

PRELIMINARY AGENDA

FLORIDA INLAND NAVIGATION DISTRICT Board of Commissioners Meeting

9:00 a.m., Friday, November 16, 2012

**Casa Marina Hotel
691 N. 1st Street
Jacksonville Beach, Duval County, Florida.**

Item 1. Call to Order.

Vice-Chair Kavanagh will call the meeting to order.

Item 2. Pledge of Allegiance.

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

Item 4. Roll Call.

Secretary Blow 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 19, 2012 Legislative Comm. Meeting (see back up pages 6 - 10)
- October 19, 2012 Finance & Budget Comm. Meeting (see back up pages 11 - 13)
- October 19, 2012 Board Meeting (see back up pages 14 - 39)
- October 19, 2012 Land Acq. & Mgmt. Comm. Meeting (see back up pages 40 - 42)

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. Additionally, Work Order No. 36-2012-03 for the maintenance dredging of the IWW at Sawpit in Nassau/Duval Counties is presented for approval.

(see back up pages 43 – 50)

RECOMMEND Approval of Work Order No. 36-2012-03 with the Corps in the amount of \$5,710,100.00 for the maintenance dredging, construction administration and supervision services for IWW Sawpit in Nassau/Duval Counties.

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 51 - 68)

Item 11. Presentation on Unmanned Automated Vehicles.

Commissioner Bowman has invited Dr. Kamran Mohenshi who is the Director of the University of Florida's Institute for Networked Autonomous Systems to give a presentation of Unmanned Automated vehicles.

(see back up pages 69 - 74)

Item 12. Preparation of Construction Documents and Construction Administration for the Crossroads Dredging Project, Martin County.

A recent District survey has shown shoaling in the Intracoastal and Okeechobee Waterways at the Crossroads in Martin County. Deep draft boats are currently experiencing problems in the Okeechobee Waterway at lower tides. DMMA M-5 is currently being offloaded to regain capacity for these dredged materials and dredging is proposed to initiate when the offloading project is completed in May. Staff requested a scope of services and fee quote from the District Engineer to prepare plans and specifications, provide bid assistance, and provide construction administration for this dredging project.

(see back up pages 75 - 82)

RECOMMEND Approval of the scope of services and fee quote in the maximum amount of \$159,457.50 from Taylor Engineering for the Preparation of Construction Documents and Construction Administration for the Crossroads Dredging Project.

Item 13. Utility Locate Survey for the Broward Intracoastal Waterway Deepening Project.

Staff requested a scope of services and fee quote from our approved southern surveying company for a utility locate survey for the Broward IWW Deepening Project.

(see back up pages 83 - 87)

RECOMMEND Approval of the scope of services and fee quote from Morgan & Eklund in the amount of \$19,240.00 for a utility locate survey of the Broward IWW Deepening Project area.

Item 14. Bathymetric Survey of the IWW from Cross Bank to Big Spanish Channel in the Florida Keys, Monroe County.

Because of reports of shoaling in the Intracoastal Waterway in the Florida Keys, the Board approved funding in the budget for a bathymetric of this section of the waterway. There has never been a survey of the section of the waterway and its location is only defined by channel markers not survey data. The goal of the project is to document any shoaling in the channel and determine if the channel markers are appropriately set to mark best water. The survey will be provided to the Coast Guard for marker adjustment as necessary.

Staff has also been working with Everglades National Park on this project as their eastern park boundary is a line established by the waterway channel location. They will also be retaining our surveyor to determine their in water park boundary during this project.

Staff requested a scope of services and fee quote from our approved southern surveying company for this project.

(see back up pages 88 – 89A)

RECOMMEND Approval of the scope of services and fee quote from Morgan & Eklund in the amount of \$68,045.00 for a bathymetric survey of the IWW in Florida Keys.

Item 15. Holiday Boat Parade Agreements.

In accordance with the Boards approval at the last meeting for the provision of funding for holiday boat parades, staff and legal counsel have developed a standard agreement. Additionally, staff has developed a policy for the provision of this funding which incorporates the items mentioned by commissioners at the last meeting.

(see back up pages 90 - 93)

RECOMMEND Approval of the policy and standard agreement for holiday boat parades.

Item 16. Presentation on Federal and State Public Contract Bonding Laws.

Peter Breton prepared a comparison of federal and state public contract bonding laws. Recent changes in Florida's public contract bonding law now closely mimics the Federal law and eliminates our ability to require lien releases from all sub-contractors prior to final payment as we previously have done. Attorney Breton will present his review on this matter.

(see back up pages 94 - 96)

Item 17. Travel and Per Diem Resolution Correction.

In 2010, the Board adopted the current Travel and Per Diem Resolution regarding the reimbursement of travel expenses by commissioners, staff and consultants. The District's auditor noted that the executed resolution was different in the reimbursable cost for breakfast than what was approved by the Board. Staff has developed Resolution No. 2012-07 to correct this error.

(see back up pages 97 - 100)

RECOMMEND Approval of Resolution No. 2012-07.

Item 18. 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 19. 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 20. Additional Staff Comments and Additional Agenda Items.

Item 21. Additional Commissioners Comments.

Item 22. Adjournment.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Legislative Committee Meeting

8:20 a.m., Friday, October 19, 2012

The Riverside Hotel

620 East Las Olas Boulevard

Ft. Lauderdale, Broward County, Florida

ITEM 1. Call to Order.

Chair Freeman called the meeting to order at 8:20 a.m.

ITEM 2. Roll Call.

Assistant Executive Director Mark Crosley called the roll and Chair Freeman, Commissioner Blow, Commissioner Chappell, and Commissioner Sansom were present. Mr. Crosley stated that a quorum was present.

ITEM 3. Additions or Deletions.

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

Commissioner Blow made a motion to approve the final agenda as presented. The motion was seconded by Commissioner Chappell. Chair Freeman asked if there was any further discussion, hearing none, took a vote and the motion passed.

ITEM 4. Washington D.C. Report.

Mr. Roach stated that Congress is in recess until November 13th. He stated that before adjourning, Congress passed a continuing resolution (CR) that will fund the

Federal government operation programs but, will not provide funding for the Intracoastal Waterway.

Mr. Roach referred to a recent National Science Council Report about the U. S. Army Corps of Engineers and how they could do better project delivery. He noted that FIND was mentioned in that report because one of the recommendations to the Corps was that to get the job done, they should do more partnerships, and we were singled out as an example on how to have a better partnership with the locals to get the job done.

ITEM 5. Agreement Renewal with Alcalde and Fay.

Mr. Roach stated that the District has retained the services of Alcalde and Fay since 2002 for governmental relation services at the federal level. He stated that the current agreement expires at the end of October and the renewal will provide an additional two years of services at the same rate as before. He stated that it is to be noted that although the Board approved a rate of \$9,000 per month for the last year of the current agreement, Alcalde continued to bill the previous rate of \$8,500.00 per month for the last year. He noted that since 2002, FIND projects have received approximately \$26 million in additional funding not budgeted by the Administration.

Mr. Roach stated that because of the earmark ban FIND has not been receiving as much funding from Congress as we have previously. He stated that staff believes that the District needs a presence in Washington D. C. for at least the next few years. He stated that he likes working with Mr. Davenport and feels that the firm does a good job.

Commissioner Sansom made a motion to approve a recommendation to the full Board of the agreement renewal with Alcalde and Fay for an additional two years at

\$8,500.00 per month. The motion was seconded by Commissioner Blow. Chair Freeman asked for discussion.

Commissioner Blow stated that Alcalde and Fay have obtained a combined total of \$31 million in ten years for the District and, at a cost of approximately \$100,000.00 per year, they cost the District 3.3% and he feels that is a justified and fair investment.

Commissioner Sansom stated that the original 2002 contract with Alcalde and Fay was \$5,000.00 per month and he noted that they have been slowly raising their fee. He stated that when the District was obtaining additional funding that was good. He stated that he is hopeful that the earmark ban will soon be over. He noted that Alcalde and Fay works well with the Florida delegation and he agrees with staff the District needs the presence in Washington.

Commissioner Blow referred to the agreement as asked if the District can cancel it with thirty days' notice. Mr. Roach answered yes.

Chair Freeman stated that during her visit to Washington the access that Alcalde and Fay provided Commissioners to the District's representatives was impressive.

Chair Freeman asked if there was any further discussion, hearing none, took a vote and the motion passed.

ITEM 6. Additional Staff Comments and Additional Agenda Items.

A. Discussions with the Governor's Office of Economic Opportunity.

Mr. Roach stated that the committee directed staff to coordinate with the Governor's Office of Economic Opportunity to see if they could provide the District assistance to obtain more project funding from Congress. He stated that he sent an e-mail to the Governor's office and received an immediate telephone call back from that

office. He stated that the conversation was good, but the bottom line is that the Governor and the Governor's Office of Economic Opportunity do not lobby Congress and she was unclear as to how their office could help FIND. He stated that during the conversation staff asked her to think about it and suggested that the District put together a delegation to meet with her and discuss the issue. He stated that before we meet, we need to formulate what FIND needs from the Governor's office.

Commissioner Colee suggested that the District include other interested or affected parties in this meeting such as the local and state Marine Industries Association. He stated that we should develop and pursue that this is an economic story for Florida that provides jobs, economic growth, and a long term strategy.

Commissioner Sansom stated that our Governor does not like the Federal government handing out money that the rest of us don't use. He stated that it is important to follow along the lines as presented by Commissioner Colee. He stated that perhaps we should form a steering committee comprised of people outside of the District that believe that the Atlantic Intracoastal Waterway (IWW) could cease to exist because of lack of funding at the federal level. He asked staff to develop a list of industries that have an interest in the economics of the IWW.

Commissioner Kavanagh asked what the state government can do to help the District. Commissioner Sansom stated that the State of Florida has a full time office in Washington that works on state issues and they could fully engage with the District's Washington representatives to focus on the federal funding that was promised for the IWW.

Commissioner Sansom also suggested contacting the Chamber of Commerce to get them involved in this. He stated that FIND was created from an initiative by the Florida Chamber of Commerce to revitalize the waterway.

B. Presentation to the Corps' Coastal Engineering Research Board.

Mr. Roach stated that the committee talked about making a presentation to the Corps' Coastal Engineering Research Board, which recently met in Jacksonville. He stated that Commissioner Bowman represented the District and made a presentation at that meeting. He stated that the Coastal Engineering Research Board is comprised of all the Corps' generals and high level advisors. He stated that people in attendance included locals and Washington Corps' people.

Commissioner Bowman stated it was a good meeting with some fascinating presentations that provided an opportunity to meet and network with these officials. He stated that the history of ports and other briefing papers have been posted on line and asked staff to provide that information to commissioners.

ITEM 7. Commissioners Comments.

Chair Freeman asked if there were any additional Commissioner Comments.

ITEM 8. Adjournment.

Chair Freeman stated that hearing no further business the meeting was adjourned at 8:44 a.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Finance and Budget Committee Meeting

8:46 a.m., Friday, October 19, 2012

The Riverside Hotel

620 East Las Olas Boulevard

Ft. Lauderdale, Broward County, Florida

ITEM 1. Call to Order.

Chair Chappell called the meeting to order at 8:46 a.m.

ITEM 2. Roll Call.

Assistant Executive Director Mark Crosley called the roll and Chair Chappell, Commissioner Bowman, Commissioner Freeman, Commissioner Kavanagh, and Commissioner Sansom were present. Mr. Crosley stated that a quorum was present.

ITEM 3. Financial Statements for August of 2012.

Chair Chappell presented the District's financial statements for August of 2012 and asked for any questions.

Commissioner Freeman referred to the commissioner per diem requests and asked about the timeframe that those reports are due. Chair Chappell stated within ninety days.

Commissioner Freeman made a motion to approve a recommendation to the full Board of the financial statements for August of 2012. The motion was seconded by Commissioner Kavanagh. Chair Chappell asked for any additional discussion, hearing none a vote was taken and the motion passed.

ITEM 4. August 2012 Expenditure and Project Status Reports.

Chair Chappell presented the Expenditure and Project Status Report for August 2012 and asked if there were any questions. There were none.

ITEM 5. Auditor's Engagement Letter for the FY 2011-2012 Audit.

Mr. Roach stated that the District's current audit firm, Berger, Toombs, Elam, Gaines & Frank, has submitted an engagement letter for the FY 2011-2012 financial audit with a proposed cost of \$28,000.00 which is the same as the last two years. He stated that, if the engagement letter is approved, this will be the fourth year that Berger et al. will have performed our audit. He noted that the Board has generally agreed to change audit firms every five years.

Mr. Roach stated that, if the Board does not approve the engagement letter, the Auditor Selection Committee will advertise a Request for Qualifications for a new audit firm. He reminded the Board that by state law, audit firms are selected by their qualifications and then their fees are negotiated.

Commissioner Sansom asked if they have charged the same fee from the beginning. Mr. Roach answered no and stated that they started at approximately \$26,000.00 four years ago and they have had one increase to \$28,000.00. He stated that once we paid them an additional \$6,000.00 to perform a separate Federal audit and review of our FEMA funding and federal grants that we received.

Commissioner Sansom asked if there should be some savings because the audit firm is familiar with the District's books. Mr. Roach stated that they may not spend as much time trying to determine how everything fits together, but they spend more time auditing specific expenses and performing a more detailed audit.

Commissioner Freeman stated that as she recalls, this audit firm found some items that our previous audit firm missed and these items helped streamlined our processes and she is grateful for that attention to detail.

Commissioner Sansom asked if we could ask the auditor to spend more time on a particular item to streamline or improve a process. Mr. Roach stated we can do that and noted that last year we requested the auditor to spend more time on our travel expenses.

Commissioner Sansom made a motion to approve a recommendation to the full Board to accept the Engagement Letter from Berger, Toombs, Elam, Gaines & Frank for the FY 2011-2012 audit and a request to help streamline or improve our process. The motion was seconded by Commissioner Freeman. Chair Chappell asked for any additional discussion, hearing none a vote was taken and the motion passed.

ITEM 6. Delegation of Authority Report.

Chair Chappell referred to the Executive Director's Delegation of Authority actions and stated that four actions were taken from, September 3, 2012 through October 9, 2012 and he asked for questions. There were none.

ITEM 7. Additional Agenda Items or Staff Comments.

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

ITEM 8. Additional Commissioners Comments.

Chair Chappell asked if there were any additional Commissioner comments.

ITEM 9. Adjournment.

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

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Board of Commissioners Meeting

9:05 a.m., Friday, October 19, 2012

The Riverside Hotel

620 East Las Olas Boulevard

Ft. Lauderdale, Broward County, Florida

ITEM 1. Call to Order.

Chair Colee called the meeting to order at 9:05 a.m. He welcomed Ms. Zimmerman and stated that we are glad to have her on board.

ITEM 2. Pledge of Allegiance.

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

ITEM 3. Roll Call.

Secretary Blow called the roll and Chair Colee, Vice-Chair Kavanagh, Treasurer Chappell, Commissioner Bowman, Commissioner Crowley, Commissioner Cuzzo, Commissioner Freeman, Commissioner Netts, and Commissioner Sansom were present. Secretary Blow stated that a quorum was present.

ITEM 4. Consent Agenda.

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

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

ITEM 5. Additions or Deletions.

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

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

ITEM 6. Board Meeting Minutes.

Chair Colee asked if there were any comments or questions regarding the Board Meeting Minutes.

Secretary Blow referred to the September 14th Personnel Committee Meeting minutes and stated that he asked a question of Ms. Zimmerman that is not included in the minutes and that he would like the question and Ms. Zimmerman's answer added to the minutes. Mr. Roach stated that staff will make that addition into the minutes and then bring the changes back in November under the Consent Agenda.

Mr. Crosley referred to the Board Meeting minutes, page 48, and stated that it should read Chair Netts.

Chair Colee referred to the Final Tax and Budget Hearing Meeting minutes, page 67, and stated that it should read, "can be considered for additional funding next year."

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

ITEM 7. Public Comments.

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

ITEM 8. Comments from the U.S. Army Corps of Engineers.

Mrs. Shelley Trulock, the Intracoastal Waterway (IWW) Project Manager with the U.S. Army Corps of Engineers, stated that the outstanding items on the DMMA IR-2 project are the completion of mowing the facility and assurance that the Sea Oxeys Daisies have established and will survive in the mitigation area. She stated that the projected deduction from the contract is \$11,200.00 to fulfill these two items and that funding will be returned to FIND to complete the work. She stated that FIND staff has provided an estimate of \$7,700.00 to mow the project area and \$3,500.00 to replant the daisies in Zone A. She stated that there is a chance that the contractor will want to finish this project, but he will be encouraged to proceed with this deductive modification. She stated that we need to wrap this up and it is hopeful that in approximately 2-3 weeks this deductive modification will be completed.

Mrs. Trulock stated that the site as built is currently underway and we are proceeding towards officially closing out this project.

Mrs. Trulock referred to the non-payment of two suppliers to the contract and stated that it has been reported that Manhattan Kraft was holding a retainage from South Florida Excavating. She stated that the prime contractor has been putting pressure on

Manhattan Kraft to release this funding in an effort to correct this nonpayment issue. She stated that federal contract law does not provide an avenue to force a second tier sub-contractor to pay suppliers within a given timeframe. Mr. Crosley stated that Mr. Smith, one of the sub-contractors that were not paid, has e-mailed the District office stating that he has been paid.

Secretary Blow asked if BC Peabody, the prime contractor, responded in writing as to why these sub-contractors were not paid. Commissioner Cuzzo stated everybody has been paid and noted that they settled for 90 cents on the dollar. Secretary Blow asked if they are happy with this settlement amount. Commissioner Cuzzo stated that they are as happy as they can be for settling for 90 cents on the dollar.

Commissioner Bowman inquired about a previous work history with BC Peabody and asked if the Corps could prevent them from working on another District project. Mrs. Trulock stated that this was the first federal project we have done with this contractor. She stated that she spoke with Corps contracting staff about this and inquired how this relates to rating the prime contractor. She noted that they did not have the answer at this time. She commented that the prime contractor could have done some things better and they could have done some things worse. She stated that some of the problems were communication issues between their field staff and the Corps' field staff. She stated that at the end of the day we do have a good project. She stated that we will be meeting soon to close out and rank this contractor.

