mr. Roach answered correct and noted that the combined total volumes will be over 400,000 cubic yards of material. Commissioner Sansom asked if the District should discuss additional disposal needs and future waterway enhancement projects. Mr. Roach stated that these two sites are transfer facilities and they really cannot handle more volume than their original storage volume. He noted that the District has an agreement with Port Everglades to use their site and that is a transfer site as well. He stated that staff is hopeful that this will continue as a long term relationship.

Commissioner Sansom asked about inter-governmental relations with the county. Mr. Roach stated that the county is aware that they cannot ignore the needs of this work and that economically they see the benefit.

Commissioner Chappell stated that Broward County Commissioner LaMarca understands the importance of the deepening project and its economic benefit.

Vice-Chair Colee referred to a news article about two large vessels that decided not to participate in the Fort Lauderdale Boat Show because they did not feel the channel was deep enough.

Commissioner Sansom stated that same issue is making it increasingly difficult for the larger sail boats to participate in the boat show.

Mr. Roach stated that District Site MSA 727 is also leased for a county boat ramp facility. He stated that currently the county is using this site to handle dredged material from their Deerfield Island dock project, which is a District grant project. He stated that the District will be using this site as a transfer facility as well.

Mr. Roach noted that currently there are two marine facilities that have requested to deepen their channel in conjunction with the District's Dania deepening project. He stated that this request is in conjunction with their expansion to provide more jobs which will provide a direct economic benefit.

Mr. Roach stated that the District is pursuing the deepening of the Intracoastal Waterway from the 17th Street Causeway north to the Middle River. He stated that this project will create safer conditions for mega-yachts and is being pursued in conjunction with the proposed deepening of the Dania Cut-Off Canal between the Port and US 1. He stated that maintenance dredging of Reach I has currently been scheduled for 2013 with the dredged material being placed on the beach south of the Hillsboro Inlet.

Mr. Roach stated that there are over 1,700 marine related businesses in Broward County, employing 32,000 people, generating salaries of \$1.5 billion, with a total economic output of \$6.1 billion.

Mr. Roach stated that the District has provided \$17.3 million in Waterways Assistance funding to 92 projects in the county having a total constructed value of \$44.5 million. He stated that in addition, these projects include every boat ramp and waterway park facility in the county.

Mr. Roach stated that the District participated in 1988 with the Marine Industries Association of South Florida in the very first ever waterway cleanup. He stated that the

cleanup was such a success that the District recommended doing these cleanups in every one of our counties. He stated that now, we have a volunteer waterway cleanup in all of our twelve counties.

Mr. Roach stated that the City of Dania Beach is working to increase the height of the US 1 bridge. He stated that the deepening project stops at that bridge and he noted that there is a large amount of water on the other side of that bridge with marina facilities for small boats. He stated that project will change the entire dynamics of those facilities.

Commissioner Chappell noted that the City of Dania Beach is taking a pro-active approach and is currently re-zoning, in their comprehensive plan, the properties along the deepening area as well as the properties west of the US 1 bridge. He stated that upon completion of the bridge project, those facilities west of the bridge will have zoning in place allowing them to get through the development approval process quickly.

Commissioner Chappell stated that the city has met with Congressman West and they are working on the Federal grant process to help fund the bridge construction.

ITEM 9. Deepening of the Dania Cut Off Canal, Broward County.

Mr. Roach stated that the District has bid the Dania Cut Off Canal Deepening Project and three bids were received and evaluated by a Review Committee.

Mr. Roach noted the bid spread for this project and stated that it indicates the challenges of the project. He stated that this is a deepening project in lime rock in a restricted canal with a lot of boat traffic. He stated that the qualified low bid was from Lucas Marine Acquisition Company, LLC, who submitted an acceptable plan and all required documents. He stated that their bid for the Intracoastal project is \$6.3 million. He stated that the low bid was approximately 12% above the engineering estimate for the

project. He stated that the District also bid the Port Everglades berth dredging project and Lucas Marine Acquisition Company, LLC was the low qualified bid for that project as well.

Commissioner Barkett asked about the bid spread for the Environmental Protection items. Mr. Adams stated that the bid specifications spell out the Environmental Protection requirements. He stated that dredging contractors place Environmental Protection money in different places of the bid such as mobilization and dredging.

Commissioner Barkett asked if the District has ever done business with Lucas before. Mr. Roach answered yes and stated that we have completed at least two shoreline projects with them. He stated that Lucas has done a very good job on previous projects and are very professional. He stated that their primary expertise is building marine structures and that we were happy to see that Lucas has a relationship with Jay Cashman, Inc. which is a huge dredging company out of Baltimore. He stated that upon review of the bid, we found that Cashman has purchased Lucas and it is now a subsidiary of Jay Cashman, Inc. He stated that Cashman has all the equipment and expertise for this type of project.

Dr. Taylor stated that there are three companies that are under Jay Cashman, Inc. including Sterling Equipment. He stated that Cashman has the hydraulically/environmentally controlled buckets and specialized equipment to do this kind of dredging.

Mr. Roach referred to a memo from the District engineer regarding the bid tabulations. He stated that there were two steps to qualify Lucas as the qualified low

bidder; the bid cost and the evaluation process which looked at the qualifications of the firm to do the job, including their references and past projects. He noted that Lucas/Cashman was not only the low bidder but that they were the highest rated bidder.

Mr. Roach stated that there were two minor irregularities with the referenced bid that staff and the Review Committee would like the Board to waive in accordance with the District's rights pursuant to the Acceptance/Rejection of Bids Section of the Project Specifications. He stated that Orion omitted pages from the Bid Form which was a portion of their references. He stated that they did submit enough reference information on another portion of their bid documents allowing their bid to be fairly evaluated. He stated that Bean/Conti omitted Appendix L, the Port Everglades Bid portion references and equipment list from their bid package. He stated that staff is of the opinion that they did submit enough reference information for their bid to be fairly evaluated.

Commissioner Barkett made a motion to approve: (1) the low bid in the amount of \$6,306,690.00 from Lucas Marine Acquisition Company, LLC for the Dania Cut Off Canal Deepening Project, and; (2) also award the low bid of \$434,400.00 from Lucas Marine Acquisition Company, LLC for the Port Everglades berth dredging if the Port elects to accept the bid. The motion was seconded by Commissioner Chappell. Vice-Chair Colee asked for discussion.

Commissioner Blow stated that he was a member of the Review Committee and he ranked Lucas/Cashman the high responsive bidder because of their references and equipment. He noted that this will be a challenging project.

Commissioner Mesiano asked if this was an open bid. Mr. Roach stated that it was an open bid and the bidders were required to attend the pre-bid meeting. He stated

that we had seven large dredging companies attend the pre-bid meeting. He stated that three of those companies submitted a bid.

Commissioner Mesiano stated that he was impressed with the broad background of the bidders. He asked if the ranking process of the bidders is set by state rule or law. Mr. Roach answered no and stated that the District determined that the evaluation process. He stated that because of the challenges of this project, it was important to determine not only the lowest bidder but the highest qualified firm. He stated that we felt that it was appropriate to include the cost amount into the evaluation.

Mr. Roach noted that the City of Dania Beach and Broward County have committed \$1.5 million to the Dania deepening portion of this project. He stated that because this project has bid higher than estimated, we will be going back to the city and county to obtain additional funding assistance. He stated that staff is comfortable that they will accept that additional cost.

Mr. Roach asked that the motion include; (3) a waiver of the two minor bid irregularities.

Commissioner Barkett amended the motion to include approval of (3) a waiver of the two minor bid irregularities. Commissioner Chappell seconded the motion.

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

ITEM 10. Preliminary Design and Permitting of the Intracoastal Waterway Deepening in Palm Beach County.

Mr. Roach stated that staff requested a scope of services and fee quote from the District Engineer for the preliminary design and permitting of the deepening of the

Intracoastal Waterway in Palm Beach County north of the Port of Palm Beach. He noted that this project was discussed at the last Board meeting and that this project will serve at least two mega-yacht repair facilities, the Riviera Beach Municipal Marina, and the Lockheed Martin facility.

Commissioner Sansom made a motion to approve the scope of services and fee quote of \$86,054.00 from Taylor Engineering for the preliminary design and permitting of the deepening of the Intracoastal Waterway in Palm Beach County. The motion was seconded by Commissioner Chappell. Vice-Chair Colee asked for discussion.

Vice-Chair Colee noted that this project is not solely for the private businesses, it is also for the Riviera Beach Marina.

Commissioner Blow stated that he spoke with the manager of Rybovich last evening and their competition for mega yacht work is the European market. He stated that what gives this area an advantage over the European yards is the work ethic and length of the work week. He noted that Rybovich works two shifts and a 40 hour plus work week.

Commissioner Sansom noted that this project has the full support of the City of Riviera Beach and it is part of their downtown economic redevelopment.

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

ITEM 11. Biennial Review of District Administrative Rules for 2011.

Mr. Roach stated that the Florida statutes now require that the District perform a biennial review of the District's Administrative Rules and submit a review report to the

Senate President, the Speaker of the House and the Joint Administrative Procedures Committee. He presented staff's review pursuant to this statute and asked for questions.

Commissioner Blow made a motion to approve: (1) the Report of the Biennial Review of District Administrative Rules for 2011, and; (2) submission of the report by the Chair to the required parties. The motion was seconded by Commissioner Crowley. Vice-Chair Colee asked for discussion.

Mr. Crosley noted that the District reviews the assistance program rules each year.

Attorney Breton stated that the only difference that this new requirement will include is a yearly review of the District's land acquisition rule.

Commissioner Sansom stated that he feels that the District should develop a committee to review these rules.

Vice-Chair Colee asked the date the review report is due. Attorney Breton answered December 1st.

Attorney Breton noted that there were three assistance rules that the Board reviewed and changed this year for clarification purposes. He stated that this is not a negative report and the Board has reviewed the grant process rules extensively.

Commissioner Barkett stated that he understands Commissioner Sansom's point and he is not sure our transmittal letter should say that staff looked at this and there are no changes. He stated that the letter should indicate that the District staff and attorney reviewed and recommend no changes, that the Commissioners then reviewed that recommendation, agreed with that decision, and approved the report.

Vice-Chair Colee asked for any further discussion, hearing none, a vote was taken and the motion passed. Commissioner Sansom voted against the motion.

Commissioner Barkett stated that he does not disagree with Commissioner Sansom's points and he feels that in the future we may want to appoint a committee to review the rules and make recommendations regarding this process.

Mr. Crosley stated that the District does review our assistance rules each year and staff proposes discussion based on Commissioner comments throughout the year. He stated that all we need to do is include the land acquisition rules in that biennial review.

Mr. Roach stated that we could have the Legislative Committee perform that biennial review.

Commissioner Barkett stated that this item has been approved for transmittal. He suggested delaying that transmittal until each Commissioner reviews the information for final discussion at the November Board meeting.

Commissioner Sansom stated that the legislature made this change so that each agency would take a look at their rules to determine that the rules were not stifling economic development in this state.

Commissioner Barkett noted that this agency does not regulate.

Commissioner Mesiano suggested that the cover letter include information about the District's review process, speaks to the administration's agenda, and how we evaluate the rules from that respect.

Vice-Chair Colee suggested that the information be sent to members of the Legislative Committee with a request for comments prior to the November meeting.

Commissioner Sansom suggested that the cover letter include information noting that after the review the Board concurred with staff.

Attorney Breton noted that Item 11 is a biennial review of the District Administrative Rules that is ongoing and will be required every odd numbered year. He stated that Item 12 is a one-time requirement for the year 2011. He stated that this is a special review of all of the District's rules. He stated that this review has different standards that had to be applied to the review, mainly looking at revenue rules, data collection rules, and rules that have adverse economic impact. He stated that based on those standards, staff reviewed and made recommended findings as to how our rules did or did not satisfy those criteria and that is in the report.

ITEM 12. Enhanced Biennial Review of District Administrative Rules for 2011.

Commissioner Sansom made a motion to defer this item to the November 18, 2011 meeting. The motion was seconded by Commissioner Mesiano.

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

ITEM 13. Installation of Additional Fencing at DMMA FL-12, Flagler County.

Mr. Roach stated that this item is on the Board meeting agenda instead of the Land Acquisition and Management Committee agenda because it was the only item for the Committee during agenda preparation.

Mr. Roach stated that the Land Acquisition and Management Committee directed staff to monitor gopher tortoise migration onto District dredged material management areas and to devise a plan to limit this migration. He stated that staff has seen gopher tortoises immediately outside of DMMA FL-12. He stated that staff has designed a fence extension that will attach to the existing security fence and extend into the soil two feet to prevent the tortoises from burrowing under the fence.

Mr. Roach stated that staff bid the project and three bids were received. He stated that the qualified low bid was from Fasanelli Construction in the amount of \$27,919.00.

Commissioner Blow made a motion to approve the low responsive bid in the amount of \$27,919.00 from Fasanelli Construction for the installation of additional fencing at DMMA FL-12. The motion was seconded by Commissioner Sansom. Vice-Chair Colee asked for discussion.

Commissioner Blow commented that this is an excellent cost for a vinyl coated chain link fence.

Vice-Chair Colee asked if this is something that we should do when we fence the next site. Mr. Roach stated that gopher tortoises exist in certain habitats found in coastal dunes. He stated that staff will review the sites on a case by case basis. He noted that District staff inspects our sites on a regular basis and checks for tortoises. He stated that for future fence installations, staff will analyze the conditions and install this type of fencing if warranted.

