

**Board of
Commissioners Meeting
December 11, 2015**

PRELIMINARY AGENDA

FLORIDA INLAND NAVIGATION DISTRICT Board of Commissioners Meeting

9:00 a.m., Friday, December 11, 2015

The Shores
2637 South Atlantic Ave.
Daytona Beach Shores, FL 32118-5643

Item 1. **Call to Order.**

Chair Blow will call the meeting to order.

Item 2. **Pledge of Allegiance.**

Secretary McCabe will lead the Pledge of Allegiance to the United States of America.

Item 3. **Roll Call.**

Secretary McCabe will call the roll.

Item 4. **Consent Agenda.**

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

(Please see back up pages following the **COLOR** page)

RECOMMEND: Small-Scale Derelict Vessel Removal Program Application, Miami-Dade County, FL.

Item 5. **Additions or Deletions.**

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

RECOMMEND: Approval of a final agenda.

Item 6. **Public Comments.**

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

Item 7. **Board Meeting Minutes.**

The minutes of the following meetings are presented for approval.

- November 14, 2015 - Finance & Budget Committee Mtg. (Please see back up pp 8 - 11)
- November 14, 2015 - Board Meeting (Please see back up pages 12 - 36)

RECOMMEND: Approval of the minutes as presented.

Item 8. **Comments from the U.S. Army Corps of Engineers.**

U.S. Army Corps of Engineers (USACE) Intracoastal Waterway Project Manager, Ms. Shelley Trulock is scheduled to present an update on projects and activities.

(Please see back up pages 37 - 42)

Item 9. **Staff Report on Volusia County Area Projects.**

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

(Please see back up pages 43 - 70)

Item 10. **Presentation on the Intracoastal Waterway Hydrographic Centerline Survey North, Brevard County through Nassau County, FL.**

It is essential to the District's long-range management of the waterway that a hydrographic baseline, or "centerline" survey of the Intracoastal Waterway be conducted approximately every eight to ten years. This effort provides information to the District, our engineers (Taylor Engineering) and the U.S. Army Corps of Engineers (USACE) to determine and schedule dredging needs and Dredged Material Management Area (DMMA) construction and operation.

Last year, the Board approved surveying the entire waterway in two main "sections" (north and south). The data is provided to the District Engineer for initial analysis and recommendations. Taylor Engineering will provide a brief presentation on the results of the IWW Centerline Survey North.

(Please see back up pages 71 - 78)

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

Item 11. Presentation and Discussion on Dredged Material Management Area Salinity Planning Relating to Site Design, Management and Operations.

The District has purchased sixty-three (63) permanent upland Dredged Material Management Area (DMMA) sites for the long-range operation and management of the Intracoastal Waterway (IWW) within the 12-member counties. These sites were identified and purchased under an award-winning, precedent-setting, 50-year Dredge Material Management Plan (DMMP) for the IWW conducted by Taylor Engineering.

Site construction has been prioritized according to need and funding availability, with the highest priority (i.e. dredging frequency or need) constructed first. As the District moves forward with construction of ALL of the identified sites, additional considerations and concerns have arisen that influence how these sites will be constructed and/or operated. The most significant of these concerns pertains to the potential introduction of salinity into upland sites. Taylor Engineering has provided a preliminary review of those sites that appear to pose the greatest need for salinity management, and they will present their initial recommendations to the Board for discussion.

(Please see back up pages 79 - 86)

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

Item 12. Scope of Services and Fee Proposal for a Preliminary, District-Wide, Commercial and Industrial Waterway Access Inventory.

At several of the past recent Board meetings, discussion has focused on the availability of commercial/industrial waterway access within the District's 12-member counties. This discussion has also included possible District incentives and activities that could promote the establishment and operation of these facilities.

Planning Solutions Corporation in Daytona Beach, FL has provided the District with a scope and fee quote to conduct a preliminary analysis of available sites, and to provide recommendations to access or acquire these sites for future use.

The final outcome of this effort would be to inform waterfront communities of the need for these type of facilities and demonstrate the available incentives to establish and operate them. The final document will be posted on the District's website, and all waterfront communities within the District will be notified of its availability.

(Please see back up page 87 - 90)

RECOMMEND: Approval of a proposal and fee quote in the amount of \$21,000.00 from Planning Solutions Corp. to conduct a District-wide, preliminary inventory of Commercial and Industrial Waterway Access in the District's twelve (12) member counties.

Item 13. Presentation and Review of the Consultants Competitive Negotiation Act For Florida.

The Board has expressed concerns pertaining to the District's compliance with the Consultants Competitive Negotiation Act (CCNA), specifically Florida Statue Title 19, Chapter 287, Section 287.055 governing the "acquisition of professional architectural, engineering, landscape architectural, or surveying and mapping services; definitions; procedures; contingent fees prohibited; penalties."

The CCNA applies only to those listed services and was developed to allow organizations to obtain the most qualified, eligible professional services without subjugating to least costs exposure.

The District Attorney has prepared a brief presentation on this subject and is prepared to answer any questions.

(Please see back up pages 91 - 106)

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

Item 14. Scope of Services and Fee Proposal for Engineering and Environmental Services for the Palm Beach Intracoastal Waterway Deepening Project South, Palm Beach County, FL.