Mr. Roach concurred that the quality of the project is good. He stated that BC Peabody is a small disabled veteran contractor. He stated that there were some problems

because of the amount of sub-contractors, who were really running the project and that did cause some issues.

Commissioner Freeman stated that the District should not be drawn into a problem with a sub-contractor not getting paid when we have paid the Corps to complete the project. Mr. Crosley stated that the Corps Jacksonville Contracting Division, Mrs. Trulock, and he participated in a conference call regarding this issue. He stated that contracting did not have any specific solutions for us. He stated that the Corps has a detailed contracting system that is applied equally nationwide. He stated that he does feel that we recognize the problem even though we do not currently have a solution.

Mrs. Trulock referred to the Miller Act and noted that it limits the amount of influence that the federal government has to help any contractor that works under the prime contractor.

Chair Colee stated that it is incumbent upon the small business owner to handle these contracts in a way to protect themselves because it is not up to the District to handle these incidents. He stated that it is possible that we did not have to involve ourselves in this incident and noted that sometimes it just takes time for these things to work themselves through the system.

Attorney Breton stated that it is incumbent on any sub-contractor or material supplier that is working on a federal contract to understand the Miller Act, the limitation of the Miller Act, where they are on the pecking order. He stated that contractors should take the steps necessary to protect themselves.

Secretary Blow stated that he feels that he has a responsibility to protect the citizens of the State of Florida and suggested that a notice be added to the project sign

stating that the Florida Inland Navigation District is not responsible for payment and that this is a federal project. He stated that these contractors are used to operating under Florida's Mechanic Lien Law and they need to know that this is a federal project and they need to familiarize themselves with the federal regulations and the Miller Act.

Commissioner Cuozzo stated that what he has learned from this is that the federal process is fundamentally flawed. He stated that when a contractor only has to do five percent of the work to be awarded a contract, he is just pushing paperwork. He stated that he does not think there is anything that we can do about this, but he also represents the citizens of his county and these contractors are the ones that built the project, not the guys sitting around pushing paper. He stated that there is a big problem with that and the way the federal process works. He stated that it is not a fair statement to say that these small sub-contractors should be watching out for what they are doing because they may not get paid by the prime contractor.

Commissioner Sansom stated that the District should not give the impression that this is how business should be done and that we are hiding behind a federal glitch. He stated that it is not right that a contractor is provided less protection under federal contract than they would have under Florida law. He stated that we should continue to think about this and determine a way to protect contractors and suppliers who provide work on a District project, perhaps with a notice.

Vice-Chair Kavanagh stated that if Mr. Smith would not have come before this Board with this problem, as a body, we would never have known that this problem existed. She stated that because of his action, the District brought the problem to the

attention of the Corps who looked into it. She stated that we protected Mr. Smith's interests and that is why we are here.

Mr. Roach referred to the Corps FY 2013 work activities sheet and stated that in previous years there would be eight or nine work activities going on at one time, today, there are three and two of those were recently completed. He stated that is where we are because there are no funds coming down from the federal government. He stated that for the most part, the District is embarking on these projects ourselves with our small staff and professional consultants. He stated that right now we do not have a choice but to do these projects ourselves. He stated that we are hoping that the federal government can be involved in our projects and stay involved in our projects because it is a partnership project even though it does not appear that way right now.

Mr. Roach stated that the best solution to address the possible non-payment of sub-contractors problem is for the Corps not use a small business set aside program. He stated that this program provides that the prime contractor only needs to construct five percent of the project. He stated that an open bid project will draw the contractors that do the majority of the construction themselves.

Mr. Roach stated that the big picture is that the District will be doing most of the projects in the near future until federal government funding changes. He stated that therefore this Board will be dealing with those issues, because in construction there are issues.

Chair Colee stated that this Board feels a responsibility to our constituents, whether they are using our facilities or contractors building our projects. He stated that we want to take the extra steps that we can to make sure that they are informed about the

nature of the process and that they are given enough information to make a good decision to conduct their business. He stated that regardless who is completing these projects we need to spend more time on the front end of the contract to make sure that we understand each contracting process.

Mrs. Trulock stated that IWW St. Augustine maintenance dredging project has been completed. She stated that demobilization of the pipeline in Salt Run will start today. She stated that we cannot remove the pipeline from across the dune on state park property until the beach mice have been trapped for five days. She stated that the reason for this is that the mice build their dens across the dune and when the pipeline is removed their dens will collapse trapping them inside the den and killing them. She stated that the mouse trapping will begin October 22nd, last for five days and then the pipelines will be removed from the dunes after October 27th.

Mrs. Trulock stated that this project had six pipeline leaks. She stated that a survey is being completed in Salt Run to make sure that no material was deposited back into Salt Run from the leaks. She stated that if there is any miss-placed material, we will notify the Department of Environmental Protection and remove the material from the area.

Commissioner Sansom stated that he is in favor of helping small businesses, but if small business cannot correctly complete these jobs that does not help anyone. He stated that we need to make sure that these contractors are capable of doing these jobs and that these projects do not stretch beyond the contractor's ability. He stated that perhaps we should review the process that we use to review the contractor qualifications.

Mrs. Trulock stated that the St Augustine project was awarded to a MATOC contractor that was among 13 businesses that were pre-qualified for IWW work based on equipment, quality, and past job performance. She noted that she will be reviewing the pipeline specifications and stated that it may be time to refresh that documentation and the MATOC requirements.

Mr. Roach stated that this is a very good contractor. He stated that over time pipelines erode from the inside out so you cannot visually look at the pipeline and say that there is a problem. He stated that the District has previously discussed the option of requiring new pipelines on some District projects and the additional cost involved regarding that requirement is not cost effective.

Secretary Blow stated that Southwind is a good contractor, he has had a good work experience with them, and they have always been responsive. He stated that Lake Michigan did the job last time and he noted that their pipeline had fewer joints in it. He stated the current job included dredging of an area in Vilano Beach that has never been dredged before and when the contractor worked in that area he dredged up shell hash. He stated that he dredged 30,000 cubic yards of shell hash that slowed down production and may have aggravated and corroded the pipeline.

Secretary Blow stated that, because of the protection of the beach mouse in the dune area, he has had discussions with the Department of Environmental Protection (DEP) about running the pipeline behind the dunes and along the fire roads in Anastasia State Park. He noted that he has not had much success in those discussions. He stated that when he received the complaints about the noise from the booster pumps, he pointed out to the community that the District would prefer to place the pipeline in a different

area but the DEP will not allow it. He stated that he feels that to improve projects we could consider using a larger dredge with fewer booster pumps and pursuing conversations with DEP to allow the discharge line to be placed along the fire roads. He stated that the community has an interest in pursuing those conversations and he has told his constituents that if they are really interested in that, we would need their support.

Mr. Crosley stated that we received complaints about noise from the booster pumps and while addressing that issue, he and Mrs. Trulock discussed including a requirement in future contracts that the contractor must take steps to minimize the noise from the pumps.

Mrs. Trulock stated that she took a noise reading from the booster pump and noted that it was 65 decibels and by local law you cannot exceed 85 decibels. She noted that the noise was annoying but within the legal limit.

Mrs. Trulock stated that the IWW Sawpit Dredging project plans and specifications are being reviewed. She stated that staff will have an opportunity to review the certified plans and specifications. She stated that in January/February we will have a project cost estimate and we can move forward if that is what FIND wants.

Chair Colee stated that if this project moves forward, this Board will want to look at steps taken to prevent non-payment to subcontractors and project noise issues. Mrs. Trulock agreed and stated that she will also look at pipeline requirements.

Mrs. Trulock noted that there is a new buzz word right now and that is Regional Sediment Management. She stated that what that means is that we look at a region, not individual projects, to see how one project will benefit other projects. She stated that, for example, the St. Augustine project placed 150,000 cubic yards of material on the beach at

Anastasia State Park in the same beach area where the Federal Shore Prevention Project places material. She stated that the IWW project provided a benefit to a federal project. She stated that there are other areas where this is done, such as Bakers Haulover and Miami-Dade County beaches. She stated that many of these dredging projects are beach quality material and this may be an avenue to change the way these shallow draft dredging projects are viewed.

Mr. Crosley stated that this issue was discussed at the Florida Shore and Beach Conference and it will become a topic at their next conference. He noted that this is becoming very important and is moving forward. Chair Colee suggested that Mr. Davenport become aware of this.

ITEM 9. 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.

Mr. Roach stated that the 50 year dredging projection for the 25 miles of channel in Broward County is 33,644 cubic yards of material and the storage projection is 72,334 cubic yards of material. He stated that this is the lowest dredging projection of any of the District's 12 counties. He stated that the majority of this dredging (81%) is associated with the Hillsboro Inlet.

Mr. Roach stated that three upland Dredged Material Management Areas (DMMA) and one beach placement area will manage dredged materials from the waterway. He stated that the District continues to explore an exchange of easements with Broward County at Port Everglades to create a more efficient management area for both

parties. He stated that a western long term storage site was suggested in the DMMP but has not been pursued actively because of costs. He stated that if a western site presents itself, through exchange or at a reasonable cost, the District will make the acquisition and add this site to the plan.

Mr. Roach stated that the existing District owned Dredged Material Management Areas are currently leased to the City of Pompano Beach and Broward County for parks and port facilities. He stated that there is no current schedule for site development.

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 these are cooperative projects with the Marine Industries Association of South Florida, Broward County, and the cities of Fort Lauderdale and Dania Beach. He stated that the Dania Deepening is underway and will be completed by May of 2013.

Mr. Roach stated that the ICW Deepening will follow the Dania Deepening project. He stated that this project will be triple the size of the Dania Deepening project. He stated that we are in discussion with the Port to continue using their DMMA. He stated that during this project there will be some deepening of some City facilities, we hope, as well. He noted that the Fort Lauderdale International Boat show will take place next week and many of the large yachts are already here.

Mr. Roach stated that the Broward County Waterways Economic Study was completed in early 2008 and updated in 2011. He stated that Broward County has the most active marine economy in all of our 12 Counties. He stated that the recent update

documented 1,767 marine related businesses in the county employing 21,455 people, with salaries of approximately \$1 Billion and a total economic impact of \$4.5 billion. He stated that property values were determined to be increased by \$6-7.2 billion by the presence of the ICW channel.

Mr. Roach stated that since 1986, the District has provided \$20.9 million in Waterways Assistance Program funding to 98 projects in the County having a total constructed value of \$55.6 million.

Mr. Roach stated that the Interlocal Agreement Programs has been active in Broward County with projects such as the Dania Canal Deepening, New River Deepening, and Intracoastal Waterway Deepening projects.

Mr. Roach stated that the District's first Waterway Cleanup program project was done in Broward County over twenty years ago. He asked for questions.

Treasurer Chappell stated that because of the District's Dania Cut Off Canal Dredging project, we have an item on today's agenda from a local marine facility that will piggyback onto our project to deepen their facility and he noted that brings the total to three marinas that have done this. He stated that this will allow the marina to accommodate vessels as large as 250 feet and will provide many jobs in Broward County.

ITEM 10. Waterway Master Plan Proposal for Martin and St. Lucie Counties.

Mr. Roach introduced, Mr. Don Donaldson, Martin County Engineer and past chairman of the Florida Shore and Beach Preservation Association. Mr. Donaldson thanked Mr. Roach and introduced Ms. Beth Beltran, Martin County Metropolitan Planning Organization Administrator, and Ms. Kim Delaney of the Treasure Coast Regional Planning Council.

Mr. Donaldson stated that it is exciting to have new partners in our transportation system and waterway projects. He stated that this will give us a unique opportunity to engage the Federal Highway and Florida Department of Transportation (FDOT) process. He stated that Martin County has the Martin County Metropolitan Planning Organization (MPO) and St. Lucie County has the St. Lucie Transportation Planning Organization (SLTPO). He stated that these agencies have teamed up with the Treasure Coast Regional Planning Council (TCRPC) on a Waterway Master Plan for the two counties. He stated that this project will lay a foundation that will be eligible to receive Federal Transportation grant funding. He stated that this project will provide a broad based analysis for future projects for us to partner on.

Ms. Beltran stated that the MPO and SLTPO have discussed in length the waterways plan. She stated that the MPO identifies long range transportation needs in the metropolitan area and prioritizes transportation project funding. She stated that the MPO is made up of four County Commissioners, two City of Stuart Commissioners, and one Commissioner from the Town of Sewall's Point. She stated that funding needs are met primarily through federal funding and some state grants.

Ms. Beltran stated that recently the MPO looked at other transportation modes such as pedestrian, bicycle, bus, and ferry boat. She noted that the St. Lucie Inlet Park can only be reached by boat and in their management plan they include ferry boat transportation. She stated that Martin County does not have a Port, but the waterways have a large impact on the economy, are a recreational resource, and are part of a multi-modal transportation system.

Ms. Kim Delaney stated that she presented an overview of the Palm Beach County Waterway Master Plan to the Board several years ago. She stated that plan has been implemented and just yesterday she met with the Palm Beach County MPO and Water Taxi Working Group who are identifying the water taxi locations. She stated that Martin and St. Lucie Counties have worked with the county staff and local officials to identify the project scope which will be broader than Palm Beach County because of geographical differences. She stated that the plan will focus on public natural resource systems, environmental systems, waterway and land transportation, waterfront access, land use, and economic opportunities.

Mr. Roach stated that the TCRPC performed the Palm Beach County Waterway Master Plan and this proposal is in the same format and contains the criteria of our rule. He stated that we have budgeted these Waterway Master Plans at \$100,000.00 per county. He stated that this proposal is for a two year agreement with \$100,000.00 of District funding.

Vice-Chair Kavanagh stated that she would serve on the plan review committee.

Chair Colee stated that Palm Beach County is seeing the benefits of this Waterway Master Plan and he likes the idea of two counties working together. He stated that this project will provide a pro-active plan to continue to build the economic value of the waterway beyond moving boats up and down the water.

Commissioner Crowley stated that he is excited about the planning effort that this Board has agreed to undertake for each County. He stated that this is a critical step in our mission as to how the District has evolved from creating the DMMA's and performing dredging to becoming an agency that creates waterfront areas for our constituents.

Commissioner Freeman made a motion to approve the agreement and funding for the Waterway Master Plan Proposal for Martin and St. Lucie Counties. The motion was seconded by Commissioner Sansom. Chair Colee asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 11. Extension and Modification request by the City of West Palm Beach for their City Commons Waterfront Phase I Canoe and Kayak Launch Project, Palm Beach County.

Mr. Crosley stated that the City of West Palm Beach has submitted a late extension request for their City Commons Waterfront Phase I Canoe and Kayak Launch Project which is eligible for a one year extension. He stated that the City is also requesting that the project be converted to a Phase II project to purchase and install the canoe and kayak dock.

Commissioner Sansom made a motion to approve the extension and modification request of the City of West Palm Beach for their City Commons Waterfront Phase I Canoe and Kayak Launch Project. The motion was seconded by Secretary Blow. Chair Colee asked for discussion.

Ms. Leah Rockwell, for the City of West Palm Beach, stated that the project was delayed because of the recent administration transition. She stated that the dock that will be installed is the same dock that was used at the Snook Island Project and they are excited about moving forward with construction. She noted that the South Cove project and Interactive Signage installation ribbon cutting ceremony will be held on November 5th.

Mr. Roach stated that the South Cove project was partially created from dredged material from the waterway dredging.

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

ITEM 12. C-Term Partners, LLC Third Party Dredging Agreement, Broward County.

Mr. Roach stated that as previously reviewed with the Board, there are several marine facilities along the Dania Cutoff Canal that want to piggyback on the District's dredging project and deepen their facilities. He stated that the Board previously reviewed the Third Party Dredging Agreement developed by legal counsel. He stated that a specific agreement has been formulated for the C-Term Partners, LLC facility for approval.

Commissioner Netts made a motion to approve the Third Party Dredging Agreement with C-Term Partners, LLC. The motion was seconded by Secretary Blow. Chair Colee asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 13. Dania Cutoff Canal Deepening Update and Construction Administration Addendum Request, Broward County.

Mr. Roach stated that our geo-technical engineer performed testing of the channel sediment in the Dania Canal area and found that while the material was a little bit harder, it did not rise to the status of a changed condition. He stated that this material was identified in the previous geo-technical report. He stated that staff has denied the contractor's claim for a changed condition and pursuant to the contract he has to keep working, which he has. We did receive approval for the contractor to use the new dredging bucket and he is going through the cap and digging faster than with the

environmental bucket. He stated that the contractor will complete dredging in section three today and will give us a full report on his production, delays, and costs.

Mr. Roach stated that the Board previously approved Task 2 of the construction administration addendum request from the District Engineer and we are bringing back Task 1 and 3 for approval. He stated that the costs for Task 1, relating to various project challenges which required more time from our engineer to resolve, had already occurred. He stated that Task 3 is for ongoing construction administration based upon a 418 day contract. He stated that we feel that this project will wrap up sooner than that, however, this is an estimate at this point because we do not know if any other challenges will come up.

Mr. John Adams stated that this is a not to exceed request and he noted that we are working through the project pretty good. He stated that we do not anticipate that we will need all the requested funding but it will cover any unexpected delays.

Secretary Blow asked if the District already owes him payment for Task 1. Mr. Adams stated that Task 1 is for work Taylor Engineering completed back in April, May, and June. He stated that it was thought that those additional items could be handled within the construction administration budget, but because of the project delays it could not.

Commissioner Netts made a motion to approve Work Order Amendment No. 4 in an amount not to exceed \$150,921.00 for Construction Administration of the Dania Cutoff Canal Deepening. The motion was seconded by Secretary Blow. Chair Colee asked for any further discussion, hearing none, a vote was taken and the motion passed.

Mr. Roach stated that all of the material from this project will be reused for an airport runway extension and improvements to Interstate 75.

ITEM 14. Professional Engineering and Construction Services for IWW Maintenance Dredging in the Vicinity of Ponce DeLeon Inlet, Volusia County.