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

ITEM 14. Finance and Budget Committee Recommendations.

Treasurer Kavanagh stated that the District's Finance and Budget Committee met before today's Board meeting and the Committee reviewed and recommends approval of the August 2011 financial statements.

Treasurer Kavanagh made a motion to approve the recommendations of the Finance and Budget Committee. The motion was seconded by Commissioner Sansom.

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

ITEM 15. Additional Staff Comments and Additional Agenda Items.

Vice-Chair Colee asked if there were any additional staff comments or agenda items.

Mr. Roach stated that staff was notified by the governor's office that Commissioner Crowley has been reappointed by the governor for another four year term. He stated that Mr. Aaron Bowman has been appointed by the governor as the new Duval County Commissioner, replacing Commissioner Mesiano.

Mr. Roach stated that the governor's office stated that the remaining four seats should be appointed in the next few weeks.

Commissioner Barkett stated that he would like to commend Commissioner Mesiano for his contributions to this Board from both a unique perspective and a practical aspect and that he will be missed.

ITEM 16. Additional Commissioners Comments.

Vice-Chair Colee asked if there were any additional commissioner comments or agenda items.

Commissioner Blow stated that the Board requested that he serve on the FWC Anchoring Ordinance Review Committee and he attended the October 11, 2011 meeting. He stated that this committee was set up by the legislature to develop a template for a pilot anchoring program. He stated that the committee has selected five cities throughout the state to develop a two year anchoring ordinance. He stated that each program will be reviewed and the results will be reported to the legislature. He stated

that the legislature will then determine to whether move forward with a state-wide anchoring ordinance.

Commissioner Blow stated that the City of St. Augustine was the first city to develop an ordinance and that was the reason for this October meeting. He referred to a letter he drafted to the FWC about the ordinance.

Commissioner Blow stated that the City of St. Augustine ordinance will allow anchoring for ten days outside of an established mooring field. He stated that after ten days the vessel must move outside the city limits. He stated that the average mooring time is three to five days.

Commissioner Blow stated that a wet stored vessel must get underway on its own power twice a year and come to a city marina for an inspection. He stated that there is also a requirement that vessels cannot anchor within 50 feet of a marine structure. He stated that the next city to be reviewed for this program is the City of Stuart and that meeting is scheduled for November 17th.

Commissioner Mesiano asked about the person who may object to this type of ordinance. Commissioner Blow stated that there is a lot of fear from boaters about this ordinance because they are afraid it will restrict the amount of time they can moor their vessel.

Commissioner Blow noted that some people believe that there is a federal law that allows anchoring anywhere in the waterway outside of the channel and he stated that is not true. He stated that the federal government regulates waterway interstate commerce. He stated that an example of that would be the designated federal anchorage at the Port of Jacksonville for commercial ships.

Commissioner Sansom stated that he feels that the St. Augustine mooring ordinance is a good ordinance, but he questions what boaters will do when the moorings are full. He suggested that be addressed in the ordinance. Commissioner Blow stated that question did come up and therefore the city is accepting comments for review.

Vice-Chair Colee thanked Commissioner Chappell for last evening's Community Outreach Event. He stated that the boat show tour was very educational and provided information about the jobs and economic impact of the marine industry.

Commissioner Sansom stated that no other agency supports the marine industry in Florida other than FIND.

Commissioner Chappell encouraged the board to attend the boat show events this afternoon and weekend.

Commissioner Chappell stated that the Broward County waterway cleanup has been expanded to cover both the North and South county areas. He stated that the events will double the number of cleanup volunteers and trash removed from the waterways.

Commissioner Chappell stated that the city plans to bring before the Board the Alsdorf park project to redo the boat ramp and facilities. He stated that this park is the largest and heavily used Broward County facility.

Vice-Chair Colee referred to an article in the Palm Beach Post indicating that Palm Beach County is not required to obtain an independent property appraisal when providing grants to purchase property. He stated that because of this incident, he has asked staff to include a requirement in the District assistance rules that all local government property acquisitions funded by the District are required to obtain an independent property appraisal.

Vice-Chair Colee stated that he has been asked to serve on the Lake Worth Lagoon Initiative group. He stated that this program is not a policy making organization, it is simply a multi-agency discussion group that meets to discuss issues relative to the Lake Worth Lagoon.

Commissioner Chappell noted that there is a South Florida marine industry delegation heading to Washington D. C. to discuss the dredging of Port Everglades and funding for the project

Vice-Chair Colee stated that he will be meeting with Congressman West to discuss funding for the ICW.

ITEM 17. Adjournment.

Vice-Chair Colee stated that hearing no further business the meeting was adjourned at 10:55 p.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT
PUBLIC RELATIONS COMMITTEE**

11:02 a.m., Friday, October 28, 2011

The Westin Hotel

321 North Fort Lauderdale Beach Boulevard

Ft. Lauderdale, Broward County, Florida

ITEM 1. Call to Order.

Chair Chappell called the meeting to order at 11:02 a.m.

ITEM 2. Roll Call.

Assistant Executive Director Mark Crosley called the roll and Chair Chappell, Vice-Chair Colee, Commissioner Crowley, Commissioner Barkett, and Commissioner Sansom were present. Mr. Crosley stated that a quorum was present.

ITEM 3. Additions or Deletions.

Chair Chappell asked if there were any additions or deletions to the meeting agenda. Mr. Roach stated that there were none.

ITEM 4. Economic Study Update, Public Fact Sheets.

Mr. Roach stated that the District's economic consultant has prepared Public Fact Sheets for the Economic Study Update. Mr. Roach stated that these fact sheets include both basic waterway information and county specific information about the marine industry in the 12 District counties. He noted that because of the recession, there has been a decrease of \$8.7 billion in marine business volume with a current total of \$20 billion in marine business volume in the 12 District counties. He stated that the next

sheet then provides information about the Intracoastal Waterway including annual boater spending on non-marine related items. He stated that there are also fact sheets with each county's specific economic information. He stated that these fact sheets can either replace the previous brochures or be in addition to those brochures.

Commissioner Crowley stated that this information is very important and an asset to our public relations campaign. He suggested that the District's public relations consultant look at this information to suggest presentation style improvements. He suggested that the information include state, county, and local grant project impact and perhaps several project pictures.

Vice-Chair Colee stated that he would like to see source information included on the fact sheet.

Commissioner Mesiano asked about the wording "if the waterway were adequately maintained" and suggested that the consultant clarify that wording. He also suggested adding the wording that additional information about the District can be found at aicw.org.

Mr. Roach stated that Commissioner Crowley has suggested that each grant applicant complete and submit a standardized fact sheet about their project. He stated that those fact sheets will include full project information which will be on the District's web site.

ITEM 5. Generic Public Relation Services Agreement with McNicholas and Associates.

Mr. Roach stated that staff requested a generic public relations services agreement from McNicholas and Associates. He briefly reviewed changes to the agreement and

stated that if approved, any work under the agreement would be performed based upon a work order detailing a specific scope of services and fee.

Vice-Chair Colee stated that he feels that this proposal misses the points of what he believes to be an effective public relations plan. He stated that this Board wants to make sure that there is accurate information provided on all aspects of our operation. He suggested that the Board defer this contract. He stated that he would volunteer to work with staff to craft a document that meets the District's intention.

Commissioner Barkett asked the purpose of this agreement. Mr. Roach stated that it will provide the District with a public relations consultant on call as needed. Commissioner Barkett stated that he agrees with Vice-Chair Colee, he would like to see this agreement refined towards getting the District's message out.

Commissioner Sansom stated that McNicholas was retained to build the District a public display and if we are broadening the services, we should re-advertise because this is not a public relations issue, it is public information.

Chair Chappell stated that he does not feel that the District should hire one firm to handle the entire District. He stated that District issues come up in individual counties and there could be a firm that could better serve us in that county because a local firm may have a relationship with the local media.

Vice-Chair Colee stated that he agrees, there is an advantage to having two or three consultants because of the different geographic regions that make up the District. He stated that very often when you bring on a consultant for a project, you end up using them for other projects. He stated that the advantage to the client in that respect is that the learning curve is considerably reduced. He stated that McNicholas understands the

essence of what the District is and that, in this case, he feels that we do not need to go out for competitive bids. He stated that the controlling factor for that is that we are not entering into a long term fixed price contract. He stated that this is going to be an ala-carte service on as an needed basis.

Commissioner Crowley stated that this item is our due diligence in the event that we need this type of service. He stated that if we need additional services we would use more of a crisis management type firm and that he is comfortable deferring this item. He stated that he feels that McNicholas is a very good firm and we have a place for them, but we need to adjust the project scope.

Commissioner Mesiano stated that we do not need to turn this into an exclusive need. He stated that right now, staff needs some support. He stated that staff does a great job handling misinformation about the District, but staff should have someone on call when that service is needed. He stated that when there is an item with lead time for response, then we could use another firm or service.

Commissioner Blow noted that other agencies have in house staff to handle their public relations. He stated that FIND works very hard to maintain a small staff and he feels having this firm available in case they are needed is the preferable for the District.

ITEM 6. Volvo Ocean Race Sponsorship.

Mr. Roach stated that the Board directed staff to work with the Volvo Ocean Race to develop options for District sponsorship of the race when it stops in Miami in May. He stated they have submitted a sponsorship package with three options for Committee consideration. He noted that option one includes a FIND information booth. He asked for direction.

Commissioner Crowley stated that this Miami Ocean race group has presented information about this event at previous District meetings. He stated that this is an important event for the state and Miami-Dade County. He stated that relative to the District, he sees this as a culmination of many years of grant projects and work in the downtown Miami area. He stated that this event is going to take place right in the slip funded by the District's grant program and will showcase all of the District's downtown Miami projects.

Commissioner Crowley stated that he would encourage the Board to support participating in the co-sponsorship of the Steamboat Race. He stated that he would be hopeful that the District's new display will be ready in time for this event.

Mr. Dusty Melton, for the Volvo Ocean Race, stated that that this will be a family oriented event that will attract over 250,000 people. He stated that at least two local steamboats will be used for the steamboat races. He stated that organizers felt that the location of this race and the event itself would be a nice fit for the District.

Commissioner Crowley stated that the City of Miami District Commissioner is dedicated to this event and has instructed his staff to help this organization. He stated that the District's participation in an event that is highly supported by local government would be good.

Commissioner Barkett stated that he feels that this is a great event and that is great for the City of Miami, but that he does not feel that the District should become a sponsor of this event. He stated that he feels that this type of sponsorship is for private industry and not for governmental agencies.

Vice-Chair Colee stated that this is a great event, but he cannot justify the District providing funding for sponsorship. He stated that he would support the District paying to have its kiosk displayed as a matter of public outreach or education.

Commissioner Sansom stated that this race is the kind of waterfront destination activity that our projects are designed for. He stated that he supports District's involvement in this event because it is good for the local community. He stated that District participation in this activity can be called something other than sponsorship.

Mr. Crosley asked about the estimated economic benefit to the area. Mr. Melton stated that the estimated economic impact from just the out of town visitors is \$56 million.

Commissioner Crowley made a motion to approve event partnership in the amount of \$20,000.00 for the Volvo Ocean Race.

Treasurer Kavanagh asked where the District will obtain the funding for this sponsorship. Mr. Roach stated that the District did not fund as many grant projects as anticipated this year and noted that we have some unallocated funds in that budget.

Chair Chappell asked about modifying the District's support of the race to include the one-site inclusion and legacy that will allow the District to have the 10'X10' booth. He stated that perhaps the District should not co-sponsor the Great Steamboat Race. Mr. Melton stated that he wishes to partner with FIND and he is confident that the sponsorship can be adjusted.

Commissioner Blow stated that this event is a positive economic activity that will create jobs. He stated that Miami-Dade County generates a substantial amount of tax revenue for the District and this request is small by comparison.

Chair Chappell suggested that staff come back with an alternative proposal.

Vice-Chair Colee noted that this event is not contingent upon the District's participation and it will happen no matter what the District does. He stated that in a time when government has financial problems, there are people that would look at a \$20,000.00 sponsorship as frivolous. He stated that he is comfortable supporting a package at the \$10,000.00 level including a FIND booth.

Commissioner Crowley made a motion to support a sponsorship in the amount of \$15,000.00, and authorize staff to negotiate and move forward with the best package for the District not including sponsorship of the Steamboat Race. The motion was seconded by Commissioner Sansom and amended to change the word sponsorship to public outreach connection. Chair Chappell asked for discussion.

Commissioner Crowley agreed that the motion should be modified with less emphasis on sponsorship and more emphasis on partnership or the payment of services.

Commissioner Mesiano asked if this item will go before the full Board. Mr. Roach answered yes. Commissioner Mesiano asked if the events will be free to the public. Mr. Melton stated that some events and concerts will be free to the public, but not all events.

Commissioner Mesiano asked if there will be vessels providing for boater support. Mr. Melton answered yes. Commissioner Mesiano suggested that the District could financially support the boat support activity as well as the kiosk setup. He asked if the District's kiosk could be set up for the entire event. Mr. Melton answered yes.

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

ITEM 7. Additional Staff Comments and Additional Agenda Items.

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

ITEM 8. Commissioners Comments.

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

ITEM 9. Adjournment.

Chair Chappell stated that hearing no further business the meeting was adjourned at 12:05 p.m.