Mr. Roach stated that a recent District survey indicated approximately 216,000 cubic yards of shoaling in Volusia County Dredging Reach IV in the vicinity of Ponce DeLeon Inlet. He stated that this is one of the higher shoaling reaches of the waterway and it requires dredging every five to seven years. He stated that a FDEP permit exemption has been received and the Corps Regional General Permit is pending. He stated that the dredged materials will be placed in MSA 434C. He stated that staff requested and received a scope of services and fee quote from the District Engineer to develop the plans and specifications and perform construction administration for this project.

Commissioner Freeman made a motion to approve the scope of services and a cost plus not to exceed fee quote of \$222,337.00 for professional engineering services and construction administration for the IWW Maintenance Dredging Project in the Vicinity of Ponce DeLeon Inlet, Volusia County. The motion was seconded by Commissioner Netts. Chair Colee asked for discussion.

Commissioner Freeman asked how we will move the material to MSA 434C. Mr. Roach stated that we will use a pipeline. Commissioner Freeman asked about locating the pipeline booster pump next to the residential community. Mr. Roach stated that we will address that issue in the plans and specifications.

Secretary Blow asked about a pre and post survey requirement including the pipeline route in case leakage becomes an issue. Mr. Roach stated that for the most part we anticipate having the pipeline in the channel.

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

ITEM 15. Sponsorship of Holiday Boat Parades.

Mr. Roach stated that the District has provided sponsorship funding for holiday boat parades in Palm Beach County for many years. He stated that during the last couple of years, at Commissioner's requests, we have provided sponsorship funding to holiday boat parades in Broward and St. Johns Counties. He stated that these requests are for \$250 to \$500. He stated that staff is of the opinion that these sponsorships support waterway activities for all of our constituents and also provide a good avenue for public relations as our logo and name is included in the media advertising and web sites.

Mr. Roach stated that staff recently came up with a list of all holiday boat parades in the state and there is at least one holiday boat parade in each of the District's member counties with the exception of Nassau County. He stated that these parades are a positive public activity on the District's waterways. He stated that staff would like to request that the Board consider allowing staff to provide holiday boat parade sponsorships up to \$500 per county.

Mr. Crosley stated that at last evening's Community Outreach Event he met Lisa Scott-Founds, the CEO of Fort Lauderdale's Winterfest Boat Parade, who stated that the event is the seventh largest viewing event in the United States and the largest viewing event in Florida. He stated that she thanked us for our contribution.

Chair Colee stated that this request is to make sure that each Commissioner is aware that the District does this and that they have the opportunity to participate in their County.

Secretary Blow stated that the District has participated in the St. Augustine Boat Parade for the past two years. He stated that this parade is organized by the St. Augustine Yacht Club and because this is such an important event, the St. Johns County Tourist Development Council has awarded a \$7,500.00 grant and the St. Augustine Port, Waterway, and Beach District awarded a \$5,000.00 grant for this event. He stated that the logo of all sponsors is on the parade pamphlets. He stated that the City has reports that over 5,000 people watch the parade from the seawall and that provides a tremendous economic impact to the area.

Commissioner Netts stated that he has three questions; the boat parade criteria, eligible uses for the money, and because many counties have multiple boat parades, how do we award the funding. Mr. Roach stated that if this item is approved today, we will come back in November with an agreement that addresses those issues.

Commissioner Sansom suggested that in our role as stewards of the public's money it is important that we include in our sponsorship agreement the criteria and use of the funding similar to other agreements such as in Palm Beach, St. Augustine, and Broward County. He stated that we should include that the sponsorship be coordinated through the local commissioner.

Treasurer Chappell stated that we could incorporate a modified waterway tour within the boat parade.

Secretary Blow stated that any District funded boat parade should be in a location that provides public waterway access.

Commissioner Netts made a motion to approve the sponsorship of holiday boat parades in each District county in an amount up to \$500 if District recognition is received. The motion was seconded by Secretary Blow. Chair Colee asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 16. Legislative Committee Report.

Chair Freeman stated that the Legislative Committee met before today's Board meeting. She stated that Congress is in recess until November 13th and that before adjourning, Congress passed a continuing resolution (CR) that will fund the Federal government but, will not provide funding for the Intracoastal Waterway.

Chair Freeman stated that the Committee reviewed and recommends approval of an additional two year services agreement with Alcalde and Fay in the amount of \$8,500.00 per month. She stated that we have retained their services since 2002. She stated that it is to be noted that although the Board approved a rate of \$9,000.00 per month for the last year of the current agreement, Alcalde continued to bill the previous rate of \$8,500.00 per month for the last year.

Chair Freeman stated that Secretary Blow pointed out that over the ten year span of services, Alcalde and Fay has obtained a combined total of \$31 million in funding over ten years for the District at an approximate cost of \$100,000.00 per year. She stated it is a tremendous return on investment.

Chair Freeman made a motion to approve the recommendations of the Legislative Committee. The motion was seconded by Commissioner Netts. Chair Colee asked for any further discussion, hearing none, a vote was taken and the motion passed.

Chair Freeman stated that the Legislative Committee previously asked staff to contact the Governor's Office of Economic Opportunity to see if they could provide the District assistance to obtain more money from Congress. She stated that Mr. Roach was in contact with the Governor's Office of Economic Opportunity office and the conversation was good, but the bottom line is that the Governor and the Governor's Office of Economic Opportunity do not lobby for funding at the federal level.

Commissioner Netts stated that in Flagler County the second largest private employer is Sea Ray boats. He stated that, for example, in Flagler County the director of the Economic Development Council (EDC) understands the value of Sea Ray boats to the county, but does not understand the value of the IWW to the county. He stated that either the local commissioner or staff should contact the office of the Economic Development Council and the Chamber of Commerce in their county to make them aware of FIND's role. He stated that we need to make them aware that the waterway funding shortages we face could affect their county and he suggested that we invite these members to our community outreach events.

Chair Colee stated that is a good idea and we should include the Tourist Development Council. He stated that selling the economic impact is important.

Commissioner Sansom suggested that we identify the EDCs in each county and perhaps we should consider membership in those organizations. He stated that the District is an EDC ourselves in a very narrow segment of the business community. He

stated that we could work with these agencies to identify economic opportunities within our counties.

Commissioner Bowman stated that he recommends the District contact Enterprise Florida which is the EDC organization for the State of Florida. He stated that they have offices in Tallahassee, Orlando, and St. Petersburg. He would recommend that staff visit these offices and brief them on who we are and what we do. He stated that these offices will have a listing of all the important contacts and committees for those groups. He stated that these offices could incorporate District information about the waterways in their literature.

Vice-Chair Kavanagh stated that we need to consider the cost to join the EDCs in all 12 of the District counties. Chair Colee stated that we will need to determine if we should join or make ourselves known to them.

Chair Colee asked that this item be placed on the next several monthly agendas.

Chair Freeman stated that Commissioner Bowman made a presentation to the Corps' Coastal Engineering Research Board, which recently met in Jacksonville.

Commissioner Bowman stated that the Research Board wanted the presentation to cover; who FIND is, what our responsibilities are, what agreements do we have, what we see for the future, and what do we want the Corps to do better. He stated that this gave him an opportunity to tell them about the Memorandum of Understanding that we have with the Corps and related funding struggles and environmental mitigation problems.

Commissioner Bowman stated that it was a good meeting with some fascinating presentations that provided an opportunity to meet and network with these officials. He

stated that he feels that next year we should attend the entire event and include graphics in our presentation.

ITEM 17. Finance and Budget Committee Report.

Chair Chappell 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 2012 financial statements.

Chair Chappell stated that the committee also approved and recommends approval of the Engagement Letter from Berger, Toombs, Elam, Gaines & Frank for the FY 2011-2012 audit at a proposed cost of \$28,000.00 with the recommendation to them that they try to help streamline or improve our process.

Chair Chappell made a motion to approve the recommendation of the District's Finance and Budget Committee and to accept the Engagement Letter from Berger, Toombs, Elam, Gaines & Frank for the FY 2011-2012 audit at a proposed cost of \$28,000.00 with the recommendation to them that they try to help streamline or improve our process. The motion was seconded by Commissioner Sansom. Chair Colee asked for any further discussion, hearing none, a vote was taken and the motion passed.

Commissioner Sansom made a motion to approve the recommendation of the District's Finance and Budget Committee to accept the August 2012 financial statements. The motion was seconded by Secretary Blow. Chair Colee asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 18. Additional Staff Comments and Additional Agenda Items.

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

ITEM 19. Additional Commissioners Comments.

Chair Colee asked if there were any additional Commissioner comments.

Commissioner Bowman stated that he has gotten involved in the world of Unmanned Automated Vehicles (UAVs). He noted that these vehicles can accomplish some amazing things and there are many UAVs that work underwater. He stated that the University of Florida has a program on UAVs and he would like them to make a presentation at the next Board meeting.

Vice-Chair Kavanagh stated that there is a movement in Martin and St. Lucie County to do something about the water releasing from Lake Okeechobee into the estuary. She asked if the District has a role in this issue. Mr. Roach stated no.

ITEM 20. Adjournment.

Chair Colee stated that hearing no further business the meeting was adjourned at 11:30 a.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT
Land Acquisition & Management Committee Meeting
11:32 a.m., Friday, October 19, 2012
The Riverside Hotel
620 East Las Olas Boulevard
Ft. Lauderdale, Broward County, Florida**

ITEM 1. Call to Order.

Chair Crowley called the meeting to order at 11:32 a.m.

ITEM 2. Roll Call.

Assistant Executive Director Mark Crosley called the roll and Chair Crowley Commissioner Bowman, Commissioner Blow, and Commissioner Kavanagh were present. Mr. Crosley stated that a quorum was present.

ITEM 3. Additions or Deletions.

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

Commissioner Blow made a motion to approve the final agenda as presented. Commissioner Bowman seconded the motion. Chair Crowley asked for any additional discussion, hearing none a vote was taken and the motion passed.

ITEM 4. Interlocal Agreement Extension No. 6 with St. Johns County.

Mr. Roach stated that the District entered into an Interlocal Agreement with St. Johns County in 2005 to allow the County to utilize beach quality sand from DMMA SJ-1 to perform dune restoration on County beaches. He stated that the agreement was

extended five times over the years and was modified to allow the County's contractor to perform repair and maintenance work on the DMMA for the District. He stated that Extension No. 6 continues this beneficial relationship.

Commissioner Blow made a motion to approve Interlocal Agreement Extension No. 6 with St. Johns County. Commissioner Bowman seconded the motion. Chair Crowley asked for any additional discussion, hearing none a vote was taken and the motion passed.

ITEM 5. Permitting, Final Engineering Design, and Bid Document Preparation for the Construction of DMMA FL-3, Flagler County.

Mr. Roach stated that staff requested that the District Engineer provide a scope of services and fee quote for the permitting, final engineering design, and the preparation of bid documents for the construction of DMMA FL-3. He stated that this proposal also includes the development of a western soil road for separate Flagler County access through the site to their adjoining properties.

Commissioner Blow asked if we have a general idea what this site will cost for construction. Mr. Adams stated off the top of his head, perhaps \$3-5 million.

Commissioner Bowman referred to a site photograph and asked about the road design. Mr. Adams stated that the current road is located on the west side of the clearing area and it will be relocated through the pines on the west side. He stated that the DMMA footprint has been cleared and that area is where the site will be constructed. He stated that the cost for this work is compatible with our DMMA O-7 site costs and less than the DMMA NA-1 site costs. He stated that DMMA FL-3 does have some wetland areas that were identified several years ago.

Commissioner Blow made a motion to approve the scope of services and fee quote on a cost plus basis not to exceed \$330,603.34 from Taylor Engineering for the permitting, final engineering design, and the preparation of bid documents for the construction of DMMA FL-3. Commissioner Bowman seconded the motion. Chair Crowley asked for any additional discussion, hearing none a vote was taken and the motion passed.

ITEM 6. Additional Staff Comments and Additional Agenda Items.

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

Mr. Crosley introduced Lieutenant Colonel Thomas M. Greco, the Deputy District Commander for South Florida, Jacksonville District, U.S. Army Corps of Engineers, who along with himself will be meeting with Congressman West to discuss potential strategies for the Okeechobee Waterway.

ITEM 7. Commissioners Comments.

Chair Crowley asked if there were any additional Commissioner comments.

There were none.

ITEM 8. Adjournment.

Chair Crowley stated that hearing no further business the meeting was adjourned at 11:42 a.m.



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**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
November 16, 2012**

Page 43



WORK ACTIVITIES IN FY 13:

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



**US Army Corps
of Engineers**
Jacksonville District

**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
November 16, 2012**

Page 64



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

1. WORK ACTIVITY: DMMA IR-2 (Indian River County)

CONTRACT AMOUNT: \$2,806,601.00

DESCRIPTION OF WORK: IR-2 is located in Indian River County 1.6 miles north of Wabasso between U.S. Highway 1 and Indian River Lagoon. IR-2 is a 180 acre site. IR-2 services Reach 1 of the IWW. Reach 1 extends from a point 0.45 north of the Brevard/Indian River County line southward 8.09 miles to the Wabasso Bridge. IR-2 will have a capacity of 428,000 cyds. IR-2 will be used for the Sebastian area (Indian River Reach 1) dredging.

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 – 31 Nov 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: By mid November the area office will negotiate and confirm the deductive modification. This deductive modification is for incomplete mulching in the sea oxeye daisy mitigation area and incomplete mowing of the site. Closeout will proceed after the modification is complete.



*Dredged Material Management
Area IR-2 Construction*

Print #120821143
Date: 08/21/12
Lat/Lon: 27.779283 -80.444268

Aerial Photography, Inc. 954-568-0484



**US Army Corps
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Jacksonville District

**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
November 16, 2012**

Page 45



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 160,000 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. Beach quality material will be placed on the beach south of the St. Augustine Inlet between monuments R-132 to R-15 within Anastasia State Park. Should unsuitable beach quality material be identified, it will be placed in the near shore between monuments R-142 to R-148.

SCHEDULE:

Date we expect DEP permit:	22 Sept 2010A
Contract Advertisement Initiated:	29 May 2012A
Bid Opening:	5 July 2012A
Contract Award:	27 July 2012A
NTP Issued:	24 Aug 2012A
Dredging Complete:	18 Oct 2012A

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

NAME OF CONTRACTOR: Contract was awarded to Southwind Construction Corporation in the amount of \$2,383,527.22

STATUS: Dredging was completed on 18 October 2012 and tilling of the beach was completed on 31 October 2012. The dredge and pipeline is scheduled to be towed from its moored area (North of the Vilano Bridge) on 6 November 2012. FP&L will be starting their installation of the new power line by 9 November 2012.

Regarding the leakage of dredge material into Salt Run, the post dredge survey identified an accumulation of approximately 230 cubic yards of sandy dredged material south of the Lighthouse Boat ramp and adjacent to a "Mooring Field B" sign. The soundings indicated up to 3' of accumulated material which covered an area of approximately 205' by 60'. There were no impacts to salt marsh vegetation or oyster beds.



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IWW STATUS UPDATE FIND Board of Commissioners Meeting November 16, 2012

Page 86



Southwind Construction was 100% responsible to remove this material. DEP was notified and they gave the approval to go forward with removing the material out of Salt Run. Southwind contracted directly with Yelton Marine Construction of St. Augustine. The material will be loaded on a barge and then transferred to dump trucks and disposed of in an approved landfill. The remediation effort convened 2 November 2012 and will be complete by 6 November 2012.





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IWW STATUS UPDATE **FIND Board of Commissioners Meeting** **November 16, 2012**

Page 47



3. WORK ACTIVITY: AIWW Sawpit Reach 3(Nassau County)

CONTRACT AMOUNT: TBD

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

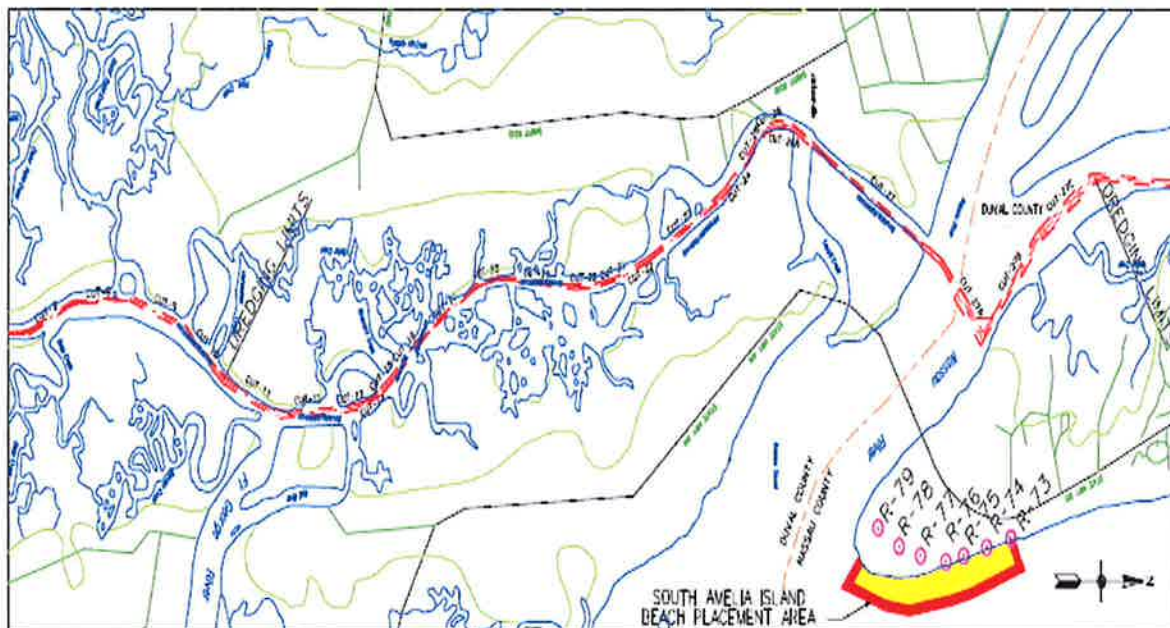
SCHEDULE:

Submit WQC permit application to DEP:	29 June 2011A
Pre Application Meeting	2 Aug 2011A
Date we expect DEP permit:	20 July 2012A
Contract Advertisement Initiated:	28 Jan 2013
Bid Opening:	26 Feb 2013
Contract Award:	26 Mar 2013
NTP Issued:	23 Apr 2013
Dredging Complete:	27 Sept 2013

FIND WORK ORDER: Work order for dredging of AIWW Sawpit Reach 3 is being presented at the November 2012 Board Meeting.

NAME OF CONTRACTOR: TBD

STATUS: P&S were kicked off on 5 June 2012 and will be ready to advertise in January 2013. A work order will be presented at the November 2012 Board Meeting for dredging and administration of the contract. The procurement will include an option for the non beach quality material in the event that DU-2 has capacity. All indications are that since we only need to place approximately 13k cy upland, that DU-2 will be available.





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Jacksonville District

FLORIDA INLAND NAVIGATION DISTRICT INTRACOASTAL WATERWAY WORK ORDER No. 36-2012-03



In accordance with the Memorandum of Agreement (MOA) between the Department of the Army and the Florida Inland Navigation District (FIND) 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 36-2012-03 is described per the following requirements:

1. Project Name: Dredging of the Atlantic Intracoastal Waterway Channel (AIWW) in the Vicinity of Sawpit Reach 3, Nassau County, Florida.

2. Detailed Scope of Work: The Corps of Engineers will issue and administer a task order under an existing Multi Award Task Order Contract (MATOC) for maintenance dredging in the AIWW Sawpit Reach 3. The project includes maintenance dredging of approximately 591,000 cubic yards (cy) of material from the AIWW channel and settling basins in Cuts 24-26A, 27, 27A, 27C; and adjoining advance maintenance areas in the waters of Sawpit Creek, the Amelia River, and Nassau Sound. The majority of the excavated material, 578,000 cy, will be placed on the Amelia Island State Park beach disposal site. The pumping distance between dredging areas and beach placement ranges from 4.0 miles to 1.5 miles. The material from Cut-27, totaling 13,000 cy, is not beach compatible and will be placed upland in DMMA DU-2. DMMA DU-2 lies adjacent to Cut-26A and Cut-27.

3. Tentative Schedule:

FIND Board Executes Work Order	November 16, 2012
Government Executes Work Order	November 23, 2012
Government Issues Task Order	January 28, 2013
Government Issues Notice to Proceed	April 23, 2013
Government Commences Dredging	May 22, 2013
Government Completes Dredging	September 27, 2013

4. Funding arrangements providing for funding of obligation: Contributed funds must be received and placed in escrow 30 days before the task order is issued.

5. The amount of funds required and available to accomplish the scope of work: The amount requested from FIND at this time for this maintenance dredging is \$5,710,100. Any contract modifications may result in cost corrections and will be detailed in future work order amendments, as necessary. Should there be any excess funds after completion of the contract, the Government will reimburse excess funds pursuant to the MOA.

6. Identification of individual project managers: The Contributor's project manager is Mark Crosley, 561-627-3386. The Government's project manager is Shelley Trulock, 904-232-3292.

7. Identification of types of contracts to be used: The effort will be accomplished as a task order under the Corps Multi Award Task Order Contract (MATOC).

8. Types and frequency of reports: Turbidity monitoring reports will be provided to DEP from Project Management with a copy to the Florida Inland Navigation District. No financial reporting is required.

9. Identification of which party is responsible for contract administration, records maintenance, and contract audits: The Corps will retain records of dredging times and durations and all costs associated with this work order.

10. Procedures for amending or modifying the work order: This work order can be amended or modified in writing with mutual consent of both parties. Before the Government approves or issues any letters to the contractor concerning a change order or claim, the Government will consult with the District on the claim or change order. In the event agreement cannot be reached, provisions of the MOA shall govern.

11. Such other particulars as are necessary to describe clearly the obligations of the parties with respect to the requested goods and services for this work order: None.

THE DEPARTMENT OF THE ARMY

FLORIDA INLAND NAVIGATION DISTRICT

BY: _____

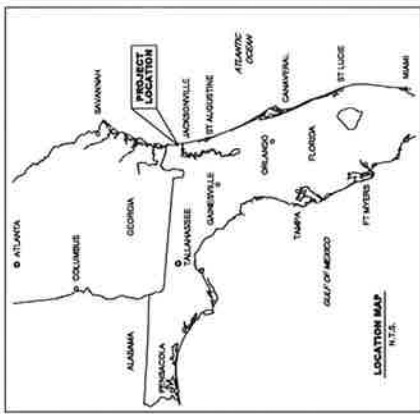
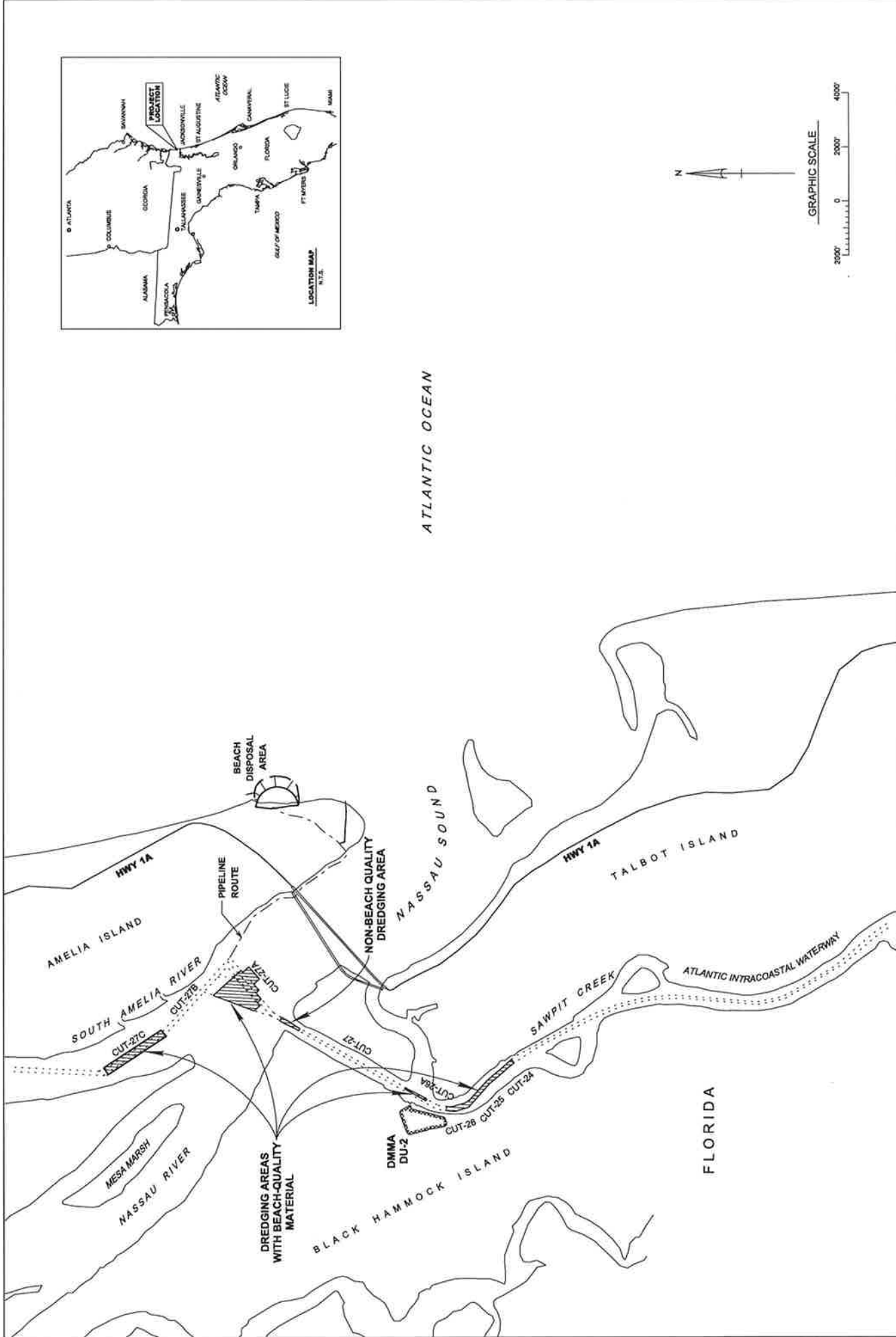
BY: _____

Alan M. Dodd
Colonel, U.S. Army
District Engineer

Donn Colee
Chair, FIND

DATE: _____

DATE: _____



GRAPHIC SCALE



ATLANTIC OCEAN

AIWW SAWPIT REACH 3

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA



NOVEMBER 2012



DUVAL COUNTY PROJECT STATUS UPDATE

November 2012

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, 4 sites are fully constructed, and the rest have had Phase 1 development.

DMMA DU-2 will have approximately 74,000 cyds. of materials offloaded from it in early 2013 for the DMMA NA-1 Construction Project. DU-2 will be utilized for the non-beach quality materials being dredged in the Dredging Reach 2 project which will occur in mid-2013.

Waterways Dredging

Dredging Reach II in the vicinity of Nassau Sound is scheduled for dredging in 2013.

Waterways Economic Study

The Duval County Waterways Economic Study was first completed in 2005 and updated in late 2011. There are 392 waterway related businesses in Duval County generating \$1.3 billion in annual sales, 6,169 jobs, \$300 million in personal wages, and \$46 million in tax revenues. 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 \$138 million with a loss of 846 jobs. Properly maintaining the waterways would result in an increase of \$62 million in economic output and an additional 344 jobs. See attached economic summary and 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. Notably 18 saltwater boat ramps and 9 canoe launches have been constructed or rehabilitated. See attached map and project listing.

Cooperative Assistance Program



DUVAL COUNTY PROJECT STATUS UPDATE

November 2012

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 third cleanup project.

Small Scale Derelict Vessel Removal Program

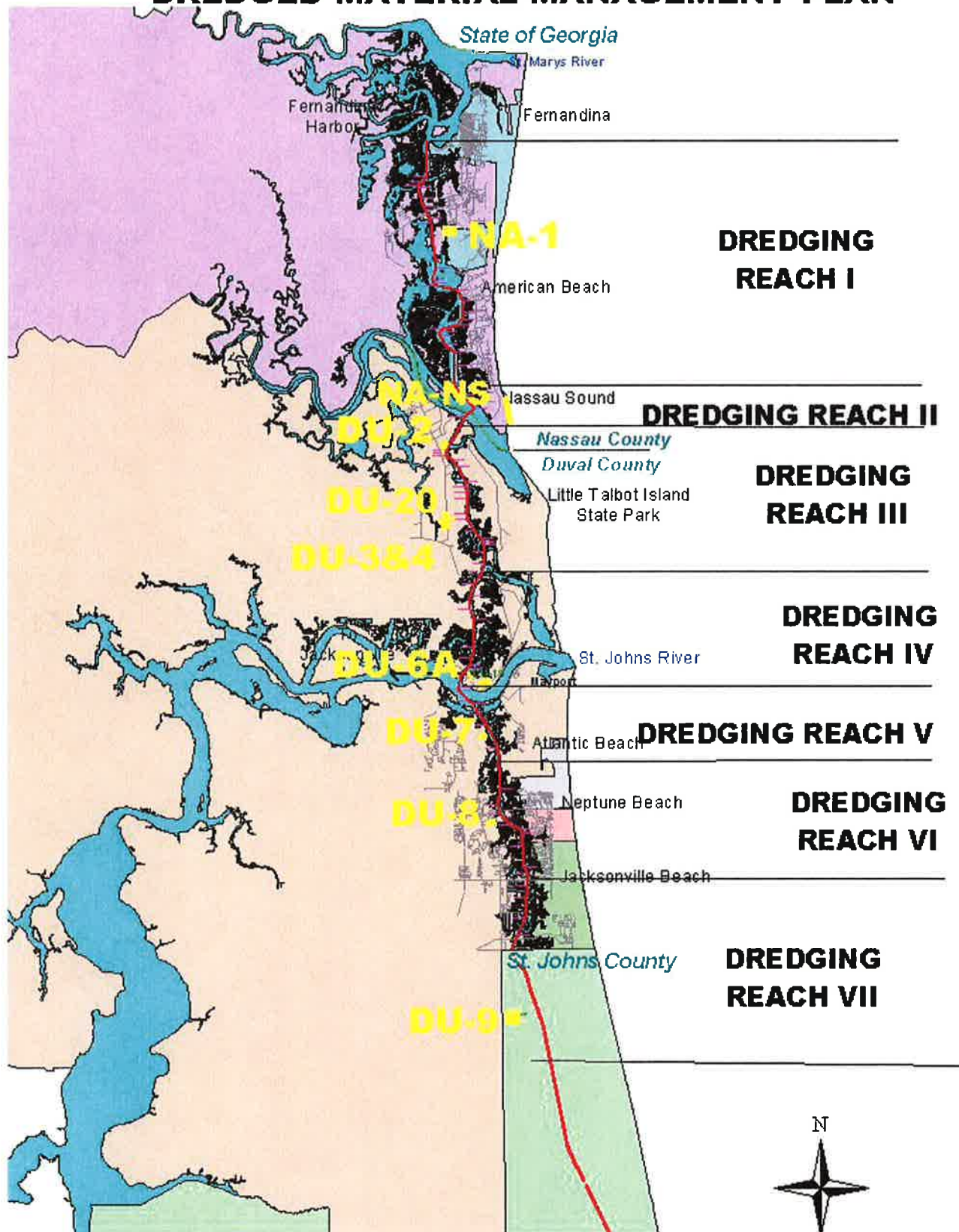
One small scale derelict vessel removal project has been conducted with Duval County in the amount of \$10,000.

Small Scale Spoil Island Enhancement and Restoration Program

No applications have been received yet in Duval County.




NASSAU/DUVAL COUNTIES DREDGED MATERIAL MANAGEMENT PLAN

Page 53








 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

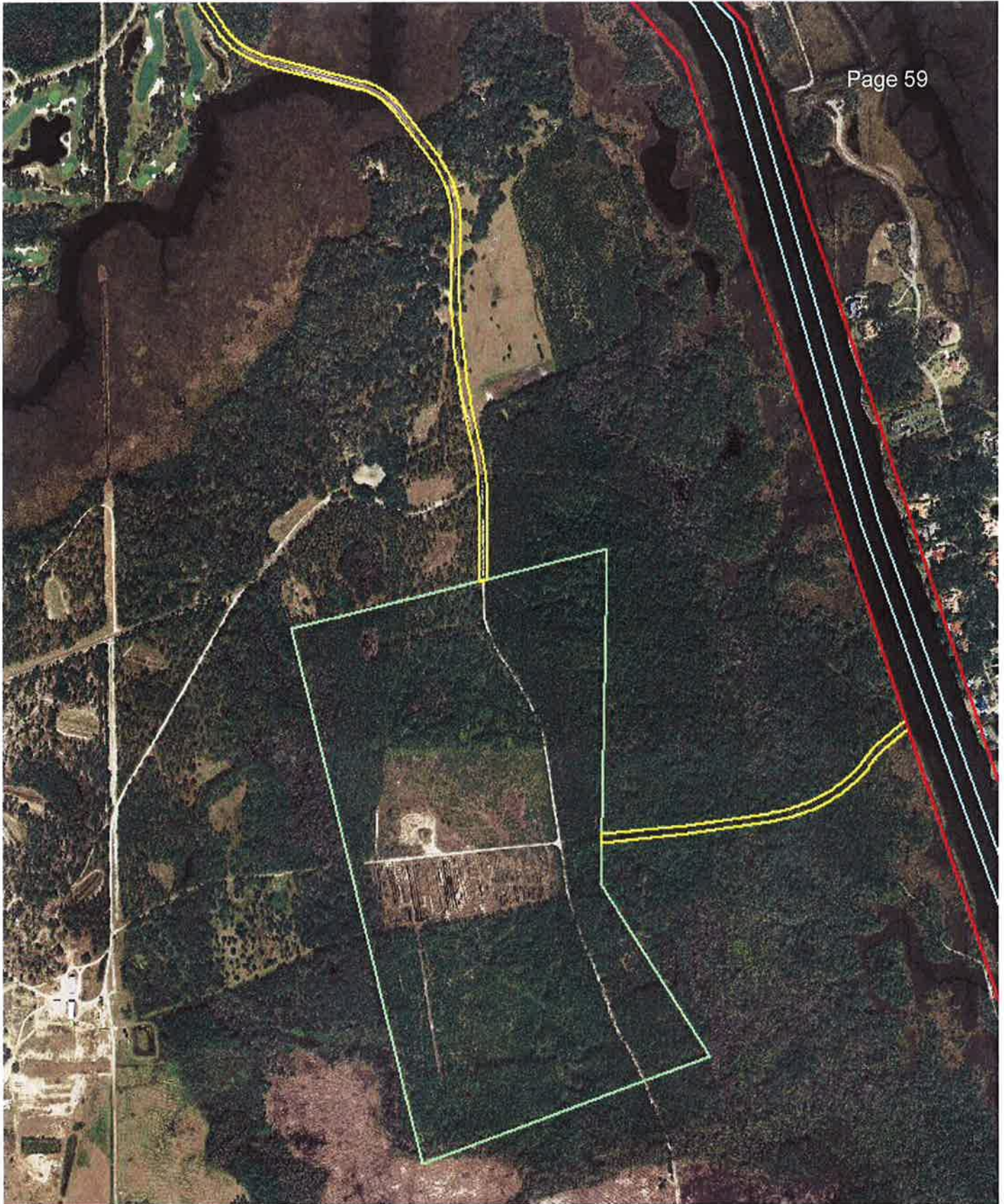




-  FIND Easement
-  FIND Owned
-  Channel
-  ICW Right-of-Way

DMMA DU-8





- ICWRR
- Channel
- FIND Easement
- FIND Owned

DMMA DU-9



ECONOMIC BENEFITS OF THE DISTRICT'S WATERWAYS



Purpose

To update economic benefits in Duval County of marine-related activities on the District Waterways, as previously estimated in *An Economic Analysis of the District's Waterways in Duval County*, September 2005, and to provide the general public and Federal, State, and local officials with a clear understanding of the importance of maintaining the waterways.