**US Army Corps
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Jacksonville District

**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
November 18, 2011**

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WORK ACTIVITIES IN FY 12:

1. DMMA: IR-2 (Indian River County)
2. IWW: St. Augustine (St. Johns County)
3. IWW: Sawpit (Nassau County)



IWW STATUS UPDATE
FIND Board of Commissioners Meeting
November 18, 2011

AIWW = Atlantic Intracoastal Waterway Norfolk to St. Johns
IWW = Intracoastal Waterway Jacksonville to Miami (12' and 10' projects)
DMMA = Dredge Material Management Area

CONTRACT AMOUNT: \$2,806,601.00

SCHEDULE:

Receipt of ERP/Surface Water Mgmt Permit:	21 July 2010A
Contract Advertisement Initiated:	21 Sept 2010A
Bids Received:	28 Oct 2010A
Contract Award:	30 Dec 2010A
NTP Issued:	17 Feb 2011 A
Construction:	18 Feb 2011A – 16 Jan 2012

FIND WORK ORDER: Work Order was approved by the FIND Board in June 2010.

NAME OF CONTRACTOR: Contract was awarded to BC Peabody Construction Services on 30 Dec 2010.

STATUS: The concrete pour is rescheduled for 9 November 2011 (originally scheduled for 3 November 2011). As of 7 November the formwork and reinforcing steel is almost finished and only minor details remain. The weir frames were delivered 4 November 2011 but the painting was rejected. The Contractor is having the weirs picked up and delivered to another subcontractor for repainting at no additional cost to the contract. The current completion date is 16 January 2012. However, there is a modification currently underway that will extend the completion date until 10 February 2012. Discussions have been underway to discuss how to handle material that needs to be removed from the site once the dikes are constructed, to ensure minimal disruption within the community. Will use a 3 pronged approach: a. stockpile 3,500 CY of material just outside of the disposal area dikes next to the road that leads out to Duck point, b. after trucks deliver rock to the site they will leave full of material that is needed to be removed from the site, and c. once the rock trucks are complete, any additional material will be spread along the access road.





**US Army Corps
of Engineers**
Jacksonville District

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**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
November 18, 2011**

2. WORK ACTIVITY: IWW: St. Augustine (St. Johns County)

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: Maintenance dredging in the entrance channel of the St. Augustine Inlet and associated Intracoastal Waterway (Cuts SJ-28 to SJ-30). Approximately 260,000 CY of material will be removed, down to 16-ft required depth in the entrance channel and 12-ft required depth plus 2-ft allowable over depth in the IWW. Dredge material will be placed on the beach south of the St. Augustine Inlet between monuments R-132 to R-152. Unsuitable beach quality material will be placed in the near shore between monuments R-142 to R-148. For the 2010 event, dune repair and sea oat planting/sand fence installation will be done north of monument R-131, as requested by Anastasia State Park.

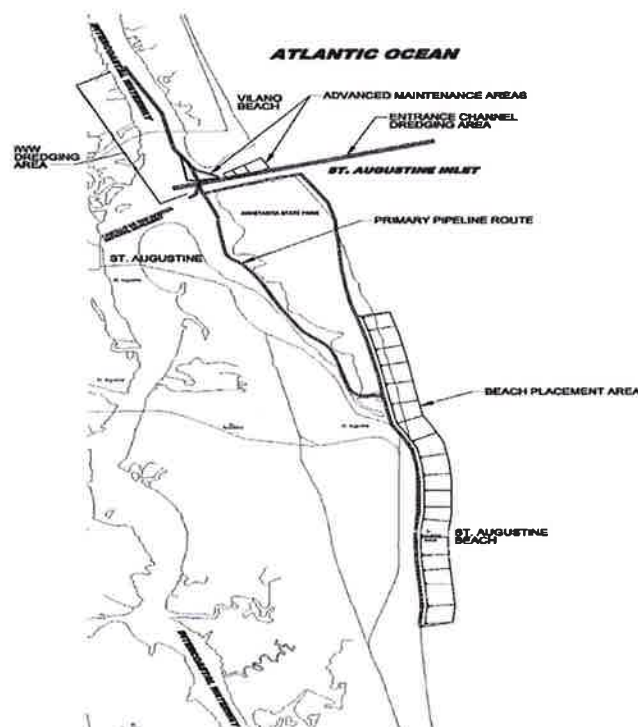
SCHEDULE:

Date we expect DEP permit:	22 Sept 2010A
Contract Advertisement Initiated:	TBD
Bid Opening:	TBD
Contract Award:	TBD
NTP Issued:	TBD
Dredging Complete:	TBD

FIND WORK ORDER: Work order was approved by the FIND Board in April 2011.

NAME OF CONTRACTOR: TBD

STATUS: There is a FP&L power line that crosses the Federal channel in an area that has not been dredged in many years. The utility locate survey identified the line and Corps staff has coordinated with FP&L. Project Manager coordinated with FIND staff and they concurred with an approach to advertise this contract with this area being an option. IF relocated in time we will award the option and have this area dredged prior to demobilization of the Contractor. If the line is not relocated in time the area will be included within the next dredge event (3-4 year interval). Project Manager is coordinating further with attorneys to make sure this is the best path forward.





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IWW STATUS UPDATE
FIND Board of Commissioners Meeting
November 18, 2011

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3. WORK ACTIVITY: IWW: Sawpit (Nassau County)

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: The effort for Sawpit includes maintenance dredging from Cuts 7 to 27C. Based on a recent hydro survey from February 2010, Cuts 7 thru 11 have approximately 150K cy of material that would go upland to DMMA DU-2 and Cuts 24 thru 27C have approximately 200K cy of beach quality material that would be placed on Amelia Island. The beach template lies between FDEP monuments R-73 to R-79.

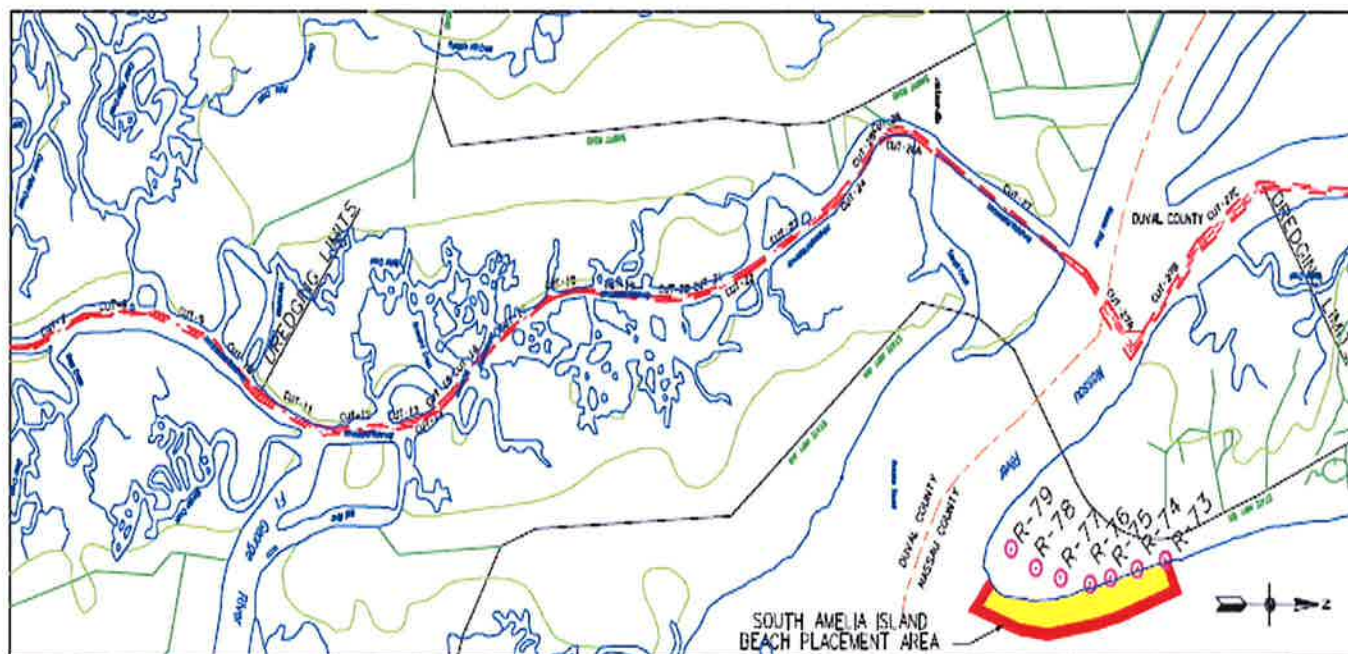
SCHEDULE:

Submit WQC permit application to DEP:	29 June 2011A
Pre Application Meeting	2 Aug 2011A
Date we expect DEP permit/NEPA:	TBD
Contract Advertisement Initiated:	TBD
Bid Opening:	TBD
Contract Award:	TBD
NTP Issued:	TBD
Dredging Complete:	TBD

FIND WORK ORDER: Work Order was approved by the FIND Board in Feb 2011 for contributed funds to complete the permit application package.

NAME OF CONTRACTOR: TBD

STATUS: Received RAI #1 from DEP. Comments were minor in nature and primarily centered around some minor comments on the permit plats and a few comments about the turbidity variance requested due to being in an aquatic preserve. Reposes were submitted back to DEP on 1 November 2011.





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**FLORIDA INLAND NAVIGATION DISTRICT
INTRACOASTAL WATERWAY
WORK ORDER No. 31-2010-03
Amendment No. 1**

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In accordance with the Memorandum of Agreement (MOA) between the Department of the Army and the Florida Inland Navigation District for acceptance of Contributed funds for the Atlantic Intracoastal Waterway, entered into on the 3rd of September 1997, as amended on October 22, 2001, by amendment number 1, Work Order Number 30-2010-03 was entered into by the parties on August 17, 2010 for the construction and construction administration of Dredge Material Management Area (DMMA) IR-2, located in Indian River County, Florida. An amendment is now required because of additional construction administration activities that have been encounter during the course of the Project.

1. Detailed Scope of Work: The Government has provided additional construction administration activities for the DMMA IR-2 Construction Project that have included the processing of 13 change orders and other additional administrative reviews of unanticipated site conditions including: the sealing of artesian wells, addressing existing stormwater ditches revealed during the stripping operation, property line issues affecting the fence layout, a property line encroachment, gate location and entry road revisions, fence crossings of additional ditches, muck areas, roots in the barrow area, and sub-contractor performance issues.

2. Funding arrangements providing for funding of obligation: Contributed funds must be received and placed in escrow in accordance with the Memorandum of Agreement, as amended.

3. The amount of funds required and available to accomplish the additional scope of work: The Corps staff costs for the additional construction and contract administration of IR-2 is \$89,000.00. The amount requested from FIND for this amendment is \$89,000.00.

All other provisions of Work Order Number 30-2010-03 which was entered into by the parties on August 17, 2010 for the construction and construction administration of Dredge Material Management Area (DMMA) IR-2, located in Indian River County, Florida shall remain in full force and effect.

THE DEPARTMENT OF THE ARMY

FLORIDA INLAND NAVIGATION
DISTRICT

BY: _____

BY: _____

Alfred Pantano
Colonel, U.S. Army
District Engineer

S. Norman Bray
Chair, FIND

DATE: _____

DATE: _____



DUVAL COUNTY PROJECT STATUS UPDATE

November 2011

Dredged Material Management Plan.

Phase I of the Dredged Material Management Plan (DMMP) for the Intracoastal Waterway in Duval County was completed in 1986. Phase II of the DMMP was completed in 1993. Land acquisition was completed in 1995. See attached maps.

The 50 year dredging projection for the 21 miles of channel in Duval County is 2.3 million cyds. and the storage projection is 4.4 million cyds. This ranks as the fifth highest dredging projection of the District's 12 counties.

Six upland Dredged Material Management Areas (DMMA) will manage dredged materials from the waterway. All sites have been purchased and 4 sites are fully constructed. DMMA DU-3 was recently cleared and grubbed for future dike reconstruction. Plans and Specifications are being prepared for the offloading of dredged materials from DMMA DU-2 which is full and is needed in 2012.

Waterways Dredging

Dredging Reach II in the vicinity of Nassau Sound is scheduled for dredging in 2012.

Waterways Economic Study

The Duval County Waterways Economic Study was completed in 2005. There are 392 waterway related businesses in Volusia County generating \$2.29 billion in annual sales, \$725 million in personal wages, and 19,394 jobs. The waterway increases the value of property in Duval County by \$1.3 billion. If the waterways were not maintained the economic output is predicted to drop by \$303 million with a loss of 3,278 jobs and \$526 million in property values. Properly maintaining the waterways would result in an increase of \$125 million in economic output and an additional 1,258 jobs. See attached map.

Waterways Assistance Program

Since 1986, the District has provided \$17.4 million in Waterways Assistance Program funding to 119 projects in the County having a total constructed value of \$35.8 million. The County, two cities, and the Port of Jacksonville have participated in the program. See attached map and project listing.

Notable projects funded include: the construction or rehabilitation of 18 saltwater boat ramps; maintenance dredging of the Arlington River, Goodby's Creek, Fishweir Creek, MetroPark Basin, Southbank Riverwalk, and the Ortega River; construction and improvements to the Metropark and Sister's Creek marinas; construction of 9 canoe launches, and; improvements to the Dames Point shoreline.

Cooperative Assistance Program



DUVAL COUNTY PROJECT STATUS UPDATE

November 2011

The District's Cooperative Assistance Program has providing funding assistance for the following projects with elements in Duval County: Florida Marine Patrol Officer Funding; Clean Marina Program; Clean Vessel Act; Manatee Acoustic Warning System, St. Johns River Boating Safety Search and Rescue and; the Inland Waterways Safety Program. The District's funding assistance for the Duval County portion of these projects was approximately \$528,000.

Interlocal Agreement Program

The District's Interlocal Agreement Program has developed the following projects with elements in Duval County: Clean Marina Program and Clean Vessel Act Program for which \$75,000.00 in District assistance was provided.

Public Information Program

The District currently prints and distributes the following brochures with specific information about Duval County waterways: Boating Safety and Manatee Protection Zone Brochure, Movable Bridge Guide, The Economic Impact of the District's Waterway and the ICW Channel Conditions Brochure.

Waterway Clean Up Program

The District has recently partnered with the County on their second cleanup project.

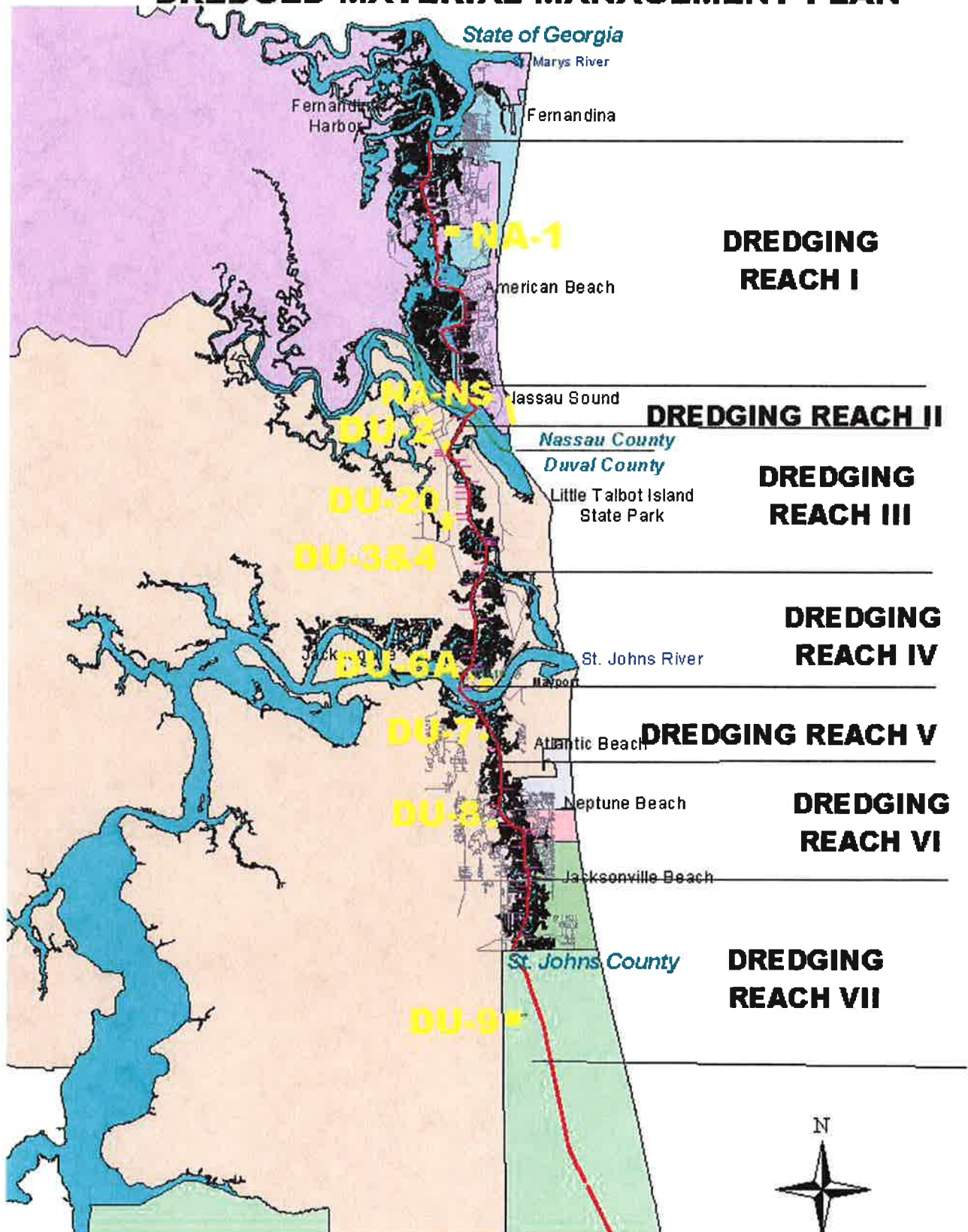
Small Scale Derelict Vessel Removal Program

One small scale derelict vessel removal project has been conducted with Duval County in the amount of \$10,000.


Small Scale Spoil Island Enhancement and Restoration Program

No applications have been received yet in Duval County.

NASSAU/DUVAL COUNTIES DREDGED MATERIAL MANAGEMENT PLAN





 FIND Owned
Channel
ICW Right-of-Way

DMMA DU-2





FIND Owned
Channel
ICW Right-of-Way

DMMA DU-3

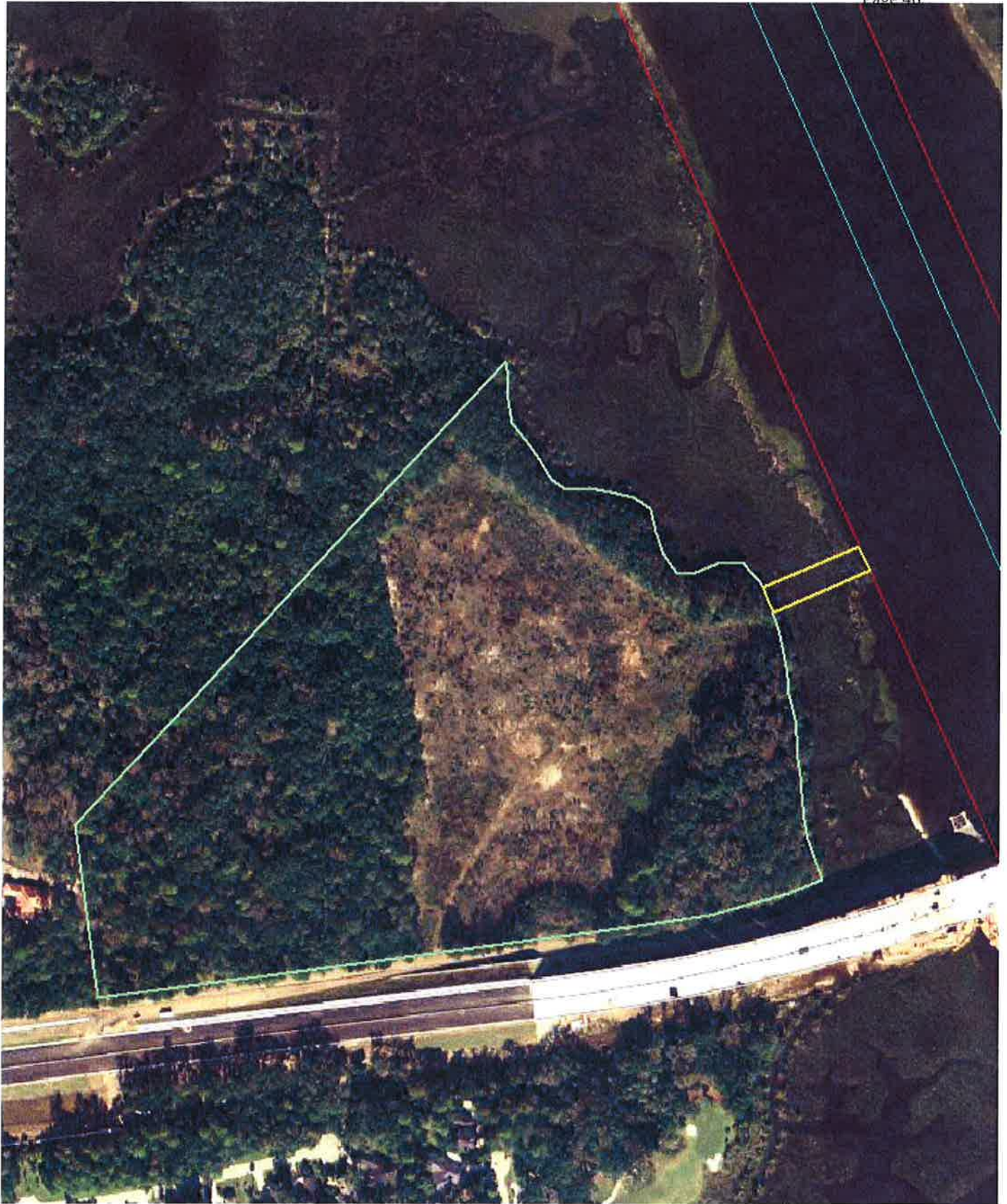








FIND Owned
Channel
ICW Right-of-Way

DMMA DU-6





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

DMMA DU-7

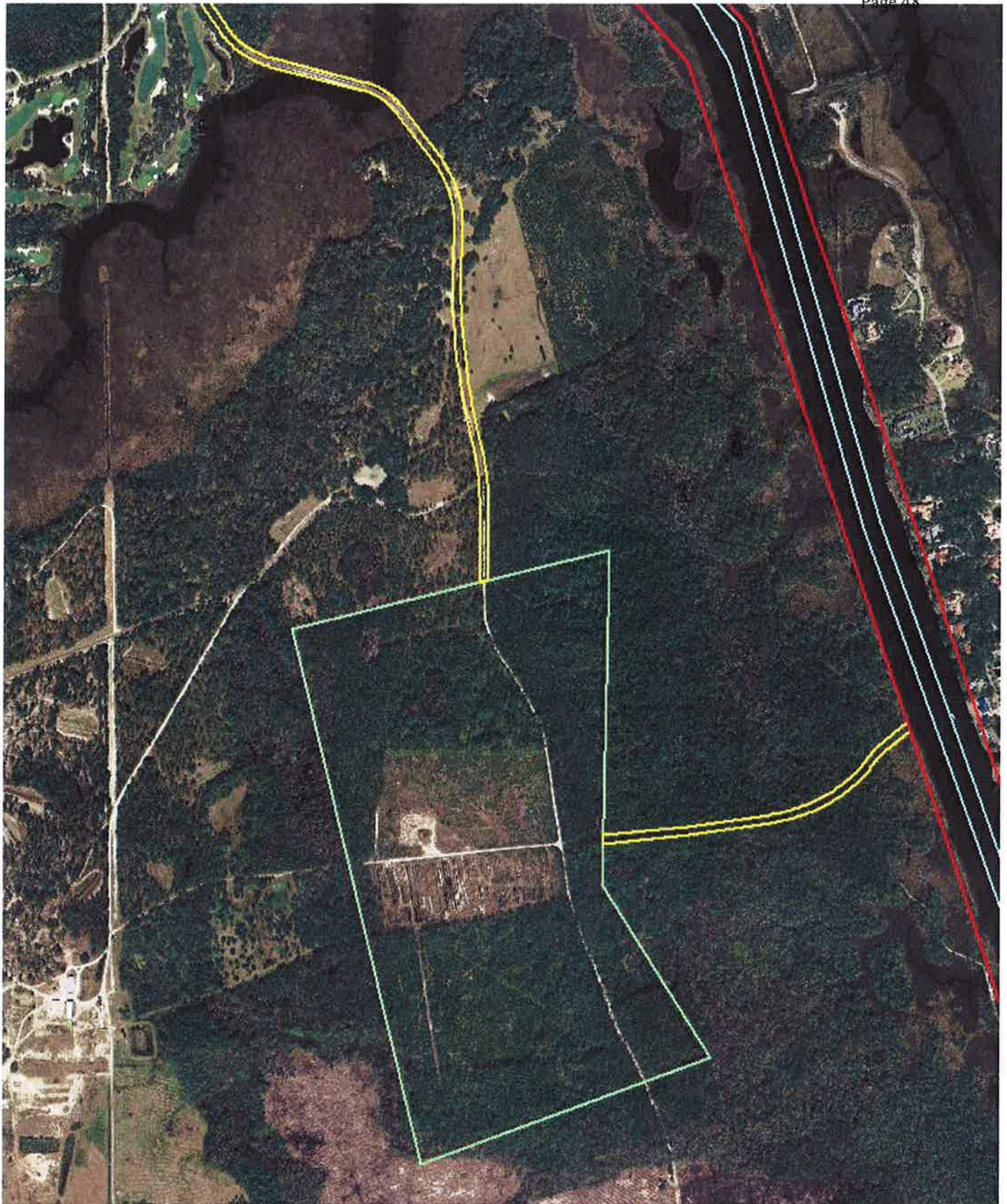




-  FIND Easement
-  FIND Owned
-  Channel
-  ICW Right-of-Way

DMMA DU-8





- ICWRRW
- Channel
- FIND Easement
- FIND Owned

DMMA DU-9



FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM PROJECTS
IN DUVAL COUNTY
1987-2011