Scenarios Evaluated

1. Current Existing Conditions
2. Cessation of Waterways Maintenance
3. Increase in Waterways Maintenance
4. Estimated impact of the 2007-2009 U.S. economic recession



ECONOMIC IMPACTS

Current Existing Impacts

- \$1.285 billion in business volume
- \$300.2 billion in personal income
- 6,169 jobs
- \$46.1 million in tax revenue

Impacts of Cessation of Waterways Maintenance

- Decrease of \$137.5 million in business volume
- Decrease of \$35.8 million in personal income
- Decrease of 846 jobs
- Decrease of \$5.8 million in tax revenue

Impacts of an Increase in Waterways Maintenance

- Increase of \$61.7 million in business volume
- Increase of \$15.2 million in personal income
- Increase of 344 jobs
- Increase of \$2.3 million in tax revenue

Impact of the 2007-2009 U.S. Economic Recession

- Decrease of \$277.5 million in business volume
- Decrease of \$210.7 million in personal income
- Decrease of 5,066 jobs
- Decrease of \$31.2 million in tax revenue

Economic Benefits as of April 2011

DUVAL COUNTY



ECONOMIC BENEFITS OF THE DISTRICT'S WATERWAYS

Page 62

DUVAL COUNTY

The Intracoastal Waterway

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

The Navigation District

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

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

Source of Data Used in This Analysis

The economic benefits of the Waterways were estimated in September 2005 in *An Economic Analysis of the District's Waterways in Duval County*.

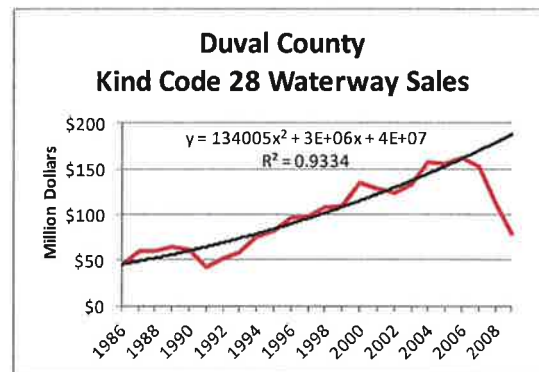
Updating of Previously Estimated Benefits

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

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

Estimating the Impact of the Recession

The impact of the recession was estimated by determining the trend in gross sales of boat dealers over the 20-year period prior to the onset of the recession. This trend was used to estimate the theoretical gross sales if sales had continued to increase at the rates previously experienced. The red line in the figure below illustrates reported actual gross sales of boat dealers and the black line illustrates the trend of those sales. From 2007 to 2009 gross boat dealer sales in Duval County decreased by 44 percent; if the recession had not occurred, it is estimated that gross sales from 2007 to 2009 would have increased by 24 percent.

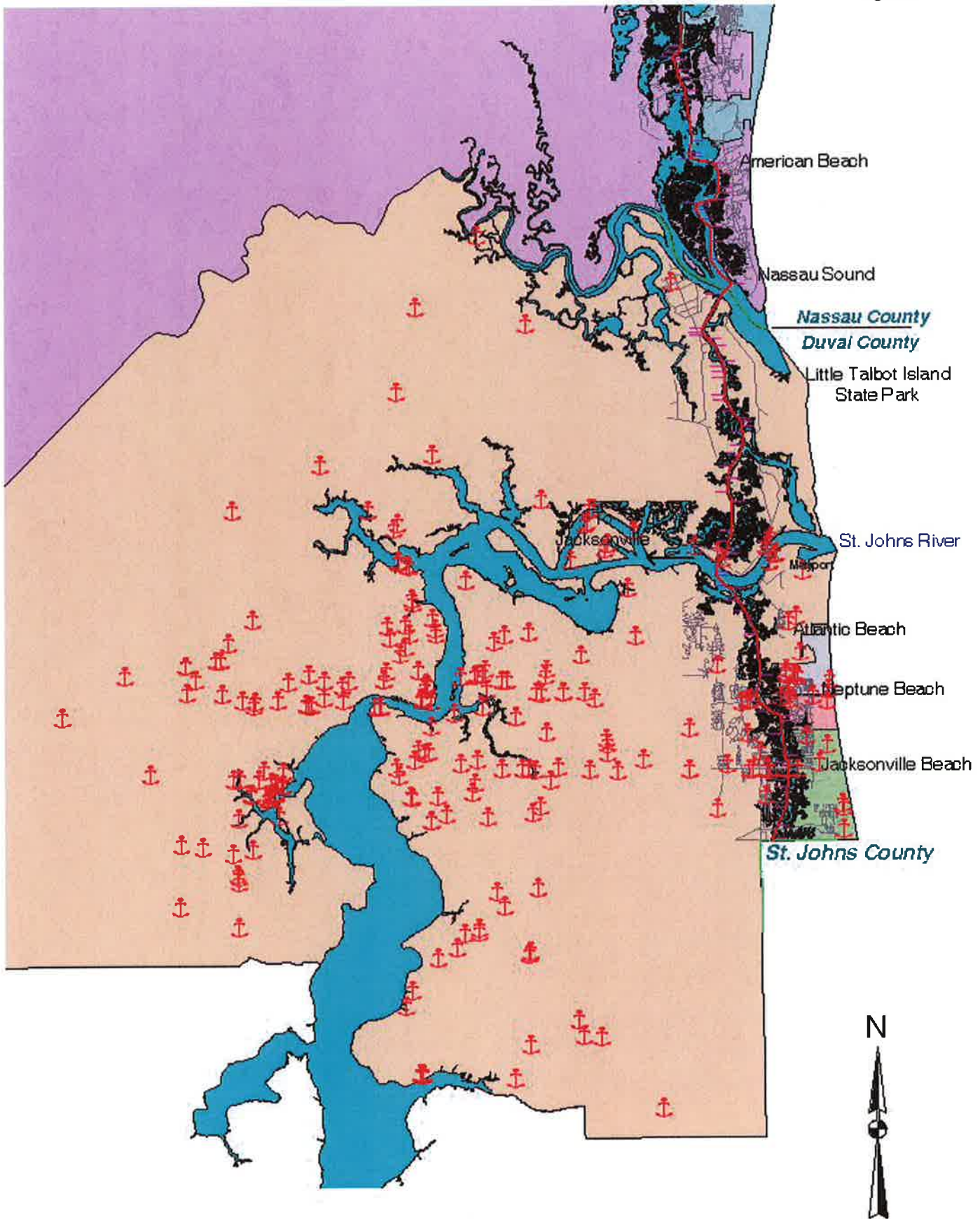


Annual Boater Spending on Gas, Food, and Drinks at Non-Marine-Related Establishments

- Current existing conditions: \$24.9 million
- Cessation of maintenance: \$21.1 million
- Increased maintenance: \$24.9 million
- Assuming no recession: \$36.3 million

Vessel Draft Restrictions Assumed for Each Scenario

- Current existing conditions: 6.5 feet MLW
- Cessation of maintenance: 3 feet MLW
- Increased maintenance: 12 feet MLW
- Assuming no recession: 6.5 feet MLW



Location Map

Duval County Marine Related Businesses

FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM PROJECTS
IN DUVAL COUNTY
1987-2012

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 Imp PH I (Expired)	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 Reg Park Canoe Launch PH I (Expired)	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
Goodby's Creek Dredge & Ch Markers Ph I (Expired)	DU-JA-02-67	City Of Jacksonville	\$25,750.00	\$51,500.00
Northbank Riverwalk Park Mooring Lights Ph I I	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 Docking & Ramp Ph I (Expired)	DU-JA-02-71	City Of Jacksonville	\$34,100.00	\$68,200.00
Stockton Park Boardwalk & Waterfront Plaza Ph I 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
Arlington River Dredge - Phase I I (Expired)	DU-JA-03-74	City Of Jacksonville	\$209,220.00	\$261,000.00

FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM PROJECTS
IN DUVAL COUNTY
1987-2012

Project Name	Project Number	Project Sponsor	Grant Amount	Total Cost
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	\$48,000.00	\$96,000.00
Castaway Island Preserve Dredge Ph 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 Ph 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 Ph. I	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
IWW Boat Ramp Parking Acq. (Terminated)	DU-JA-07-96	City Of Jacksonville	\$633,000.00	\$1,000,000.00
Lighthouse Marine Boat Ramp Ph 1 (Withdrawn)	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
IWW Boat Ramp Parking Acq. (Terminated)	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
1987-2012

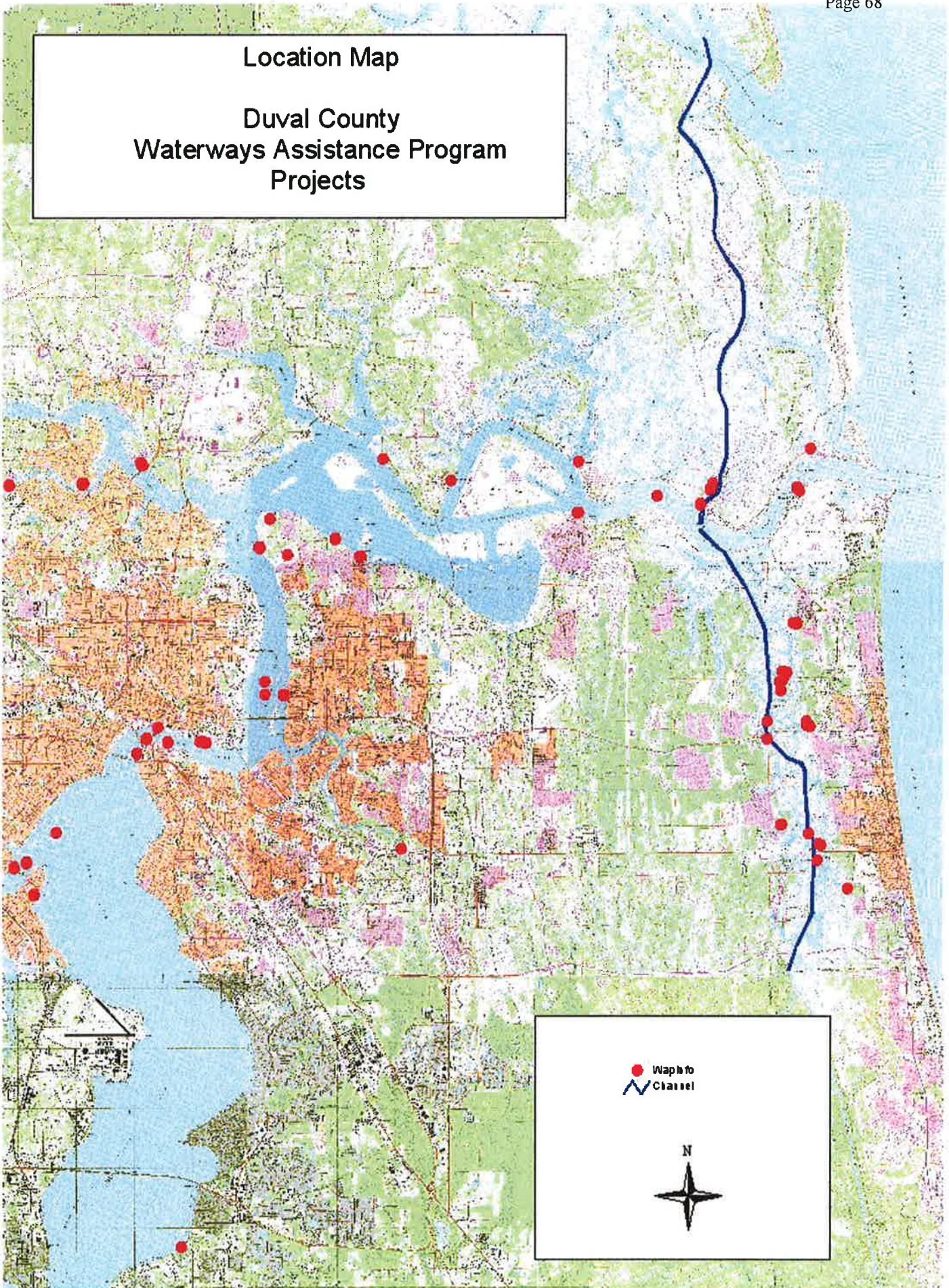
Project Name	Project Number	Project Sponsor	Grant Amount	Total Cost
Improvements & Repairs of Four (4) Boat Ramps	DU-JA-1	City of Jacksonville	\$250,000.00	\$500,000.00
Harborview Restroom - Phase I I	DU-JA-10-114	City Of Jacksonville	\$175,000.00	\$350,000.00
Joe Carlucci Boat Ramp - Phase I I	DU-JA-10-115	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	\$650,000.00
T.K. Stokes Boat Ramp	DU-JA-89-5	City of Jacksonville	\$100,000.00	\$236,000.00
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	\$433,008.00
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	\$221,860.00
Bert Maxwell Park - Phase I I	DU-JA-95-21	City Of Jacksonville	\$108,500.00	\$108,500.00
Oak Harbor Boat Ramp - Phase I I	DU-JA-95-22	City Of Jacksonville	\$82,000.00	\$82,000.00
Wayne B. Stevens Boat Ramp Park	DU-JA-96-24	City Of Jacksonville	\$11,860.00	\$45,000.00
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	\$199,900.00
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	\$427,700.00
Sisters Creek Marina	DU-JA-98-34	City Of Jacksonville	\$302,500.00	\$605,000.00

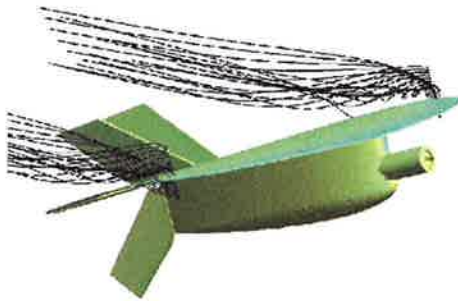
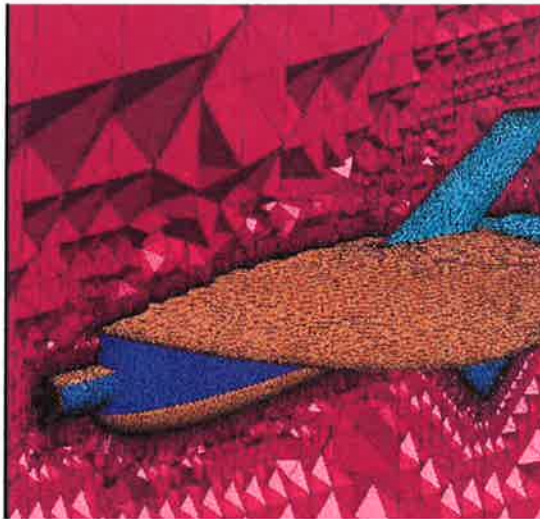
FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM PROJECTS
IN DUVAL COUNTY
1987-2012

Project Name	Project Number	Project Sponsor	Grant Amount	Total Cost
Jacksonville Zoo Dredge - Phase I (Withdrawn)	DU-JA-98-35	City Of Jacksonville	\$31,500.00	\$63,000.00
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 Reg. Canoe Launch Ph I I (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
Jax 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
TOTALS			\$17,442,099.50	\$35,813,927.00

Location Map

Duval County Waterways Assistance Program Projects





Mesh on MAV for CFD calculations.

Bio-Inspired Underwater Vehicles

Ideas from bio-mimetic of sea animals are explored for low speed maneuvering of underwater water vehicles. To this end, a novel pulsatile jet propulsion scheme for low speed maneuvering of small underwater robots will be developed, demonstrated, and characterized. This propulsion scheme is loosely analogous to that used by squid and jellyfish. The potential for pulsatile jet propulsion is explored by first optimizing the design of a pulsatile jet actuator and associated actuation concepts. Next a vehicle-level fluid dynamical model will be developed in order to capture the interaction of the pulsatile jet flows with the primary flow past the vehicle. Prior development in nonlinear averaging-based vehicle feedback control schemes will be adapted to this technology using such models. The pulsatile jet prototypes and control scheme will be integrated into a prototype underwater vehicle, whose performance is characterized. The suggested propulsion scheme has very few moving parts, has no protruding components that increase drag, and takes up relatively little volume.

Research in my group on **vortex dynamics** and in particular its applications to **low speed maneuvering of small underwater vehicles** and an **steering mechanism for capsule endoscopy** was featured as the cover story of the [New Scientist](#) on October 23, 2004. Click on the following images for the full articles.



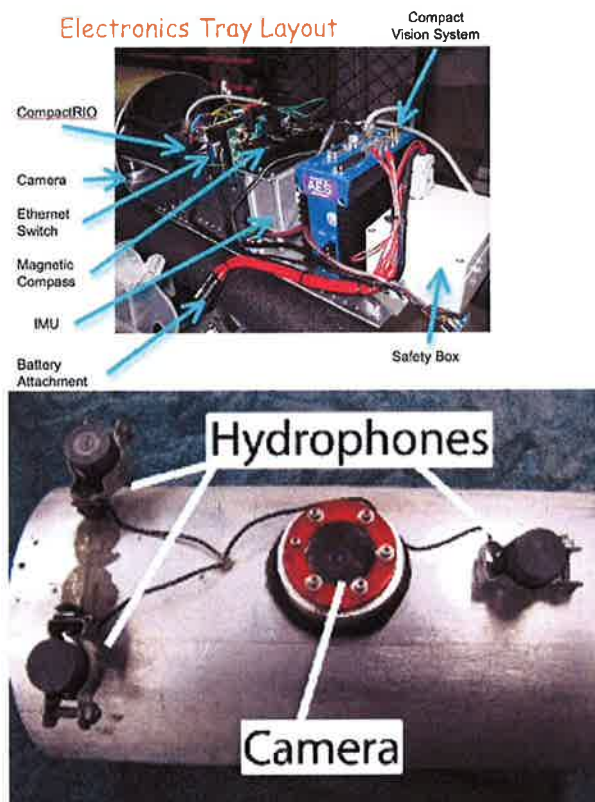
KRAKEN

KRAKEN (Kinematically Roving Autonomously Controlled Electro-Nautic) is our latest underwater vehicle. It is equipped with squid thrusters for low speed maneuvering, forward and bottom looking cameras, and a suite of on-board sensors to determine its relative position, velocity, and attitude. This information is used in conjunction with an image recognition system to autonomously traverse an underwater course designed to exercise the novel technologies and abilities of the vehicle. An embedded LabVIEW system processes this information and provides autonomy and closed-loop feedback control capabilities. The vehicle is also equipped with three acoustic hydrophones as part of an acoustic locating system.