Project Name	Project Number	Project Sponsor	Grant Amount	Total Cost
Dutton Island Park Pier Design - Phase I	DU-AB-00-43	City Of Atlantic Beach	\$10,000.00	\$20,000.00
Dutton Island - Phase I I	DU-AB-00-44	City Of Atlantic Beach	\$125,000.00	\$250,000.00
Dutton Island Park Fishing & Viewing Pier	DU-AB-01-57	City Of Atlantic Beach	\$50,000.00	\$100,000.00
Dutton Island Construction - Phase I I I	DU-AB-02-65	City Of Atlantic Beach	\$60,000.00	\$120,000.00
Tide Views Dock Extension/ Launch - Phase I	DU-AB-09-106	City Of Atlantic Beach	\$47,500.00	\$95,000.00
Tide Views Dock Extension/ Boat Launch - Phase I I	DU-AB-10-113	City Of Atlantic Beach	\$96,790.00	\$193,580.00
Intracoastal Park Development	DU-AB-95-18	City Of Atlantic Beach	\$10,000.00	\$20,000.00
Intracoastal Waterway Park	DU-AB-97-30	City Of Atlantic Beach	\$164,473.00	\$330,405.00
Dutton Island Conservation Park - Phase I	DU-AB-98-31	City Of Atlantic Beach	\$25,000.00	\$50,000.00
Arlington River Dredging - Phase I (Withdrawn)	DU-JA-00-45	City Of Jacksonville	\$32,000.00	\$64,000.00
Bert Maxwell Park - Phase I	DU-JA-00-46	City Of Jacksonville	\$60,000.00	\$120,000.00
Boat Ramp Management Plan	DU-JA-00-47	City Of Jacksonville	\$35,000.00	\$70,000.00
Dutton Island Canoe Launch - Phase I I	DU-JA-00-48	City Of Jacksonville	\$100,000.00	\$200,000.00
Educational Signage And Kiosk	DU-JA-00-49	City Of Jacksonville	\$49,500.00	\$66,000.00
Fishweir Creek Boat Ramp - Phase I (Withdrawn)	DU-JA-00-50	City Of Jacksonville	\$25,000.00	\$50,000.00
Fishweir Creek Dredging - Phase I (Withdrawn)	DU-JA-00-51	City Of Jacksonville	\$38,000.00	\$76,000.00
Mandarin Park Canoe Launch - Phase I (Expired)	DU-JA-00-52	City Of Jacksonville	\$18,000.00	\$36,000.00
Stinson Island Canoe Launch - Phase I	DU-JA-00-53	City Of Jacksonville	\$25,000.00	\$50,000.00
Southbank Riverwalk Dredge & Dock - Phase I	DU-JA-00-54	City Of Jacksonville	\$32,000.00	\$64,000.00
Marine Unit Vessels	DU-JA-00-56	City Of Jacksonville	\$91,500.00	\$122,000.00
Castaway Island Preserve - Phase I I	DU-JA-01-58	City Of Jacksonville	\$350,000.00	\$700,000.00
Charles Reece Boat Ramp Improvements- P H I (Expi	DU-JA-01-59	City Of Jacksonville	\$25,000.00	\$50,000.00
Ortega Valley Stream Canoe Launch - Phase I I	DU-JA-01-60	City Of Jacksonville	\$162,500.00	\$325,000.00
Sister's Creek Esplanade	DU-JA-01-61	City Of Jacksonville	\$185,000.00	\$370,000.00
Sister's Creek Fixed Docks	DU-JA-01-62	City Of Jacksonville	\$50,000.00	\$100,000.00
Southeast Regional Park Canoe Launch - P H I (Expir	DU-JA-01-63	City Of Jacksonville	\$25,000.00	\$50,000.00
Bert Maxwell Park - Phase I I	DU-JA-02-66	City Of Jacksonville	\$257,625.00	\$515,250.00
Goody's Creek Dredge & Channel Markers-ph I (Expi	DU-JA-02-67	City Of Jacksonville	\$25,750.00	\$51,500.00
Northbank Riverwalk Park Dolphin Mooring Lights- Ph	DU-JA-02-68	City Of Jacksonville	\$6,900.00	\$13,800.00
Ortega River Marker Dredge - Phase I	DU-JA-02-69	City Of Jacksonville	\$58,950.00	\$117,900.00
Palm's Fish Camp Docking & Ramp - Phase I	DU-JA-02-70	City Of Jacksonville	\$66,150.00	\$132,300.00
Reddie Point Preserve Docking & Ramp-ph I (Expired)	DU-JA-02-71	City Of Jacksonville	\$34,100.00	\$68,200.00
Stockton Park Boardwalk & Waterfront Plaza - Phase I	DU-JA-02-72	City Of Jacksonville	\$143,900.00	\$287,800.00
Thomas Creek Park Dock & Ramp - Phase I	DU-JA-02-73	City Of Jacksonville	\$42,850.00	\$85,700.00

FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM PROJECTS
IN DUVAL COUNTY
1987-2011

Arlington River Dredge - Phase I I (Expired)	DU-JA-03-74	City Of Jacksonville	\$209,220.00	\$261,000.00
Southbank Riverwalk Dredge - Phase I I	DU-JA-03-75	City Of Jacksonville	\$271,512.00	\$301,680.00
Stinson Park - Phase I I	DU-JA-03-76	City Of Jacksonville	\$232,806.00	\$465,612.00
Stockton Park Waterfront - Phase I I	DU-JA-03-77	City Of Jacksonville	\$162,000.00	\$364,000.00
Marine Unit Vessel	DU-JA-03-78	City Of Jacksonville - Sheri	\$48,000.00	\$96,000.00
Castaway Island Preserve Dredge - Phase I (Expired)	DU-JA-04-79	City Of Jacksonville	\$41,250.00	\$55,000.00
Charles Reece Boat Ramp - Phase I I (Expired)	DU-JA-04-80	City Of Jacksonville	\$187,500.00	\$375,000.00
Mandarin Park Boat Ramp - Phase I I	DU-JA-04-81	City Of Jacksonville	\$82,000.00	\$164,000.00
Palms Fish Camp Boat Ramp - Phase I I	DU-JA-04-82	City Of Jacksonville	\$382,250.00	\$764,500.00
Ortega River Marker Dredge - Phase I I	DU-JA-04-83	City Of Jacksonville	\$255,670.00	\$350,000.00
Intracoastal Boat Ramp - Phase I & I I	DU-JA-05-84	City Of Jacksonville	\$100,000.00	\$200,000.00
Michael Scanlon Boat Ramp - Phase I & I I (Withdrawn)	DU-JA-05-85	City Of Jacksonville	\$200,000.00	\$400,000.00
Reddie Point - Phase I I	DU-JA-05-86	City Of Jacksonville	\$600,000.00	\$1,200,000.00
St. John's Marina Dock	DU-JA-05-87	City Of Jacksonville	\$100,000.00	\$200,000.00
Goodby's Creek Dredge - Phase I I	DU-JA-06-89	City Of Jacksonville	\$812,171.00	\$1,082,895.00
Mandarin Park Boat Ramp Parking - Phase I & I I	DU-JA-06-90	City Of Jacksonville	\$21,250.00	\$42,500.00
Palmetto Leaves Regional Park - Phase I I	DU-JA-06-91	City Of Jacksonville	\$230,500.00	\$461,000.00
Palm's Fish Camp (Boat Ramp) Acquisition	DU-JA-06-92	City Of Jacksonville	\$131,500.00	\$263,000.00
Sisters' Creek Marina Canoe Launch - Phase I	DU-JA-06-93	City Of Jacksonville	\$30,000.00	\$60,000.00
Sister's Creek Floating Dock & Pump-out Station - Ph.	DU-JA-07-100	City Of Jacksonville	\$75,000.00	\$150,000.00
Alimacani Boat Ramp Shore Stabilization - Phase I	DU-JA-07-94	City Of Jacksonville	\$54,250.00	\$108,500.00
Joe Calucci Boat Ramp Renovation - Phase I	DU-JA-07-95	City Of Jacksonville	\$48,750.00	\$97,500.00
Intracoastal Whwy. Boat Ramp Parking Acq. (Terminat	DU-JA-07-96	City Of Jacksonville	\$633,000.00	\$1,000,000.00
Lighthouse Marine Boat Ramp Extension-ph 1 (Withdr	DU-JA-07-97	City Of Jacksonville	\$54,250.00	\$108,500.00
Metropolitan Park Marina Electric Upgrades	DU-JA-07-98	City Of Jacksonville	\$450,000.00	\$900,000.00
Palms Fish Camp Additional Parking	DU-JA-07-99	City Of Jacksonville	\$117,250.00	\$234,500.00
Castaway Island Preserve Dredge - Phase I I	DU-JA-08-101	City Of Jacksonville	\$400,000.00	\$800,000.00
Harborview Boat Ramp Upgrades	DU-JA-08-102	City Of Jacksonville	\$34,500.00	\$69,000.00
Intracoastal Whwy. Boat Ramp Parking Acq. (Terminat	DU-JA-08-103	City Of Jacksonville	\$267,000.00	\$534,000.00
Michael Scanlon Boat Facility Renovation	DU-JA-08-104	City Of Jacksonville	\$220,000.00	\$440,000.00
Sisters Creek Canoe Launch - Phase I I	DU-JA-08-105	City Of Jacksonville	\$75,000.00	\$150,000.00
Alimacani Shoreline Stabilization - Phase I I	DU-JA-09-107	City Of Jacksonville	\$400,000.00	\$800,000.00
Arlington River Dredge - Phase I (Terminated)	DU-JA-09-108	City Of Jacksonville	\$75,000.00	\$150,000.00
Jacksonville Zoo Dock Extension - Phase I	DU-JA-09-109	City Of Jacksonville	\$90,000.00	\$180,000.00
Mandarin Park Parking Lot Addition	DU-JA-09-110	City Of Jacksonville	\$225,000.00	\$450,000.00
Trout River Fishing Bridge - Phase I	DU-JA-09-111	City Of Jacksonville	\$100,000.00	\$200,000.00

FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM PROJECTS
IN DUVAL COUNTY
1987-2011

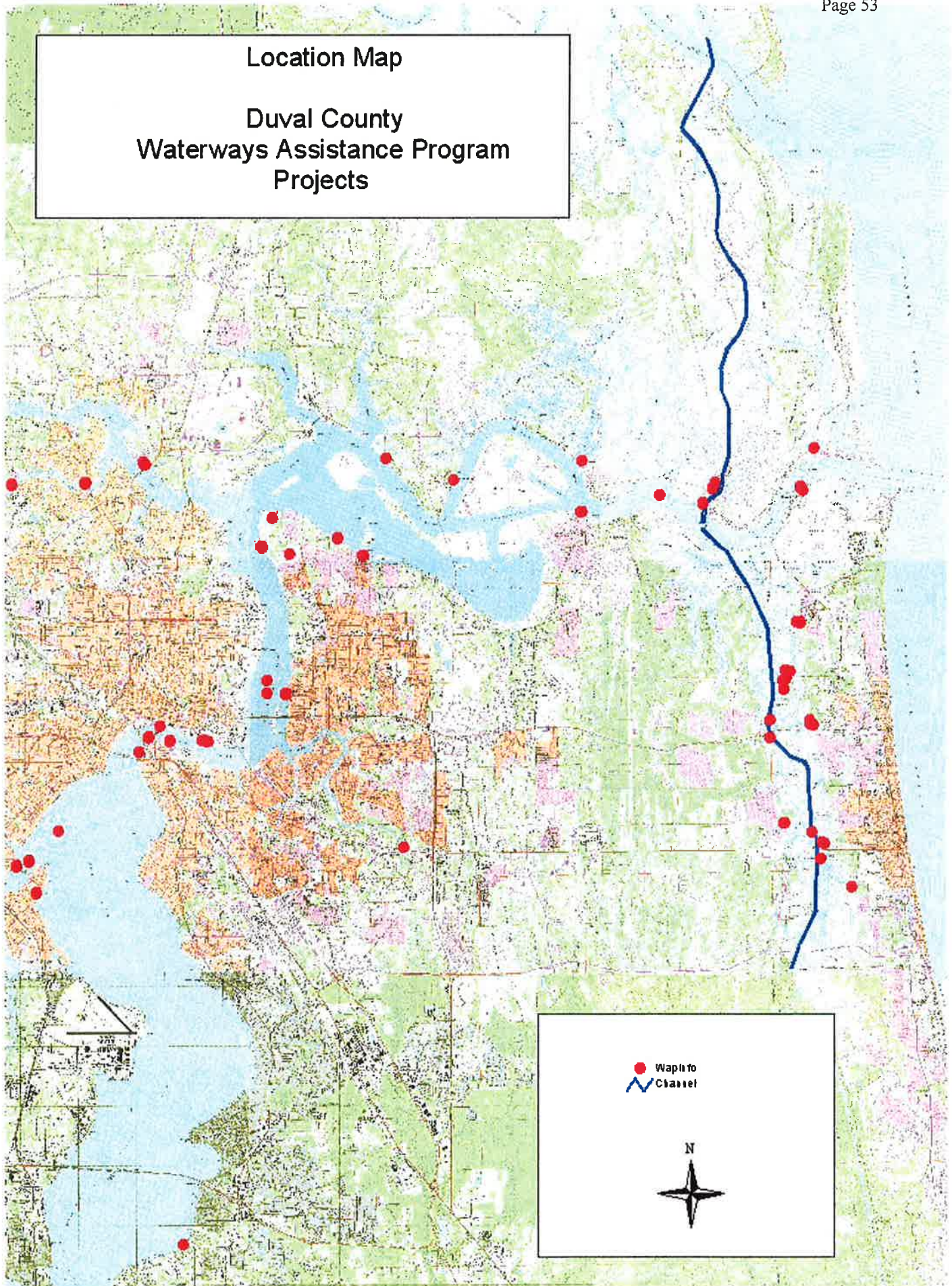
Improvements & Repairs of Four (4) Boat Ramps	DU-JA-1	City of Jacksonville	\$250,000.00	\$500,000.00
Harborview Restroom - Phase I I	DU-JA-10-114	City Of Jacksonville	\$175,000.00	\$350,000.00
Joe Carlucci Boat Ramp - Phase I I	DU-JA-10-115	City Of Jacksonville	\$225,000.00	\$450,000.00
Mayport Boat Ramp - Phase I	DU-JA-10-116	City Of Jacksonville	\$60,000.00	\$120,000.00
Sisters Creek Docks & Pump-out - Phase I I	DU-JA-10-117	City Of Jacksonville	\$270,000.00	\$540,000.00
Ortega River Mooring Field - Phase I	DU-JA-11-118	City Of Jacksonville	\$100,000.00	\$200,000.00
Trout River Pier, South End - Phase I I	DU-JA-11-119	City Of Jacksonville	\$323,000.00	\$646,000.00
Sisters Creek Boat Ramp	DU-JA-87-2	City of Jacksonville	\$141,382.00	\$282,764.00
Oak Harbor and ICW Boat Ramp	DU-JA-88-3	City of Jacksonville	\$237,000.00	\$475,750.00
Mandarin Park Boat Ramp	DU-JA-89-4	City of Jacksonville	\$300,000.00	\$600,000.00
T.K. Stokes Boat Ramp	DU-JA-89-5	City of Jacksonville	\$100,000.00	\$200,000.00
Metropolitan Park Docking	DU-JA-90-6	City of Jacksonville	\$282,000.00	\$564,000.00
Metropolitan Park Docking Facility	DU-JA-91-7	City of Jacksonville	\$450,000.00	\$900,000.00
Arlington Road Boat Ramp	DU-JA-92-8	City of Jacksonville	\$35,000.00	\$70,000.00
Mayport Boat Ramp	DU-JA-92-9	City of Jacksonville	\$125,000.00	\$250,000.00
Minimum Wake - Waterway Signs	DU-JA-93-10	City Of Jacksonville	\$15,000.00	\$30,000.00
Bert Maxwell Park - Phase I	DU-JA-93-11	City Of Jacksonville	\$38,000.00	\$76,000.00
Hood Landing Boat Ramp - Phase I	DU-JA-93-12	City Of Jacksonville	\$10,000.00	\$20,000.00
Lonnie Wurn Boat Ramp - Phase I	DU-JA-93-13	City Of Jacksonville	\$13,500.00	\$27,000.00
Mayport Boat Ramp - Phase I	DU-JA-93-14	City Of Jacksonville	\$30,000.00	\$60,000.00
Metropolitan Park	DU-JA-93-15	City Of Jacksonville	\$201,349.00	\$403,008.00
Oak Harbor Boat Ramp - Phase I	DU-JA-93-16	City Of Jacksonville	\$10,000.00	\$20,000.00
Metropolitan Park Docking Facility	DU-JA-94-17	City Of Jacksonville	\$579,635.00	\$1,159,270.00
Mayport Boat Ramp - Phase I I	DU-JA-95-19	City Of Jacksonville	\$233,092.00	\$466,184.00
Lonnie Wurn Boat Ramp - Phase I I	DU-JA-95-20	City Of Jacksonville	\$159,020.00	\$318,040.00
Bert Maxwell Park - Phase I I	DU-JA-95-21	City Of Jacksonville	\$108,500.00	\$217,000.00
Oak Harbor Boat Ramp - Phase I I	DU-JA-95-22	City Of Jacksonville	\$82,000.00	\$164,000.00
Wayne B. Stevens Boat Ramp Park	DU-JA-96-24	City Of Jacksonville	\$11,860.00	\$23,720.00
Wayne B. Stevens Area Dredging - Phase I	DU-JA-96-25	City Of Jacksonville	\$18,200.00	\$36,400.00
Dinsmore Boat Ramp Park	DU-JA-96-27	City Of Jacksonville	\$95,530.00	\$191,060.00
Lighthouse Marine Boat Ramp Park	DU-JA-96-28	City Of Jacksonville	\$278,817.00	\$557,634.00
Lonnie Wurn Fishing Pier	DU-JA-97-29	City Of Jacksonville	\$23,467.50	\$46,935.00
Lighthouse Marine Boat Ramp Park Restroom	DU-JA-98-32	City Of Jacksonville	\$30,000.00	\$60,000.00
Wayne B. Stevens Area Dredging - Phase I I	DU-JA-98-33	City Of Jacksonville	\$384,930.00	\$769,860.00
Sisters Creek Marina	DU-JA-98-34	City Of Jacksonville	\$302,500.00	\$605,000.00
Jacksonville Zoo Dredge - Phase I (Withdrawn)	DU-JA-98-35	City Of Jacksonville	\$31,500.00	\$63,000.00

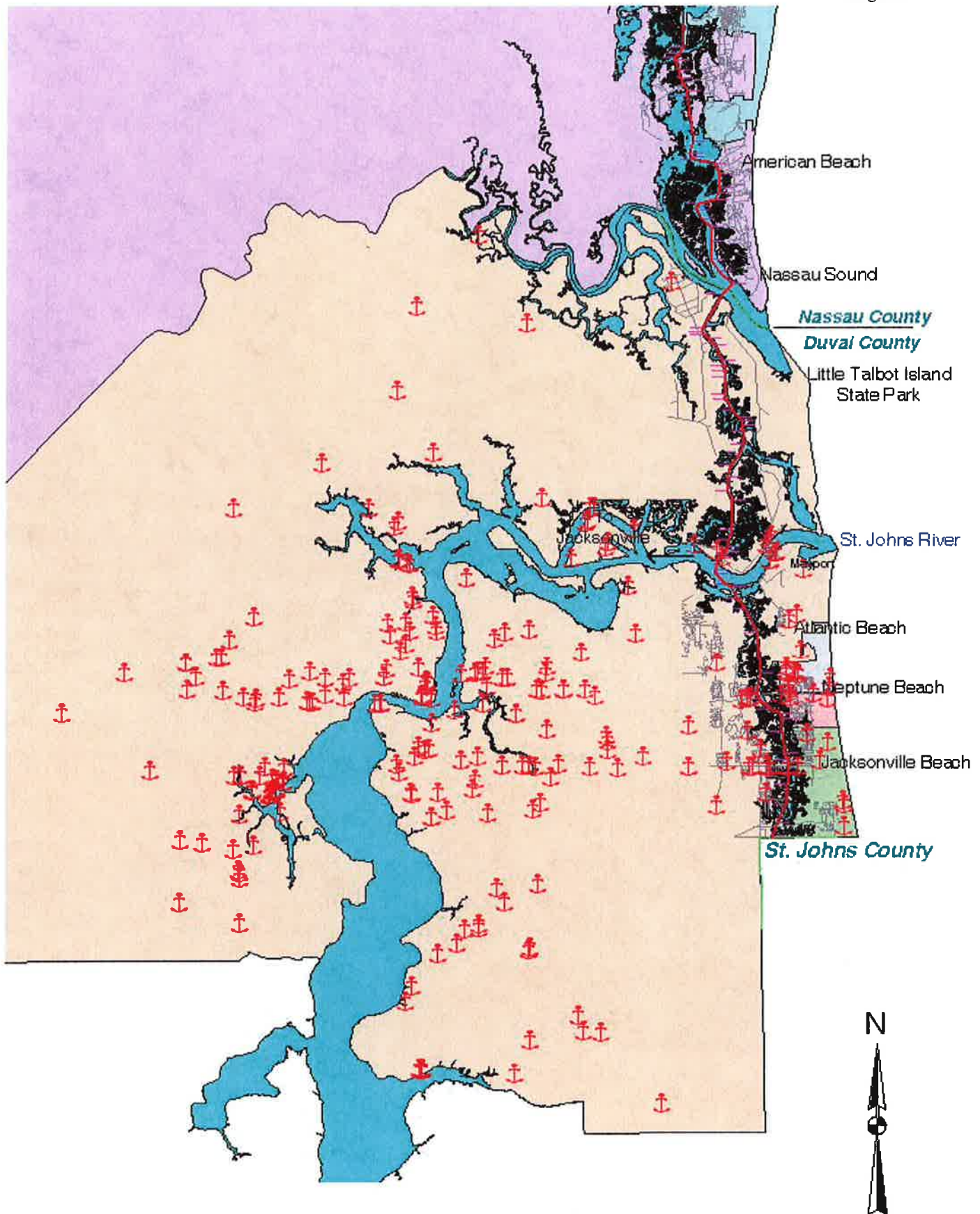
FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM PROJECTS
IN DUVAL COUNTY
1987-2011

Blue Cypress Park Fishing Pier And Boardwalk	DU-JA-98-36	City Of Jacksonville	\$82,500.00	\$165,000.00
Dutton Island Canoe Launch - Phase I	DU-JA-99-37	City Of Jacksonville	\$21,000.00	\$43,000.00
Westside Regional Canoe Launch - Phase II (Withdrawn)	DU-JA-99-38	City Of Jacksonville	\$179,500.00	\$359,000.00
Metro Park Marina Maintenance Dredging	DU-JA-99-39	City Of Jacksonville	\$270,000.00	\$300,000.00
Jacksonville Zoo Channel Dredging - Ph I I (Withdrawn)	DU-JA-99-40	City Of Jacksonville	\$301,500.00	\$335,000.00
J.S.O. Marine Patrol Unit Vessel	DU-JA-99-41	City Of Jacksonville	\$52,500.00	\$70,000.00
Ortega Stream Valley Canoe Launch - Phase I	DU-JA-99-42	City Of Jacksonville	\$32,000.00	\$64,000.00
Davis Island Boardwalk & Fishing Pier - Phase I	DU-JB-00-55	City Of Jacksonville Beach	\$5,340.00	\$10,680.00
Davis Island Boardwalk & Fishing Pier	DU-JB-01-64	City Of Jacksonville Beach	\$25,890.00	\$51,780.00
Cradle Creek Preserve - Phase I I	DU-JB-05-88	City Of Jacksonville Beach	\$296,470.00	\$592,940.00
Mile Point - Phase I	DU-JPA-09-112	Jacksonville Port Authority	\$300,000.00	\$2,400,000.00
Dames Point Shoreline Stabilization	DU-JPA-96-23	Jacksonville Port Authority	\$200,000.00	\$2,000,000.00
			\$17,442,099.50	\$35,813,927.00

Location Map

Duval County Waterways Assistance Program Projects





Duval County Marine Related Businesses

V O R Miami, Inc.

2801 SW 31st Avenue, Suite 2B
Miami, Florida 33133 USA
305/476-2076
www.volvooceanracemiami.org

November 4, 2011

Mr. David K. Roach
Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477-9498

Re: Miami Stopover of the Volvo Ocean Race 2011-2012

Dear David:

Thank you for the opportunity last Friday to address the Public Relations Committee meeting, as well as the other Commissioners and staff in attendance, regarding FIND's participation in next May's Miami stopover of the Volvo Ocean Race. My volunteer colleagues organizing the stopover are extremely gratified by the Committee's recommendation to partner with our not-for-profit organization in the amount of \$15,000 for a set of services that will enhance the District's Community Outreach Program. With an estimated footfall of more than 250,000 in Bicentennial Park, this is an excellent opportunity for FIND to showcase its critical investment in Miami's waterfront public spaces to taxpayer residents and visitors alike.

In response to suggestions made during the Committee meeting discussion, we would propose the following partnership service components for consideration at the monthly Board meeting on November 18:

1. FIND will be designated as a Port Sponsor for the event.
2. Immediate posting of FIND's logo, as well as a live link to FIND's website, on our stopover website, www.volvooceanracemiami.org.
3. Inclusion of an article prepared by FIND, on a topic of its choice, in our stopover newsletter.

MIAMI: North America's only host port of the global Volvo Ocean Race, May 2012

4. Prominent display on site, for the two-week duration of the event, of FIND's kiosk currently under construction, as well as inclusion of FIND collateral materials at the Race Village information booth.
5. Prominent and professionally created signage will be installed near the water's edge for the duration of the event, to read: "Bicentennial Park Seawall Restoration and Bollard Installation made possible by a generous grant from the Florida Inland Navigation District" (or as modified by FIND).
6. Acknowledgment of FIND's past support in our future grant applications, where appropriate. (We intend to compete again to be a stopover host port for future editions of the Volvo Ocean Race.)

Please do not hesitate to contact me if you have any questions or if you require any additional information.

Sincerely,

Eston Melton

cc: T. Spencer Crowley, Esq.