KRAKEN Movies

- [AVI format](#). Parallel Park Test of KRAKEN in August 2008.
- [AVI format](#). KRAKEN in autonomous operation. The cameras looking for a "red ball" identifying the ball, moving toward it, and hitting it (August 2008).





CALAMAR-E

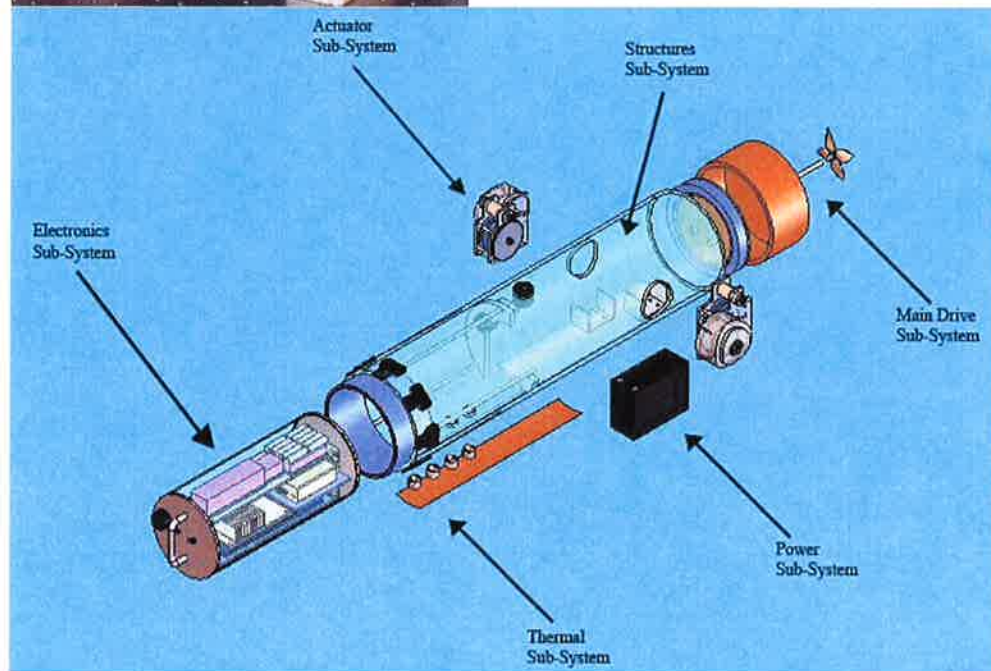
The third generation underwater vehicle built in our group is named the Cavity Actuated Low-speed Aquatic Rover Experiment (CALAMAR-E). This vehicle uses a rear propellor for forward propulsion, but contained no control surfaces of any kind. Instead all of the maneuvering forces were provided by squid or vortex ring thrusters. The maneuvering system of this vehicle was proven to be successful via rotation and translation tests and an inclusive parallel park test illustrated in the movies below.

CALAMAR-E Movies

Note that in all movies the propeller is not activated.

- [MPEG, WMV format.](#) Parallel parking a test. Calamar-e uses our pulsatile vortex ring actuators for maneuvering and local locomotion.
- [MPEG, WMV format.](#) Rotating a submarine without translation.
- [MPEG, WMV format.](#) Sidewise translation of a submarine.

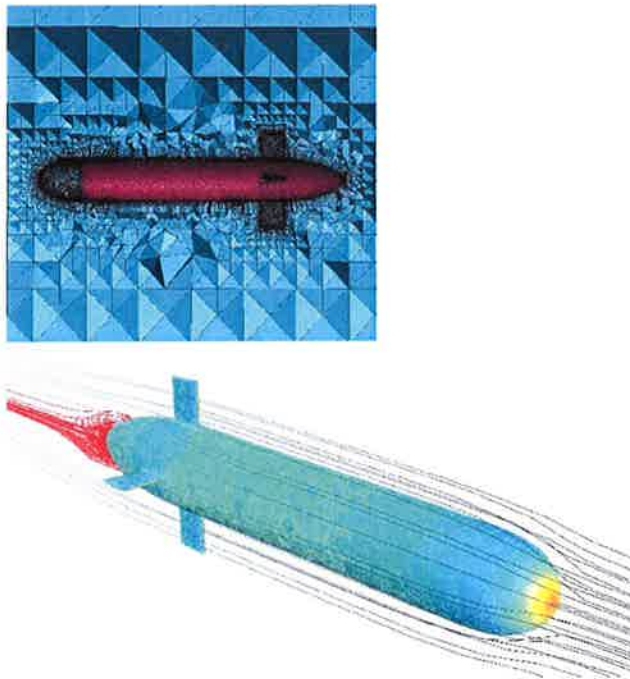




RAV

RAV (Remote Aquatic Vehicle) is the 2nd underwater vehicle built in our group. It was equipped with the first generation of squid thrusters (solenoid activated).





HydroBuff

Hydro-Buff is the first underwater vehicle built in our group. It uses a rear propellor for forward propulsion, and two sets of control surfaces for maneuvering. This vehicle serves as a baseline or control to represent the maneuvering capabilities offered through typical control surface technology.

HydroBuff Movies

- [MPEG, WMV format.](#) Pool test of Colorado HydroBuff in 2003.





[Kamran Mohseni](#)

[email me](#)

Last modified: Fri Oct 17 02:39:56 2008



November 2, 2012

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

RE: Scope of Professional Engineering and Construction Administration Services
Crossroads Channel Maintenance Dredging; Martin County, Florida

Mr. Roach:

Per your request, Taylor Engineering has prepared the attached Scope of Services (Attachment A) and cost proposal (Attachment B) for the following services related to the Crossroads dredging project:

- Task 1 – Preliminary Design
- Task 2 – Final Design and Bid Documents
- Task 3 – Construction Administration
- Task 4 – Project Closeout and Certification

Taylor Engineering will complete the work described herein for a cost-plus-maximum fee of \$159,457.50.

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

Sincerely,



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

Attachments

SCOPE OF PROFESSIONAL ENGINEERING AND CONSTRUCTION ADMINISTRATION SERVICES**FLORIDA INLAND NAVIGATION DISTRICT
CROSSROADS CHANNEL MAINTENANCE DREDGING
MARTIN COUNTY, FLORIDA****INTRODUCTION**

This scope of professional engineering and construction administration services describes Taylor Engineering's effort to support a proposed project that would restore the intersection (i.e., the Crossroads) of the Intracoastal Waterway (ICWW) and Okeechobee Waterway (OWW) to its authorized dredge depth and deposit dredged material within the constructed M-5 dredged material management area (DMMA) facility. In accord with the Florida Department of Environmental Protection (FDEP) and U.S. Army Corps of Engineers (USACE) maintenance dredging authorizations, the dredging project would excavate the ICWW and OWW channel to a maximum dredge depth, inclusive of an additional 2-ft of allowable overdepth dredging, to -12 ft mean lower low water (MLLW) and -10 ft MLLW, respectively.

The Florida Inland Navigation District (FIND) requested Taylor Engineering to provide construction drawings and specifications, and bid, construction administration, and certification services. In response, Taylor Engineering has developed this scope of services based on the following assumptions:

- The FIND M-5 DMMA Offloading and Crossroads Channel Maintenance Dredging project will require no other permit(s) than the regulatory permits (FDEP Permit No. 0296970-001-JC and USACE Permit No. SAJ-2009-03012 [IP-LCK]) already obtained.
- The total construction time (including mobilization/demobilization) will approach approximately 120 calendar days (± 17 weeks), based on a seven-day week, 12-hour day operating schedule.
- The FIND, through its designated surveyor, will provide an updated bathymetric survey of the project area. This provided survey will form the basis of the final design and construction drawings for the project.
- The FIND will contract directly with its designated surveyor to perform the pre-, post-, and any acceptance section surveys. These surveys are necessary to support pay application review and allow engineering certification.
- Project construction will neither result in any substantial deviations from the project drawings and specifications nor violate permit conditions.
- The construction contractor will conduct all contractor-responsible environmental monitoring.

If any of these assumptions prove incorrect, Taylor Engineering will work with the FIND to develop an appropriate additional scope of work and cost.

TASK 1 PRELIMINARY DESIGN**Task 1.1 Dredging Template and Dredge Quantities**

After review of the provided bathymetric survey, Taylor Engineering will develop a three-dimensional AutoCAD-based digital terrain model of the project area. We will incorporate the bathymetric survey data into the models to develop a dredging template that will include plan area, cross sections, and total required dredging volume. Based on a historical review of previous USACE Crossroads dredging jobs, project construction

should require, with the additional 2-ft of allowable overdepth, the removal of approximately 50,000 to 60,000 cubic yards of dredged material.

1.2 DMMA Reconnaissance

Given that Lucas Marine Acquisition Company, LLC is currently offloading the M-5 DMMA, Taylor Engineering staff will investigate the site to document and evaluate existing site conditions. Staff will document any visibly apparent geotechnical issues (e.g., erosion, settling, cracking) of the DMMA and weir, and evaluate any potential on-site environmental issues (within the DMMA, pipeline corridor, and likely within the contractor's staging area). In a letter report to the FIND, we will summarize site conditions and note potential site encumbrances. The report will include photographs, an aerial map detailing any geotechnical and environmental site features and, if necessary, any restorative DMMA features required for the project.

TASK 2 FINAL DESIGN AND BID DOCUMENTS

2.1 Bid Documents

2.1.1 Final Design and Construction Drawings

We will prepare final design documents and digital construction drawings for the various site elements. Construction drawings will provide plan, cross-sectional, and detail views of the ICWW dredging area and pertinent details (i.e., pipeline corridor, contractor staging area, weir location, discharge area, etc.) of the M-5 DMMA. We will provide construction drawings in appropriate hardcopy format and in digital (AutoCAD) format, as well as record drawings signed and sealed by a Florida Registered Professional Engineer.

2.1.2 Contract Documents and Technical Specifications

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

2.1.3 Bid Package Submittal

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

2.1.4 Opinion of Probable Cost

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

2.2 Bid Administration Assistance

Taylor Engineering will help the FIND administer the bidding process and help select the contractor. We will remain available at our Jacksonville offices to clarify and interpret project documents and prepare addenda,

if required. We will coordinate and attend the pre-bid meeting to answer questions concerning elements of the project for which Taylor Engineering is responsible.

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

TASK 3 CONSTRUCTION ADMINISTRATION

This task includes the following sub-tasks:

- Preparing for and conducting a pre-construction meeting
- Reviewing and approving contractor pre-construction submittals
- Conducting site visits
 - Monitor contractor's compliance with the project contract document requirements and permit conditions
 - Schedule and prepare for eight bimonthly on-site progress meetings
 - Conduct between two and three site observation visits weekly and prepare observation reports following each observation site visit
- Reviewing and approving contract-related items
 - Review and approve up to four pay applications
 - Prepare up to two change order directives

3.1 Pre-Construction Meeting

Taylor Engineering and its representatives will conduct a pre-construction meeting. We will discuss the project, answer contractor's questions concerning any technical aspects of the work, and achieve a mutual understanding with the contractor of required quality control and environmental monitoring (specific to the ICWW portion of the project). In addition, we will discuss the "ground rules" and other issues including lines of engineer and contractor authority, general and specific contract conditions, contract administration, progress payment, correspondence procedures, project schedule, submittal register, labor requirements, and general site safety. We will take minutes of the meeting and distribute them to the attendees. We assume the coordination meeting will occur near the project site in Martin County or at the selected contractor's office. This meeting will occur after the Notice of Award and before the Notice to Proceed.

3.2 Pre-Construction Submittal Review

The contractor will provide pre-construction submittals; these submittals may include (among others) an updated schedule of values, list of subcontractors, signature authority, construction schedule, submittal register, environmental protection plan, quality control plan, and accident prevention plan.

3.3 Site Visits

3.3.1 Bimonthly Progress Meetings

We will attend on-site bimonthly project meetings to discuss project progress and address questions pertaining to engineering, design, permitting issues, and proposed changes to the project design; these meetings will provide a setting to address and resolve any conflicts on the project. Expected attendees will include representatives from the construction contractor, the FIND, and Taylor Engineering. The progress meeting agenda will generally include review of minutes of previous meetings, work progress since the previous meeting, definable features of work (i.e., construction schedule, submittal register, quality control/quality assurance testing, contract quality for materials and workmanship [per ASTM standards], pending contract modifications, changes and substitutions of materials), and other business as appropriate. Taylor Engineering personnel will attend each of the on-site meetings and will clarify, if required, the design intent of various project design elements.

3.3.2 Site Observation Visits

We will provide on-site observation services between two and three days a week, as project conditions warrant, with an observer located on site approximately six hours each observation day. We will also remain available for a maximum of three on-call visits (maximum eight additional hours per week). Taylor Engineering's observers will ascertain whether work is progressing in general conformance with permit conditions, and project drawings and specifications. Our visits will include observing the work and monitoring the contractor's means, methods, and sequence. Taylor Engineering will observe project progress to verify conformance with or note discrepancies from the project contract, drawings, specifications, and environmental permits. Taylor Engineering will not direct the contractor's means and methods of construction. Taylor Engineering is not responsible for jobsite safety. Following each site visit, Taylor Engineering will complete a construction observation report, which will become part of the project record. The report will include the name of the observer, weather conditions, date, personnel/visitors on site, the contractor's personnel and equipment, and daily summary of events.

3.4 Review and Approve Contract Related Items

We will help the FIND administer the construction contract from our Jacksonville offices as well as 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. We will prepare an observation report for each field visit. Additionally, we will review the release of lien, contractor affidavits, and contractor's certifications.

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

We 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, methods, or sequences of construction. Taylor Engineering is not responsible for jobsite safety.

TASK 4 PROJECT CLOSOUT AND CERTIFICATION

This task includes the following sub-tasks:

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

When the contractor requests certification that the project is substantially complete, we will review the post-construction bathymetric survey and visit the project site to make our determination of the degree of completion. If we cannot certify substantial completion, we will develop preliminary and subsequent 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. We have budgeted for two on-site meetings during this stage of the project. We will collect and review the following information from the contractor before project closeout: (1) final waiver and release of lien from all subcontractors and suppliers, (2) final pay application, (3) post-construction/as-built survey, (4) final contractor certification, and (5) final contractor affidavit.

We will help the FIND coordinate permit-related submittals. Following completion of the project, we will prepare a statement of completion and a certification in accordance with the FDEP and USACE permit requirements, if applicable.

SCHEDULE

Taylor Engineering's work on this project will begin immediately on receipt of the FIND's Notice to Proceed (NTP). Assuming we receive an updated bathymetric survey soon after the NTP, we expect to complete the design phase of the project (Tasks 1 and 2) within three months of the NTP. The project schedule for Tasks 3 and 4 will follow the construction schedule with a total construction time (including mobilization/demobilization) of approximately 120 calendar days, based on a seven-day week, 12-hour day contractor operating schedule. The schedule also allows approximately two additional weeks for project closeout and certification.