MIAMI: North America's only host port of the global Volvo Ocean Race, May 2012

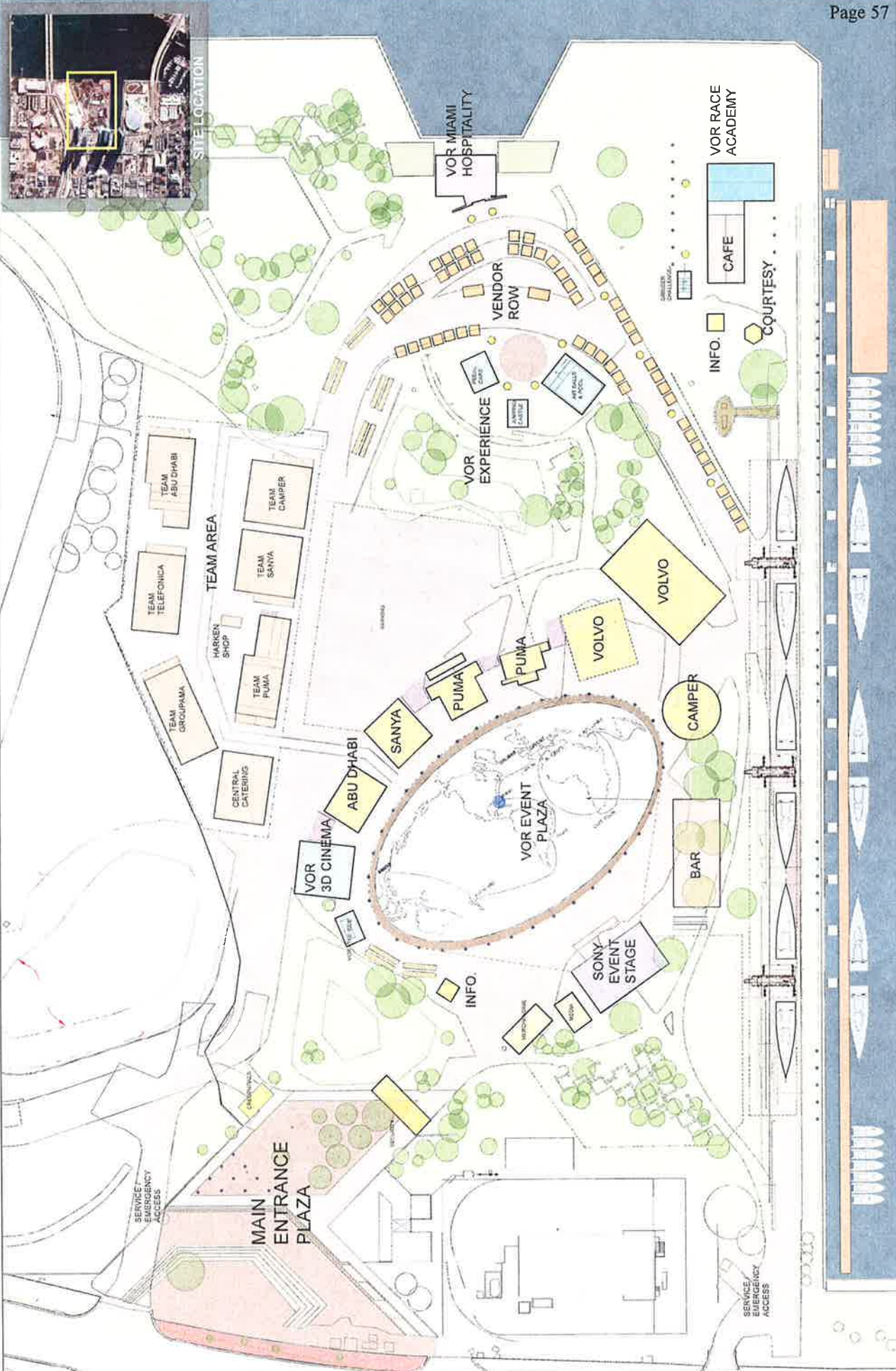
12/10/2011

MA
M.A. 12/10/2011

SITE PLAN IN PROGRESS
MAMMOET
Miami, Florida
United States

VOLVO OCEAN RACE 2011-2012 MAMI STOPOVER
Miami, Florida
United States

VOLVO OCEAN RACE
MAMMOET
Miami, Florida
United States



November 7, 2011

Mr. David K. Roach
Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477

Re: FIND Work Order No. 10-03 Addendum Request
Dania Cutoff Canal Deepening Construction Administration

Dear Mr. Roach:

Per your request, Taylor Engineering has prepared the following Work Order 10-03 Addendum Request and Cost Proposal (Attachment A) for the upcoming Construction Administration of the Dania Cutoff Canal Deepening project. Attachment B provides the original FIND Work Order.

As detailed in Attachment B, Task 4 *Dredging Construction Administration Services* anticipated a six-month construction period (five months of construction and one month of mobilization and demobilization). Due to an in-depth review of expected production rates and the Port Everglades 90-day requirement to limit the retention time of dredged material on the upland DMMA site, Taylor Engineering extended the anticipated construction timeline from six months (180 days) to nine months (270 days) in the final bid package. Consequently, extending the construction timeline for the DCC portion of the project increased the level of effort (Table 1) required to complete Task 4 subtasks No. 2, 3, 4, and 8.

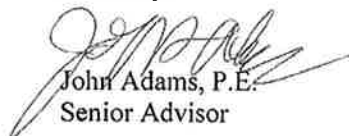
Table 1. Updated Level of Effort for Task 4 Subtasks

Sub Task No.	Description	Original Level of Effort (180 days)	Revised Level of Effort (270 days)
2	Twice-a-week Project Engineer site visits	43 visits	67 visits
3	Twice-a-month Engineer of Record site visits	10 visits	16 visits
4	Scheduling and preparing for additional onsite progress meetings	10 meetings	16 meetings
8	Reviewing and approving additional monthly pay applications	6 payment applications	9 payments applications

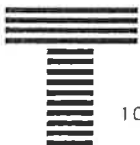
Due to the uncertainty of the total construction period, Taylor Engineering will perform the additional Task 4 services on a time and materials basis for an amount not to exceed of \$47,669.00.

If you have any questions concerning this request, please contact Lori Brownell, P.E. or me.

Sincerely,


John Adams, P.E.
Senior Advisor

Attachments



**SCOPE OF PROFESSIONAL CONSTRUCTION ADMINISTRATION SERVICES
DANIA CUTOFF CANAL DEEPENING
FIND WORK ORDER NO. 10-03 ADDENDUM REQUEST
(DUE TO SCOPE OF SERVICES MODIFICATIONS)**

ATTACHMENT A
Cost Proposal

ATTACHMENT A

TAYLOR ENGINEERING, INC.
COST SUMMARY BY TASK
P2011-216: FIND WORK ORDER NO. 10-03 ADDENDUM REQUEST

Task 1: EXTENDED CONSTRUCTION ADMINISTRATION TIMELINE

<i>Labor</i>	Hours	Cost	Task Totals
Senior Advisor	9.0	1,575.00	
Senior Professional	152.0	19,456.00	
Project Professional	192.0	20,544.00	
Administrative	39.0	2,145.00	
Total Man-Hours	392.0		
Labor Cost			43,720.00
<i>Non-Labor</i>	Units	Cost	
Car Rental and fuel (JAX)	6.0	750.00	
Hotel	6.0	600.00	
Meals	6.0	150.00	
Car Rental and fuel (WPB)	24.0	1,560.00	
TWIC Fee	4.0	530.00	
Non-Labor Cost		3,590.00	
Fee @ 10.0%		359.00	
Total Non-Labor Cost			3,949.00
<i>Total Task 1</i>			47,669.00

Project Total \$ 47,669.00

**SCOPE OF PROFESSIONAL CONSTRUCTION ADMINISTRATION SERVICES
DANIA CUTOFF CANAL DEEPENING
FIND WORK ORDER NO. 10-03 ADDENDUM REQUEST
(DUE TO SCOPE OF SERVICES MODIFICATIONS)**

**ATTACHMENT B
FIND WO 10-03**

P2009-228
C2005-076-05**DISTRICT ENGINEERING SERVICES
WORK ORDER NUMBER 10-03**

In accordance with the District Engineer Agreement dated August 26, 1997, as amended on October 24, 1998, October 22, 1999, February 24, 2001, January 25, 2002, January 24, 2003, January 29, 2004, February 19, 2005, March 1, 2006, December 9, 2006, December 13, 2007 and December 23, 2009 the Florida Inland Navigation District hereby directs services to be performed under the Agreement as follows:

CONTRACTOR: Taylor Engineering, Inc.

DESCRIPTION OF WORK TO BE PERFORMED:

Construction Administration, Final Plans and Specifications, Bidding Assistance and Supervision Services for the Dania Cutoff Canal Deepening Project.

START DATE: TBD

SCHEDULED COMPLETION DATE: N/A

WORK ORDER AMOUNT: A cost plus maximum fee of \$234,810.00 in accordance with the scope of services and fee proposal dated March 8, 2010 which is attached as Attachment A.

APPROVALS:



District Executive Director



Taylor Engineering Project Manager

Date of Final Signature: 4/1/2010

TAYLOR ENGINEERING INC

ATTACHMENT A

REC'D *K*

MAR 11 2010

FLORIDA INLAND
NAVIGATION DISTRICT

March 8, 2010

Mr. David K. Roach
Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477

Re: Utility Location, Final Plans and Specifications, Bidding Assistance, Construction Administration, and Permit Certification --- Broward County Deepening Project (Dania Cutoff Canal)

Dear Mr. Roach,

Taylor Engineering has prepared a detailed scope of services (Attachment A) and cost summary (Attachment B) for the following services:

- Task 1: Utility Location Service
- Task 2: Final Plans and Specifications
- Task 3: Bid Assistance
- Task 4: Dredging Construction Administration Services
- Task 5: Final Project Certification

Taylor Engineering will complete the work described herein for a cost plus maximum fee of \$234,810. Of this amount, \$27,200 represents fees for our subconsultant, Sea Diversified, Inc., for on-site verification of submerged utilities and an updated bathymetric survey within the project area. Sea Diversified's work will include researching available utility crossing information, performing a magnetometer survey, and verifying utility location by dive operations, as necessary. Taylor Engineering selected Sea Diversified based on review of three solicited qualification/bid submittals.

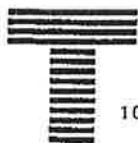
We appreciate this opportunity to serve the FIND. Please contact me if you have questions or comments.

Sincerely,

John Adams
John Adams, P.E.
Senior Advisor, Waterfront Engineering

:rir

Enclosures



ATTACHMENT A

- SCOPE OF SERVICES -**Utility Location, Final Plans and Specifications, Bidding Assistance, Construction Administration, and Permit Certification — Broward County Deepening Project (Dania Cutoff Canal)****INTRODUCTION**

This scope of services describes Taylor Engineering's proposed additional engineering services in support of a proposed project to deepen the Dania Cutoff Canal in Broward County, Florida. The deepening project would excavate the canal to a depth of -17 feet (ft) mean low water (MLW), representing a -15 ft MLW project depth with an additional 2 ft of allowable overdepth dredging. The project area begins at the western edge of the Port Everglades property about 3,750 ft southwest of the canal's intersection with the Intracoastal Waterway (ICWW) and extends west about 4,500 ft to the eastern edge of the U.S. Highway 1 Bridge over the canal.

TASK 1 – UTILITY LOCATION SERVICES

Taylor Engineering will subcontract Sea Diversified, Inc. to provide on-site verification of submerged utilities and an updated bathymetric survey within the project area. Sea Diversified's work will include researching available utility crossing information, performing a magnetometer survey, and verifying utility location by dive operations, as necessary.

1.1 Project Planning and Research of Available Utility Crossing Information

Sea Diversified will perform a desktop study to establish the extent and location of known utility crossings within the limits of the project area. Using available as-built records, Sea Diversified will superimpose the reported location of the utilities on base maps created by Taylor Engineering. This study will include a formal request for utility as-built records from entities including but not limited to the following:

- Florida Power & Light (FPL)
- BellSouth (phone)
- Comcast Cable (cable)
- Public Utilities (natural gas)
- FIND and county utilities (water and sewer)

Taylor Engineering will provide FIND with copies of the augmented base maps for review and comments before initiating the field data collection efforts described below.

1.2 Field Data Collection**1.2.1 Magnetometer Survey**

Sea Diversified will conduct a magnetometer survey within the described limits of the Dania Cutoff Canal. The magnetometer data will help identify and map features of ferrous composition, either buried in or projecting above the seafloor, including submerged cables and pipelines and other submerged items pertinent to the channel-deepening project. Sea Diversified will collect data along transects oriented parallel with the channel alignment and spaced at intervals no greater than 25 ft. Sea Diversified will establish transects as required to collect data throughout the entire width of the waterway from shoreline to shoreline. Sea

ATTACHMENT A

Diversified will collect additional data along transects oriented perpendicular to the channel, specifically at bridge locations within the project limits or at known or marked utility crossings.

1.2.2 Side-Scan Sonar Survey

Concurrent with the magnetometer survey, Sea Diversified will conduct a side-scan sonar survey of the waterway at each project location to identify and map exposed cables or other utilities that may lie on the bottom. This data will assist in the processing of the magnetometer data and specifically aid in the horizontal mapping of submerged cables and pipelines. The side-scan sonar survey will also assist in the identification of other features projecting above the seafloor such as rock outcrops, riprap material, manmade debris, or other submerged items that may affect the project. The intent of the system is to achieve 100% seafloor coverage within the described limits of the survey with sufficient overlap to maximize the operator's ability to classify features detected from the sensor.

Upon completion of the field survey, Sea Diversified will translate digital images to a fully geo-referenced mosaic overlaid with the charts produced from the magnetometer survey. Sea Diversified will map and classify features of interest. Maps will include notes identifying features of unknown or questionable classification for subsequent diver verification, if necessary.

1.2.3 Multi-beam Bathymetric Survey

Concurrent with the magnetometer and side-scan sonar survey, Sea Diversified will collect multi-beam bathymetric data along the navigation channel to update the May 2006 bathymetric survey used for planning and permitting. The intent of the system is to achieve 100% coverage of the proposed limits of dredging.

1.2.4 Diver Verification Survey

Isolated anomalies – identified by the analysis of magnetometer and side scan surveys – may warrant diver verification. This scope of work does not include the cost for diver verification to resolve isolated anomalies. Upon completion of the field data collection activities described above, Taylor Engineering will provide the FIND an estimate of projected time and costs associated with the dive operations to investigate anomalies. Taylor Engineering will provide these costs on a per utility or lump sum fee basis for the total field effort. The rate for dive operations (\$5,000 per day) does not include the cost of preparing a detailed dive report, which will depend on the quantity of anomalies in question. Taylor Engineering will provide the cost to prepare the report as part of the negotiated lump sum fee for the dive operations.

Following the results of field investigation described above, Taylor Engineering and Sea Diversified staff will meet with the FIND to discuss the findings and to develop a strategy to address any identified anomalies, the possible relocation of utilities within the project boundary, and possible impacts to the project related to debris. Taylor Engineering will then provide the FIND with a cost estimate of the projected time and costs associated with implementing the agreed upon strategies before the development of final plans and specifications (Task 2) outlined below.

TASK 2 – FINAL PLANS AND SPECIFICATIONS**2.1 Dredging Template and Dredge Quantities**

Taylor Engineering will develop three-dimensional AutoCAD-based digital terrain models of the project area that incorporate the new bathymetric survey data to develop a new dredging template for the project. Taylor Engineering will update the Dania Cutoff Canal dredging template construction drawings (plan,

ATTACHMENT A

profile, and detail views) performed under the original scope of services for this project. Taylor Engineering will compute updated dredge quantities based on the updated Dania Cutoff Canal dredging template construction drawings.

2.2 Engineering Design and Construction Drawings

Taylor Engineering will prepare a final design for a temporary dredged material management area (DMMA) at Port Everglades. This task includes a full day site visit for two people to Port Everglades. We will also prepare DMMA construction drawings (plan, profile, and detail views) to include in the Dania Cutoff Canal construction drawings performed under the original scope of services for this project. Taylor Engineering will provide construction plans in appropriate hardcopy and digital (AutoCAD) formats, signed and sealed by a Florida Registered Professional Engineer.

2.3 Specifications

Taylor Engineering will prepare comprehensive technical specifications for the project and submit both hardcopy and digital formats to the FIND. This task includes time for limited editing (eight staff-hours) of the FIND contract specifications template for consistency with the technical specifications.

Taylor Engineering will revise the draft documents as required based on FIND's review and comments, and submit to the FIND two electronic (PDF format files on individual compact discs) and 15 hardcopies of the final construction documents — plans and specifications signed and sealed by a registered Professional Engineer.

TASK 3 – BID ASSISTANCE

Upon completion of Tasks 1 and 2, Taylor Engineering will provide the FIND with support services during a qualifications based bidding and dredging contractor selection process. Taylor Engineering will prepare and provide a master copy of bid packages to the FIND, clarify and interpret the project documents, and prepare addenda, as required. Taylor Engineering's Engineer of Record and a project engineer will attend the mandatory pre-bid meeting near the project site or in another location as directed by the FIND. At this meeting, a project engineer and Engineer of Record will answer questions concerning elements of the project for which Taylor Engineering is responsible and manage any addenda items to the previously released construction drawings and technical specifications.

Taylor Engineering's Engineer of Record will attend and observe the bid opening. Taylor Engineering will assist with bid review and provide the FIND with a written recommendation for contractor selection based on the provided qualifications. Taylor Engineering's review of bid documents will focus on contractors' technical qualifications and excludes review of contractors' financial or contractual arrangements and other non-technical issues.

TASK 4 – CONSTRUCTION ADMINISTRATION AND OBSERVATION

This task includes the following sub-tasks:

- Pre-Construction Meeting
- Twice-a-week Project Engineer site visits (43 visits)
- Twice-a-month Engineer of Record site visits (10 visits)
- Scheduling and preparing for weekly onsite progress meetings
- Problem Resolution site visits (two visits)

ATTACHMENT A

- Preparing up to two change order directives
- Reviewing and approving contractor submittals
- Reviewing and approving up to six monthly pay applications

During the anticipated six-month project period (five months of construction and one month for mobilization and demobilization), Taylor Engineering will help the FIND administer the construction contract from offices in Jacksonville and West Palm Beach, and from the project site. In-office duties will include reviewing the contractor's shop drawings and submittals, reviewing progress pay applications, providing oversight of the work progress, and assisting with the preparation of change orders, if required. Additionally, should unexpected problems arise outside of these meetings, we will attend up to two problem resolution meetings on site and up to two meetings via teleconference.

Taylor Engineering will remain available through construction to provide advice and consultation to the FIND through site visits and teleconference. In that role, we will address questions pertaining to engineering, design, permitting issues, and any proposed changes to project design.

Taylor Engineering's project engineers will make two weekly visits to the project site to ascertain whether work is preceding in general conformance with permit conditions, and project plans and specifications. Our visits will include observation of the work and of the contractor's means, methods, and sequence. Taylor Engineering will ensure general conformance with the project contract, plans, specifications, and environmental permits, the contractor's labor and equipment, daily summary of events, and the contractor's representative and inspector's signature. These reports will constitute a weekly log of construction progress.

To ensure compliance with the project conditions, Taylor Engineering will observe bi-weekly (two days a week) the contractor's activities including, but not limited to, the following:

- Maintenance of current construction schedule
- Provision of submittals on time and in proper format
- Protection of land (fuel and oil, work areas) and water (pollution prevention) resources
- Protection of air resources (minimize particulates)
- Control of noise pollution
- Assurance of quality control procedures (to produce an end product that meets contract requirements)
- Designation of employee parking
- Maintenance of onsite bulletin board, project sign, and project safety sign
- Maintenance of project site security
- Cleanup of waste and debris

Taylor Engineering will attend onsite weekly project meetings to discuss project progress and address questions pertaining to engineering, design, permitting issues, proposed changes to the project design, and any conflicts. Attendees will include representatives from the construction contractor and its sub-consultants, and Taylor Engineering as required. The progress meeting agenda will generally include review of minutes of previous meetings, work progress since the previous meeting, current definable features of work (i.e., construction schedule, submittal register, reviewing testing, changes to construction schedule, site safety, maintain contract quality for materials and workmanship, pending modifications, changes and substitutions), and other business, as appropriate. The Engineer of Record will attend at least two onsite meeting monthly and provide management review and quality control/quality assurance oversight during this task.

ATTACHMENT A

Taylor Engineering will notify the FIND of any permit violations, work stoppages, or conflicts and recommend to the FIND ways to resolve these issues. However, we will not direct the contractor's means and methods of construction. Taylor Engineering is not responsible for jobsite safety.

TASK 5 – PROJECT CLOSEOUT AND FINAL CERTIFICATION

This task includes the following sub-tasks:

- Developing preliminary and final punch lists
- Certifying substantial completion of the project
- Reviewing/certifying release of lien
- Attending pre-final and final observation and closeout meetings
- Conducting final review/acceptance of field data
- Certifying final completion of the project

Once the FIND receives from the contractor a request to certify the project substantially complete, Taylor Engineering will visit the project site to make a determination of the degree of completion. If we cannot certify substantial completion, we will develop preliminary and final punch lists of items for the contractor to complete or correct. With concurrence from the FIND, we will transmit this list to the contractor. Upon completion of outlined items, we will certify the project substantially complete. Taylor Engineering has budgeted for two on-site meetings during this stage of the project.

Taylor Engineering will collect and review the following information from the contractor before project closeout:

- Final waiver and release of lien from all sub-contractors and suppliers
- Final pay application
- Post-construction/as-built survey
- Final contractor certification
- Final contractor affidavit

Taylor Engineering will help the FIND coordinate permit-related submittals. Following completion of the project, Taylor Engineering will prepare and submit to the FIND a complete set of contract documents. Taylor Engineering will also prepare and submit to the FDEP a statement of completion and a certification in accordance with the FDEP permit requirements.

– END SCOPE OF SERVICES –

TAYLOR ENGINEERING, INC.
 COST SUMMARY BY TASK
 P2009-228: FIND BROWARD CO. DEEPENING (DANIA CUTOFF CANAL)

TASK 1: Utility Location Services

<i>Labor</i>	<i>Hours</i>	<i>Cost</i>	<i>Task Totals</i>
Senior Advisor	8	1,344.00	
Senior Professional	18	2,214.00	
Staff Professional	12	996.00	
Senior Technician	4	348.00	
Staff Technician	24	1,536.00	
Administrative Support	5	265.00	
Total Man-Hours	71		
Labor Cost			6,703.00
<i>Non-Labor</i>	<i>Units</i>	<i>Cost</i>	
Car Rental and fuel (R/T Jax-FIND)	1.0	125.00	
Hotel (person nights)	2.0	250.00	
Meals (person days)	2.0	90.00	
Reproductions	1.0	25.00	
1, Sidescan, Bathy Surveys (Sea Diversified)	1.0	27,200.00	
Non-Labor Cost		27,690.00	
Fee @ 10.0%		2,769.00	
Total Non-Labor Cost			30,459.00
Total Task 1			37,162.00

TASK 2: Final Plans and Specifications

<i>Labor</i>	<i>Hours</i>	<i>Cost</i>	<i>Task Totals</i>
R. Bruce Taylor, Ph.D.	2	580.00	
Senior Advisor	10	1,680.00	
Director	6	894.00	
Senior Professional	136	16,728.00	
Staff Professional	144	11,952.00	
Senior Editor	6	570.00	
Senior Technician	16	1,392.00	
Staff Technician	120	7,680.00	
Administrative Support	22	1,166.00	
Total Man-Hours	462		
Labor Cost			42,642.00
<i>Non-Labor</i>	<i>Units</i>	<i>Cost</i>	
Car Rental and fuel (R/T Jax-FIND)	1.0	125.00	
Hotel (person nights)	2.0	250.00	
Meals (person days)	2.0	90.00	
Reproductions (aerial base maps)	1.0	25.00	
Draft Con Doc (Reproducible)	2.0	100.00	
Draft Spec Doc (Reproducible)	2.0	100.00	
Final Spec& Con Doc (Electronic)	2.0	20.00	
Final Spec Doc (Reproducible)	15.0	750.00	
Final Con Doc (Reproducible)	15.0	750.00	
Non-Labor Cost		2,210.00	
Fee @ 10.0%		221.00	
Total Non-Labor Cost			2,431.00
Total Task 2			45,073.00

P2009-228: FIND BROWARD CO. DEEPENING (DANIA CUTOFF CANAL)

TASK 3: Bid Assistance

<i>Labor</i>	<i>Hours</i>	<i>Cost</i>	<i>Task Totals</i>
R. Bruce Taylor, Ph.D.	1	290.00	
Senior Advisor	5	840.00	
Senior Professional	34	4,182.00	
Staff Professional	52	4,316.00	
Senior Editor	4	380.00	
Senior Technician	4	348.00	
Staff Technician	24	1,536.00	
Administrative Support	12	636.00	
Total Man-Hours	136		
Labor Cost			12,528.00
<i>Non-Labor</i>	<i>Units</i>	<i>Cost</i>	
Reproductions	1.0	25.00	
Car Rental and fuel (R/T Jax-FIND)	1.0	125.00	
Hotel (person nights)	2.0	250.00	
Meals (person days)	2.0	90.00	
Non-Labor Cost		490.00	
Fee @ 10.0%		49.00	
Total Non-Labor Cost			539.00
Total Task 3			\$ 13,067.00

TASK 4: Dredging Construction Administration Services

<i>Labor</i>	<i>Hours</i>	<i>Cost</i>	<i>Task Totals</i>
R. Bruce Taylor, Ph.D.	7	2,030.00	
Senior Advisor	56	9,408.00	
Senior Professional	216	26,568.00	
Staff Professional	561	46,563.00	
Senior Editor	18	1,710.00	
Senior Technician	68	5,916.00	
Staff Technician	20	1,280.00	
Administrative Support	126	6,678.00	
Total Man-Hours	1,072		
Labor Cost			100,153.00
<i>Non-Labor</i>	<i>Units</i>	<i>Cost</i>	
Car Rental and fuel (R/T Jax-FIND)	12.0	1,500.00	
Hotel (person nights)	12.0	1,500.00	
Meals (person days)	12.0	540.00	
Reproductions	10.0	250.00	
Car Rental and fuel (R/T WPB-Site)	45.0	2,925.00	
Meals (person days)	45.0	2,025.00	
Non-Labor Cost		8,740.00	
Fee @ 10.0%		874.00	
Total Non-Labor Cost			9,614.00
Total Task 4			\$ 109,767.00

P2009-228: FIND BROWARD CO. DEEPENING (DANIA CUTOFF CANAL)

ATTACHEMENT B

TASK 5: Final Project Certification

<i>Labor</i>	<i>Hours</i>	<i>Cost</i>	<i>Task Totals</i>
R. Bruce Taylor, Ph.D.	2	580.00	
Vice President	2	380.00	
Senior Advisor	21	3,528.00	
Senior Professional	78	9,594.00	
Staff Professional	132	10,956.00	
Senior Editor	4	380.00	
Senior Technician	2	174.00	
Staff Technician	24	1,536.00	
Administrative Support	30	1,590.00	
Total Man-Hours	295		
Labor Cost			28,718.00
<i>Non-Labor</i>	<i>Units</i>	<i>Cost</i>	
Car Rental and fuel (R/T Jax-FIND)	2.0	250.00	
Hotel (person nights)	4.0	500.00	
Meals (person days)	4.0	180.00	
Non-Labor Cost		930.00	
Fee @ 10.0%		93.00	
Total Non-Labor Cost			1,023.00
Total Task 5			\$ 29,741.00

Project Total \$ 234,810.00