TAYLOR ENGINEERING, INC.
COST SUMMARY BY TASK
P2012-150: CROSSROADS CHANNEL MAINTENANCE DREDGING; MARTIN
COUNTY, FL

TASK 1: Preliminary Design

<i>Labor</i>	Hours	Cost	Task Totals
Senior Advisor	2.0	354.00	
Director	24.0	3,696.00	
Project Professional	28.0	2,940.00	
Technical Editor	4.0	396.00	
Senior Technician	36.0	3,240.00	
Administrative	8.0	448.00	
Total Man-Hours	102.0		
Labor Cost			11,074.00
<i>Non-Labor</i>	Units	Cost	
Car Rental	1.0	90.00	
Per Diem for 2 people	2.0	20.00	
Boat Rental	1.0	250.00	
Non-Labor Cost		360.00	
Fee @ 10.0%		36.00	
Total Non-Labor Cost			396.00
<i>Total Task 1</i>			11,470.00

TASK 2: Final Design and Bid Documents

<i>Labor</i>	Hours	Cost	Task Totals
R. Bruce Taylor, Ph.D.	1.0	306.00	
Senior Advisor	19.5	3,451.50	
Director	152.0	23,408.00	
Staff Professional	40.0	3,440.00	
Technical Editor	8.0	792.00	
Senior Technician	60.0	5,400.00	
Administrative	26.0	1,456.00	
Total Man-Hours	306.5		
Labor Cost			38,253.50
<i>Non-Labor</i>	Units	Cost	
Car Rental	2.0	180.00	
Per Diem	2.0	20.00	
Non-Labor Cost		200.00	
Fee @ 10.0%		20.00	
Total Non-Labor Cost			220.00
<i>Total Task 2</i>			38,473.50

**P2012-150: CROSSROADS CHANNEL MAINTENANCE DREDGING; MARTIN
COUNTY, FL**

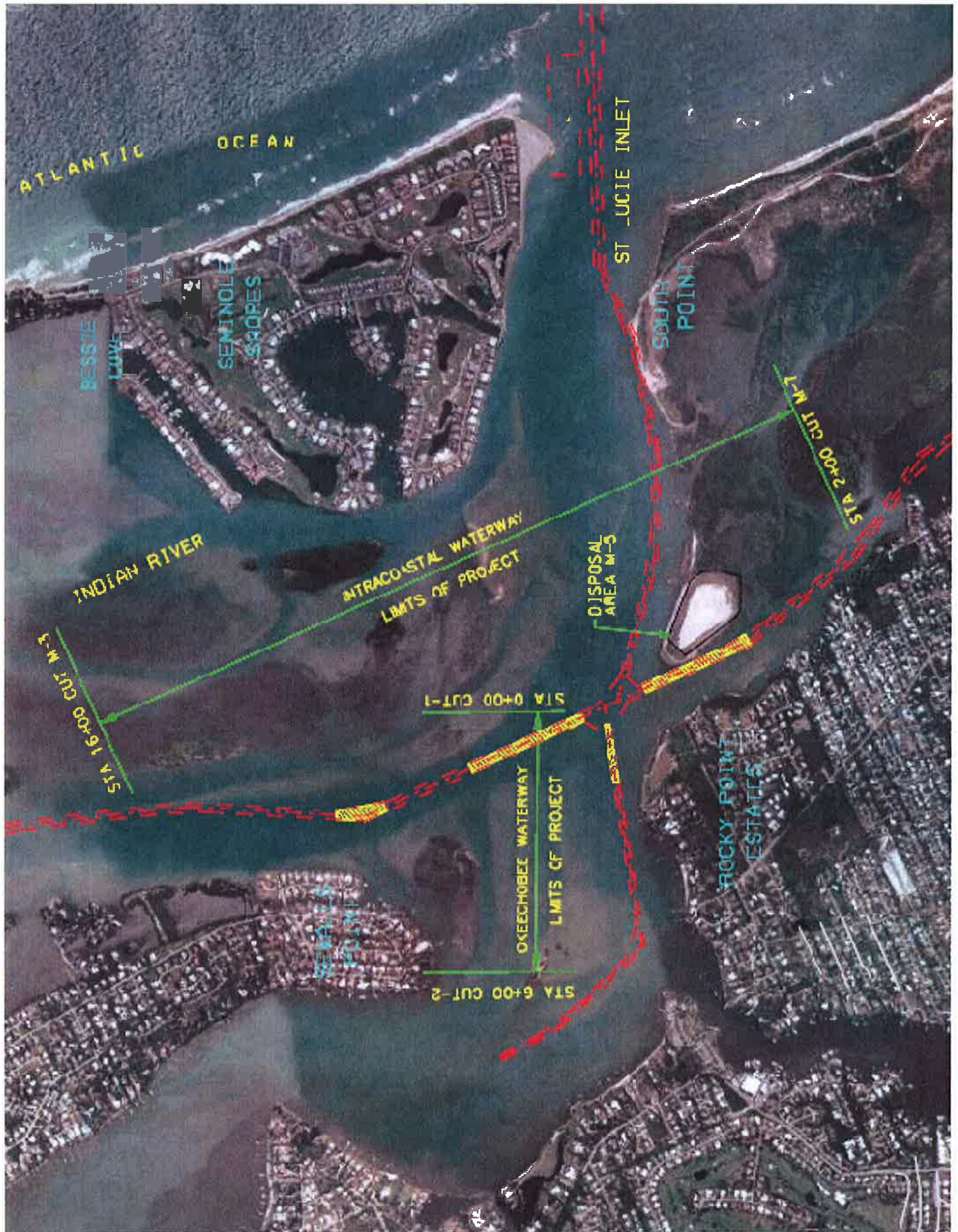
TASK 3: Construction Administration

<i>Labor</i>	Hours	Cost	Task Totals
R. Bruce Taylor, Ph.D.	4.0	1,224.00	
Senior Advisor	56.0	9,912.00	
Director	140.0	21,560.00	
Staff Professional	520.0	44,720.00	
Administrative	87.0	4,872.00	
Total Man-Hours	807.0		
Labor Cost			82,288.00
<i>Non-Labor</i>	Units	Cost	
Per Diem	19.0	160.00	
Car Rental	8.0	720.00	
Car Rental	51.0	4,590.00	
Per Diem	51.0	510.00	
Non-Labor Cost		5,980.00	
Fee @ 10.0%		598.00	
Total Non-Labor Cost			6,578.00
Total Task 3			\$ 88,866.00

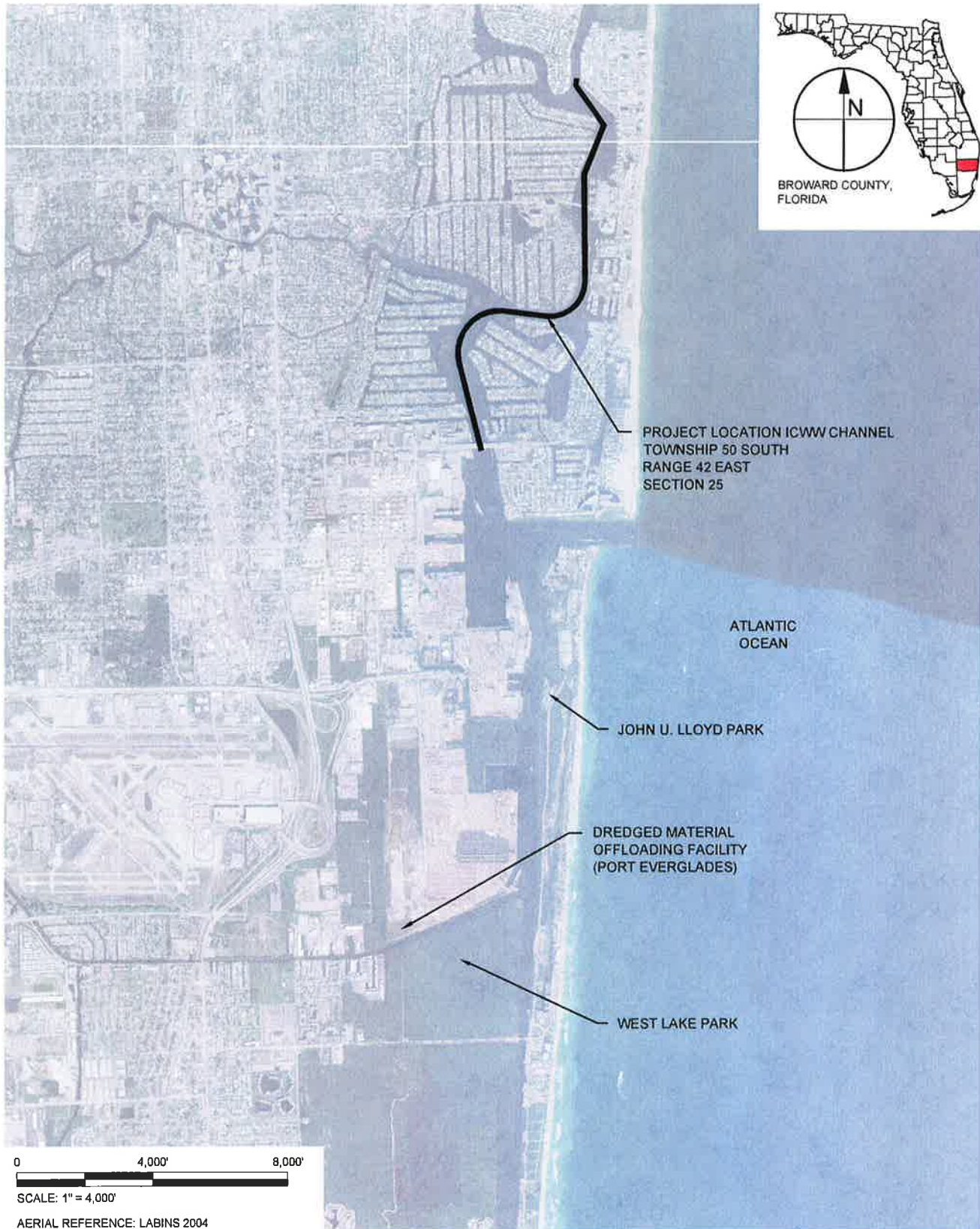
TASK 4: Project Closeout and Certification

<i>Labor</i>	Hours	Cost	Task Totals
Senior Advisor	12.0	2,124.00	
Director	50.0	7,700.00	
Project Professional	76.0	7,980.00	
Senior Technician	20.0	1,800.00	
Administrative	10.0	560.00	
Total Man-Hours	168.0		
Labor Cost			20,164.00
<i>Non-Labor</i>	Units	Cost	
Car Rental	2.0	180.00	
Per Diem	2.0	40.00	
Car Rental	2.0	180.00	
Per Diem	2.0	40.00	
Non-Labor Cost		440.00	
Fee @ 10.0%		44.00	
Total Non-Labor Cost			484.00
Total Task 4			\$ 20,648.00

Project Total \$ 159,457.50



C:\HYDRO\PROJECTS\C2005-07\BROWARD COUNTY DEEPENING PERMIT\ICWW COMBINED\2005-07\BROWARD COUNTY DEEPENING PROJECT LOCATION MAP.DWG 7/27/2011 3:29:46 PM



TAYLOR ENGINEERING INC.

10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256

CERTIFICATE OF AUTHORIZATION # 4815

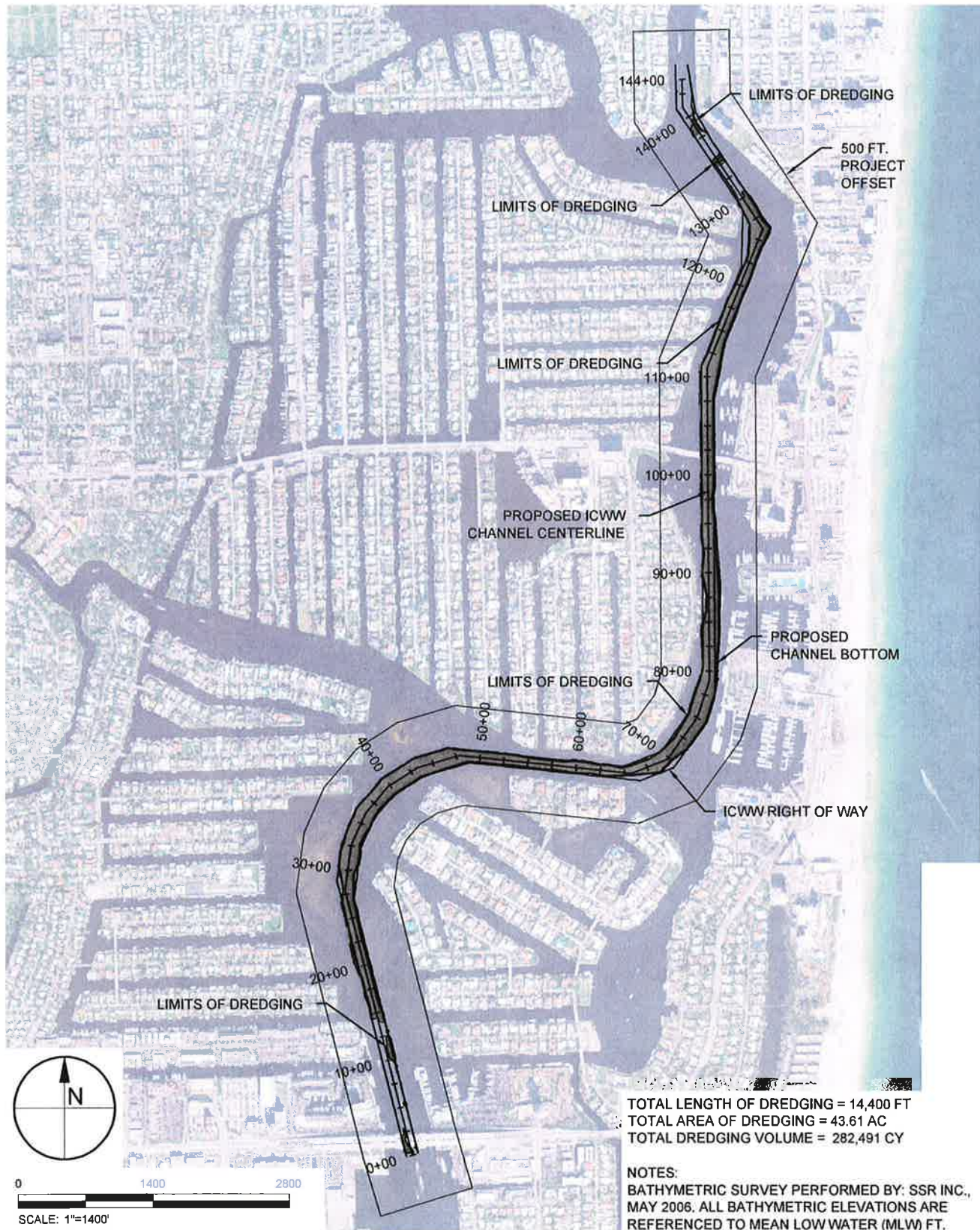
**FIGURE 1
LOCATION MAP
FIND BROWARD CO. ICWW DEEPENING PROJECT
BROWARD COUNTY, FLORIDA**

PROJECT C2005-076-07	DRAWN BY RLJ/CAS	SHEET 1 of 25	DATE JULY 2011
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SEAL

ROBERT J. WAGNER P.E. # 63028

DATE



TAYLOR ENGINEERING INC.

10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256

CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 2 PROJECT LOCATION (ICWW CHANNEL) FIND BROWARD CO. ICWW DEEPENING PROJECT BROWARD COUNTY, FLORIDA

PROJECT C2005-076-07 DRAWN BY RLJ/CAS SHEET 2 of 25 DATE JULY 2011

SEAL

ROBERT J. WAGNER P.E. # 63028

DATE



MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS

November 5, 2012

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

RE: Magnetometer, Sidescan Sonar and Seismic Survey of ICWW from SE 17TH Street Bridge (STA 0+00) north to Bayshore Drive (STA 144+00)

Dear David:

Morgan & Eklund, Inc. is pleased to provide you with the following proposal to furnish professional hydrographic survey services for the above referenced project.

Morgan & Eklund, Inc. (in conjunction with Sonographics) will perform a magnetometer, sidescan sonar and seismic survey along the ICWW centerline (from station 0+00 to station 144+00) together with longitudinal lines 50' left, 100 left and 50' right, 100 right.

Prior to the survey, a drawing will be compiled showing the location of submerged lands easements, and known utility line crossings.

This map will be sent to the utility companies (i.e Florida Gas, FP&L, Bell South, AT&T, Sprint, CATV, County/City public works, water/sewer, etc) to ask them to verify their submarine utility line locations and depths together with providing the as-built surveys. The results of the channel bottom survey will be plotted in plan view and the depths obtained from the seismic data will be plotted in cross-section view. The cost for these survey tasks are as follows:

I. Obtain historical data from utility companies and FDEP (permits and submerged land easements)

- *Send letter to utility companies advising of dredge project area**
- *Compile utility crossing map from utility company responses**

Chief Surveyor

16 hours @ \$135/hr\$ 2,160.00

Project Surveyor

16 hours @ \$85/hr\$ 1,360.00

Computer Technician

16 hours @ \$65/hr\$ 1,040.00
\$ 4,560.00

II. Field Survey

Data Collection along longitudinal lines @ 50' spacing (5 lines x 14,400 each = 14 miles total)

- A. Morgan & Eklund, Inc. Provide 26' survey boat, operator, Trimble GPS, Hypack Navigation Software**

Chief Surveyor	
2 hours @ \$135/hr.....	\$ 270.00
Project Surveyor	
10 hours @ \$85/hr.....	\$ 850.00
Survey Technician	
10 hours @ 65/hr.....	\$ 650.00
Trimble DGPS	\$ 350.00
26' Survey Boat	\$ 450.00
	\$ 2,570.00/day
x 2 days	\$ 5,140.00

- B. Sonographics Provide Sidescan Sonar, Magnetometer, Sub Bottom Profiler, and Systems Operator**

Lump Sum Fee.....	\$ 6,606.00
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III. Data Reduction, Plotting Sidescan Sonar and Seismic Targets together with Magnetic Anomalies

Chief Surveyor	
4 hours @ \$135/hr	\$ 540.00
Project Surveyor	
16 hours @ \$85/hr	\$ 1,360.00
Computer Technician	
16 hours @ \$65/hr	\$ 1,040.00
	\$ 2,940.00
Total Cost I-III	\$19,240.00

F.I.N.D
Mr. David Roach
Page (3)

As always, Morgan & Eklund, Inc. appreciates this opportunity to work with you and the Florida Inland Navigation District on this project.

Sincerely,

A handwritten signature in dark ink, appearing to read "JRMorgan II", with a large, stylized flourish extending from the end of the signature.

John R. Morgan, II, PLS
President

JRM/adf



MORGAN & EKLUND, INC.

PROFESSIONAL SURVEY CONSULTANTS

October 11, 2012

Florida Inland Navigation District
Attn: Mr. David K. Roach
1314 Marcinski Road
Jupiter, Florida 33477

RE: Bathymetric survey of the Florida Keys Intracoastal Waterway, from Cross Bank to Big Spanish Channel (73 miles \pm)

Dear David:

Morgan & Eklund, Inc. is pleased to provide you with the following proposal to furnish professional land and hydrographic survey services for the above referenced project. In accordance with the scope of work as discussed in our meeting last week, please find below our estimate of costs.

I. Project Planning

Chief Surveyor	
8 hours @ \$ 135/hr.....	\$ 1,080.00
Project Surveyor	
10 hours @ \$85/hr.....	\$ 850.00
	<u>\$ 1,930.00</u>

II. Establish Horizontal and Vertical Control Monumentation for RTK Base Stations (NAD83/90 Horizontal Datum and Mean Low Water Vertical Datum)

Project Surveyor	
8 hours @ \$85/hr.....	\$ 680.00
Three Man Survey Crew	
40 hours @ \$135/hr.....	\$ 5,400.00
Trimble RTK System	
5 days @ \$450/day.....	\$ 2,250.00
	<u>\$ 8,330.00</u>

III. Locate Channel Markers along Florida Keys Intracoastal Waterway Route (73 Miles \pm)

	<u>. 10 Hour Day</u>
Project Surveyor.....	\$ 850.00
Three Man Survey Crew	\$ 1350.00
26' Survey Boat	\$ 450.00
Trimble RTK.....	\$ 350.00
Odom CVM.....	\$ 85.00
Hypack Navigation Software	\$ 50.00
	<u>\$ 3,135.00/day</u>
x 5 days =	\$ 15,675.00

IV. Hydrographic Survey of the Channel Center Line and two offset Lines (30' left and 30' right) along 73 Miles \pm of the Florida Keys Intracoastal Waterway

	<u>10 Hour Day</u>
Project Surveyor	\$ 850.00
Three Man Survey Crew.....	\$ 1350.00
26' Survey Boat	\$ 450.00
Trimble RTK System.....	\$ 350.00
Odom CVM	\$ 85.00
Hypack Navigation Software.....	\$ 50.00
	<u>\$ 3,135.00/Day</u>

x 10 days = \$ 31,350.00

V. Data Reduction and Drafting

Chief Surveyor
16 hours @ \$135/hr \$ 2,160.00

Project Surveyor
40 hours @ \$85/hr \$ 3,400.00

Computer Technician
80 hours @ \$65/hr \$ 5,200.00
\$ 10,760.00

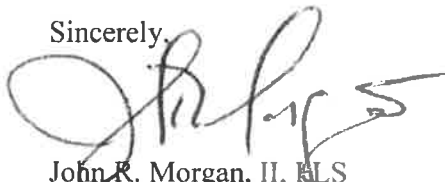
Total Cost I-V..... \$ 68,045.00

Please note that this proposal does not include any work for marking the boundary line of the Everglades National Park. We are currently working on that estimate.

This bathymetric survey project can be completed within 60 days from the notice to proceed.

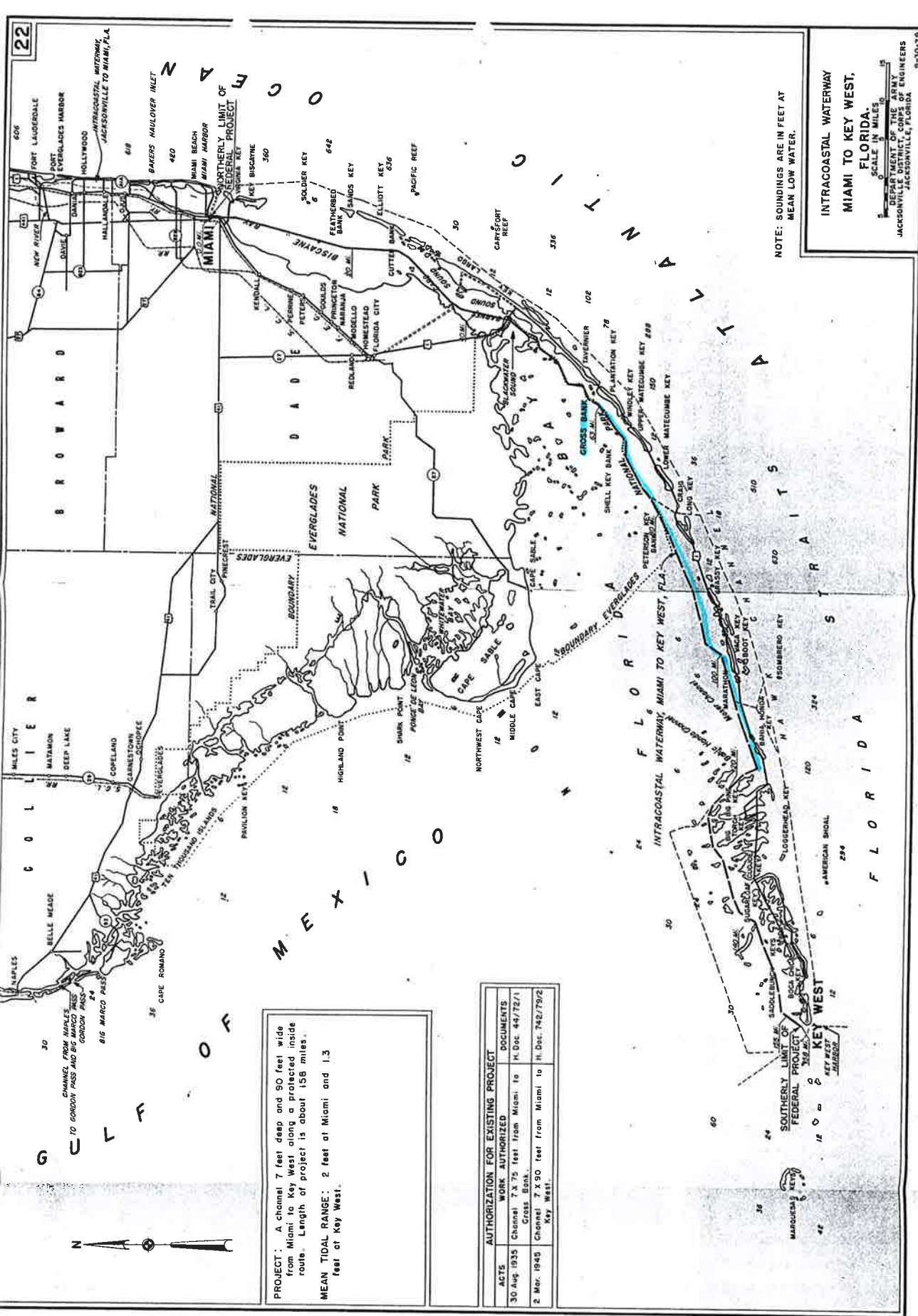
As always, Morgan & Eklund, Inc. appreciates this opportunity to work with you and the Florida Inland Navigation District.

Sincerely,



John R. Morgan, II, ELS
President

JRM:sm



BOAT PARADE AGREEMENT

This Agreement is entered into this _____ day of _____, 20__ by and between the FLORIDA INLAND NAVIGATION DISTRICT ("FIND") and _____ (the "Project Sponsor").

WHEREAS, Project Sponsor has requested that FIND provide funding for the annual _____, a community, holiday boat parade (boat parade) in _____ County along the Atlantic Intracoastal Waterway or other eligible District waterway; and

WHEREAS, FIND is willing to provide such assistance the Boat Parade in _____ County subject to the terms and provisions of this Agreement for the benefit of the citizens and visitors of the District.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein, the parties hereby agree as follows:

1. FIND shall provide an amount not to exceed \$_____ for the Boat Parade. The funding provided by the District shall only be used to pay for out of pocket expenditures related to specific boat parade program expenses such as advertising, T-shirts, promotional items, etc... The funding provided by the District shall not be allocated for parties, food or beverages. The District shall be recognized in all written, audio or video advertising and promotions as a participating sponsor of the boat parade event.

2. The funds to be provided by FIND to the Project Sponsor hereunder will be paid within thirty (30) days of the final execution of this agreement.

3. Project Sponsor shall, upon request by FIND, provide a report of final expenses incurred on the boat parade event. The Project Sponsor shall also retain all records supporting costs of the boat parade event for three (3) years after the end of the

Project Sponsor until final resolution of matters resulting from any litigation, claim, or special audit that starts prior to the expiration of the three-year retention period.

4. If Project Sponsor shall fail to fulfill in a timely and proper manner the obligations under this Agreement, or if Project Sponsor shall violate any of the covenants, terms, or stipulations of this Agreement, FIND shall thereupon have the rights to terminate this Agreement and have the funding returned. Notwithstanding the above, Project Sponsor shall not be relieved of liability for damages or expenses as contemplated herein sustained by FIND by virtue of any breach of the Agreement by Project Sponsor.

5. Any notice or other written communications between Project Sponsor and FIND shall be considered delivered when posted by certified mail or delivered in person to the respective party at the address indicated below:

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

To the Project Sponsor: _____

Attention: Event Coordinator

6. This instrument embodies the entire agreement of the parties. There are no provisions, terms, conditions or obligations other than those contained herein; and this Agreement shall supersede all previous communication, representation or agreements, either verbal or written between the parties hereto. This Agreement shall not be modified unless in writing and signed by both parties hereto.

7. This Agreement shall be interpreted and construed pursuant to the laws of the State of Florida.

8. The rights and duties arising under this Agreement shall inure to the benefit of and be binding upon the parties hereto and their respective successors and assigns. Neither party may assign this Agreement nor any interest hereunder without the express prior written consent of the other party.

9. Waiver of a breach of any provision of this Agreement shall not be deemed a waiver of any other breach of the same or different provision.

10. FIND's obligations hereunder are limited to providing the agreed upon funding. FIND shall not incur any responsibility for the conduct of the Boat Parade, which shall be the sole responsibility of the project sponsor.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed as of the date first above written.

FLORIDA INLAND NAVIGATION DISTRICT

By: _____

Executive Director

By: _____

Name: _____

Title: _____

FLORIDA INLAND NAVIGATION DISTRICT

BOAT PARADE PROGRAM POLICY

The following constitutes the policy of the Florida Inland Navigation District regarding the provision of funding for organized boat parades for the waterways within the District.

1. The District shall fund a maximum of 3 boat parades per waterway, per year within a county.
2. The boat parade must be sponsored by a government agency, a not-for-profit corporation or an established boating or boating-related organization. Funding will not be provided to individuals organizing a boat parade.
3. District funding shall be limited to \$500 per waterway, per county. The applicant shall provide a budget clearly delineating where FIND funding will be dispersed.
4. The District shall be recognized in all written, audio or video advertising and promotions as a participating sponsor of the boat parade event.
5. The funding provided by the District shall only be allocated to reimburse the applicant for out of pocket expenditures related to specific boat parade program expenses such as advertising, T-shirts, promotional items, etc... The funding provided by the District shall not be allocated for parties, food or beverages.
6. The District Board shall make all final decisions concerning the provision of funding for a boat parade event.

Subject: Comparison of Federal Miller Act and Florida "Little Miller Act"

From: Peter Breton <pbreton@blesmlaw.com>

Date: 10/22/2012 2:57 PM

To: David Roach <droach@aicw.org>, Mark Crosley <mcrosley@aicw.org>

After the discussion of the problems the lower-tier subcontractors and suppliers in ACOE projects have getting paid, I thought it would be instructive to see if it would make any difference in FIND projects. In Federal projects, the Miller Act requires a payment bond for contracts over \$100,000. For Florida projects, Sec. 255.05, F.S. (the "Little Miller Act") requires a payment bond for contracts over \$200,000. Both acts limit the scope of who can file a claim against the payment bond. I have attached a table showing which level of contractors and suppliers/materialmen can and cannot make a claim.

Interestingly, everyone who can file a claim under the Miller Act can also file a claim under the Little Miller Act. And everyone who is barred from filing a claim under the Miller Act is also barred under the Little Miller Act except for a 3rd Tier supplier/materialman who has a direct contract with a 2nd Tier Sub-subcontractor. Otherwise, coverage under both acts is essentially the same.

So—with that one exception---subcontractors and suppliers/materialmen would not be any better off when FIND is contracting the work than they would be if ACOE is contracting the work.

Also, the Legislature added subsection (11) to the act in 2012 to limit the ability of the public entity to require the contractor to furnish proof of payment of the lower-tier contractors and materialmen before making payment to the contractor:

(11) When a contractor furnishes and records a payment and performance bond for a public works project in accordance with this section and provides the public authority with a written consent from the surety regarding the project or payment in question, the public authority may not condition its payment to the contractor on the production of a release, waiver, or like documentation from a claimant demonstrating that the claimant does not have an outstanding claim against the contractor, the surety, the payment bond, or the public authority for payments due on labor, services, or materials furnished on the public works project. The surety may, in a writing served on the public authority, revoke its consent or direct that the public authority withhold a specified amount from a payment, which shall be effective upon receipt. This subsection applies to contracts entered into on or after October 1, 2012.

The conclusion is that there may be situations where FIND cannot force the lower-tier contractors and suppliers to pay the companies even further down the ladder, even when we are letting the prime contract.

Sincerely,
Peter L. Breton
Breton, Lynch, Eubanks & Suarez-Murias, P.A.
1209 North Olive Avenue
West Palm Beach, FL 33401
561-721-4003
561-721-4001 (Facsimile)

Tax Advice Disclosure: To ensure compliance with requirements imposed by the IRS under Circular 230, we inform you that any U.S. federal tax advice contained in this communication (including any attachments), unless otherwise specifically stated, was not intended or written to be used, and cannot be used, for the purpose of (1) avoiding penalties under the Internal Revenue Code or (2) promoting, marketing or recommending to another party any matters addressed herein.

The information contained in this electronic mail transmission may be attorney/client privileged and confidential. It

is intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copy of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone collect at 561-721-4100. Thank you.

No virus found in this message.

Checked by AVG - www.avg.com

Version: 2012.0.2197 / Virus Database: 2441/5345 - Release Date: 10/21/12

Attachments:

Federal Miller Act vs Florida Little Miller Act.doc

35.5 KB

FEDERAL MILLER ACT				FLORIDA LITTLE MILLER ACT			
TIER							
	PRIME CONTRACTOR			CONTRACTOR			
	↑			↑			
1ST	SUBCONTRACTOR			SUBCONTRACTOR			SUPPLIER
	↑			↑			↑
2ND	SUB-SUBCONTRACTOR			SUB-SUBCONTRACTOR			SUPPLIER
	↑			↑			↑
3RD	SUB-SUB-SUB CONTRACTOR			SUB-SUB-SUB CONTRACTOR			SUPPLIER
	↑			↑			↑

SHADED BOXES HAVE NO CLAIM AGAINST THE BOND.

THE ONLY DIFFERENCE IN COVERAGE IS THAT A SUPPLIER (ALSO REFERRED TO AS A MATERIALMAN) TO A SUB-SUBCONTRACTOR IS COVERED BY THE FLORIDA LITTLE MILLER ACT.

RESOLUTION NO. 2010-06

**A RESOLUTION OF THE BOARD OF COMMISSIONERS
OF FLORIDA INLAND NAVIGATION DISTRICT, ESTABLISHING THE MAXIMUM
TRAVEL REIMBURSEMENT RATES FOR MEALS AND MILEAGE**

WHEREAS, the Florida Inland Navigation District (the "District") is a special independent taxing district of the state of Florida established and operating under several sections of Chapter 374, Florida Statutes; and

WHEREAS, pursuant to s.374.978, FS. the District is subject to the travel and per diem rates established by s.112.061, FS.; and

WHEREAS, the Florida Legislature added subsection (14) to s. 112.061 which allows special districts to establish travel and per diem rates that exceed those specified in s.112.061, FS. by the passage of a resolution.

NOW, THEREFORE, be it resolved by the Board of Commissioners of the Florida Inland Navigation District:

Section 1. The Board hereby establishes the mileage rate for travel in an individual's personal vehicle to be the standard mileage rate established by the Internal Revenue Service for the calendar year of the travel incurred.

Section 2. The Board hereby establishes the meal allowances as breakfast \$25, lunch \$16 and dinner \$40, not to exceed the Internal Revenue Service high cost location meal and incidental expense (MI&E) rates for each location/county (unless the location/county is not a high cost county then the standard rates apply) in effect when the expense is incurred.

Section 3. The Board hereby establishes the maximum per diem rate to be the Internal Revenue Service high cost location per diem rate for lodging, meal and incidental expense for each location/county (unless the location/county is not a high cost county then the standard rates apply) in effect when the expense is incurred.

Section 4. This Resolution shall become effective on January 1, 2011.

Upon motion by Commissioner Barkett and seconded by Commissioner Blow, the Board approved the Resolution as follows:


Norman S. Bray	Yes
Michael D. Mesiano	Yes
J. Carl Blow	Yes
Jon Netts	No
Nancy J. Freeman	Yes
Jerry H. Sansom	Yes
Bruce D. Barkett	Yes
Gail Kavanagh	Yes
Donald J. Cuozzo	Yes
Donn Colee	No
Tyler E. Chappell	Yes
T. Spencer Crowley	Absent

The Chair thereupon declared the resolution duly passed and adopted this 4th day of December, 2010.

**FLORIDA INLAND NAVIGATION
DISTRICT**

By: 
Jerry H. Sansom, Chair

ATTEST:

By: 
Gail Kavanagh, Secretary

RESOLUTION NO. 2012-07

**A RESOLUTION OF THE BOARD OF COMMISSIONERS
OF FLORIDA INLAND NAVIGATION DISTRICT, ESTABLISHING THE MAXIMUM
TRAVEL REIMBURSEMENT RATES FOR MEALS AND MILEAGE**

WHEREAS, the Florida Inland Navigation District (the “District”) is a special independent taxing district of the state of Florida established and operating under several sections of Chapter 374, Florida Statutes; and

WHEREAS, pursuant to s.374.978, FS. the District is subject to the travel and per diem rates established by s.112.061, FS.; and

WHEREAS, the Florida Legislature added subsection (14) to s. 112.061 which allows special districts to establish travel and per diem rates that exceed those specified in s.112.061, FS. by the passage of a resolution.

NOW, THEREFORE, be it resolved by the Board of Commissioners of the Florida Inland Navigation District:

Section 1. The Board hereby establishes the mileage rate for travel in an individual’s personal vehicle to be the standard mileage rate established by the Internal Revenue Service for the calendar year of the travel incurred.

Section 2. The Board hereby establishes the meal allowances as breakfast \$15, lunch \$16 and dinner \$40, not to exceed the Internal Revenue Service high cost location meal and incidental expense (MI&E) rates for each location/county (unless the location/county is not a high cost county then the standard rates apply) in effect when the expense is incurred.

Section 3. The Board hereby establishes the maximum per diem rate to be the Internal Revenue Service high cost location per diem rate for lodging, meal and incidental expense for each location/county (unless the location/county is not a high cost county then the standard rates apply) in effect when the expense is incurred.

Section 4. This Resolution shall become effective on November 17, 2012.

Upon motion by Commissioner _____ and seconded by Commissioner _____,
the Board approved the Resolution as follows:

Norman S. Bray
Aaron L. Bowman
J. Carl Blow
Jon Netts
Nancy J. Freeman
Jerry H. Sansom
Bruce D. Barkett
Gail Kavanagh
Donald J. Cuzzo
Donn Colee
Tyler E. Chappell
T. Spencer Crowley

The Chair thereupon declared the resolution duly passed and adopted this 16th day of
November, 2012.

**FLORIDA INLAND NAVIGATION
DISTRICT**

By: _____
Donn R. Colee, Jr., Chair

ATTEST:

By: _____
J. Carl Blow, Secretary