With the successful initiation of the Palm Beach Intracoastal Waterway (IWW) Deepening Project North (located west of Peanut Island), focus has now turned to the need to increase channel depth to support marine operations in the south-central portion of the IWW in Palm Beach County.

The existing IWW is authorized at -10' Mean Low Water (MLW) similar to the recently initiated north section. There are numerous marine business and public docks located within the south project area, as well as the annual Palm Beach International Boat Show. Economic analysis, accompanied by testimony from the marine users and the industry, supports the need for increased IWW channel depth south of the Port of Palm Beach to the City of West Palm Beach.

Taylor Engineering has provided a scope of services and a fee quote in the amount of \$264,122.30 for the engineering and permitting of the Palm Beach IWW Deepening Project South. Of the proposed work, approximately \$137,073.00 represents the sub-contractor fees for hydrographic surveying and geotechnical investigations. Staff has reviewed the proposal and found it to be consistent and reasonable for the proposed work.

(Please see back up page 107 - 124)

RECOMMEND: Approval of a proposal and fee quote from Taylor Engineering for a time and material costs not to exceed \$264,122.30 for the Palm Beach Intracoastal Waterway Deepening Project South, Palm Beach County, FL.

Item 15. Update on the Selection Committee Geographic Information Systems Presentation Review for Continuing Services, Initiating with Palm Beach County, FL.

At the November 14, 2015 meeting, the Board approved the Selection Committee's top three ranked firms responding to a Request for Proposals (RFP) to update the District's Geographic Information System (GIS). The Board also recommended that the Selection Committee entertain presentations from the top three ranked firms and determine the best path forward in working with the finalist.

The Selection Committee will meet on December 9, 2015 to hear three presentations. The recommendations and path forward on this project will be presented to the full Board at the December meeting.

(Please see back up pages to be presented at Board meeting)

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

Item 16. Personnel Salary Adjustments for FY 2015-2016.

Staff is requesting the Board authorize a maximum percentage for potential staff salary increases or bonuses for FY 2015-2016, including the Executive Director's performance. Typically, the Personnel Committee would meet to advise the full Board on recommendations for personnel items. With two members of the Committee absent, staff conferred with the Chair to place this item on the main Board agenda.

(Please see back up pages 125 - 139)

RECOMMEND: Approval of a maximum percentage for personnel salary adjustments for FY 2015-2016.

Item 17. Finance and Budget Committee Report.

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

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

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

Item 18. Washington Report.

The District's federal governmental relations firm has submitted a status report concerning activity on the District's federal issues and is scheduled to provide a brief presentation.

(Please see back up pages 140)

Item 19. **Additional Staff Comments and Additional Agenda Items.**

Item 20. **Additional Commissioners Comments.**

Item 21. **Adjournment.**

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

**SYNOPSIS OF THE MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT
FINANCE AND BUDGET COMMITTEE MEETING**

8:30 a.m., Saturday, November 14, 2015

Hutchinson Island Marriott Beach Resort & Marina

555 NE Ocean Boulevard

Stuart, Martin County, Florida 34996-1620

ITEM 1. Call to Order.

Committee Chair Netts called the meeting to order at 8:32 a.m.

ITEM 2. Roll Call.

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

ITEM 3. Additions or Deletions.

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

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

ITEM 4. Public Comments.

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

ITEM 5. Financial Statements for September of 2015.

Mr. Crosley presented the District's financial statements for September of 2015. He noted that September is the end of the District's Fiscal Year. He noted that staff did a good job of predicting the District's budget and expenses and therefore there is no need for a year-end Budget Amendment for FY 2014-2015.

Mr. Crosley noted that the State of Florida has closed the State Board of Administration Account (SBA) Fund "B" and those funds were transferred to the SBA Fund "A" account. The District has closed SBA Fund "A" and the funds were moved into the District's BB&T checking account. He noted that the District did not lose any funds in these accounts. Staff will transfer those funds to Seacoast Bank and close the BB&T checking account.

Mr. Crosley stated that staff changed the District's tax collections account to Seacoast National. Mr. Crosley stated that approximately \$4 million for the assistance program project close-out funding is being held for final paperwork. He noted that Ms. Zimmerman makes sure that the correct paperwork has been submitted before disbursing the project funding.

Mr. Crosley stated that staff is working with Gateway Bank, Seacoast Bank, and TD Bank in an effort to obtain higher Money Market interest rates. He noted that staff is diligent about shopping for the best interest rates.

Mr. Crosley stated that to date, expenses have been \$20 million. He noted that upon disbursement of the assistance program and other final year-end expenses, the District will have collected and expensed approximately \$22 million for FY 2014-2015.

Mr. Crosley stated that the DMMA DU-8 construction project has been completed. He asked for questions. There were none.

Commissioner Sansom made a motion to approve a recommendation to the full Board of the financial statements for September of 2015. The motion was seconded by Secretary McCabe. Committee Chair Netts asked for any additional discussion. Hearing none, a vote was taken and the motion passed.

ITEM 6. September 2015 Budget Summary and Project Status Expenditure Reports.

Mr. Crosley presented the Expenditure and Project Status Reports and Condensed Budget Summary for September 2015.

Commissioner Sansom stated that he would like the expenses labeled differently, perhaps to reflect funding that is budgeted and not disbursed instead of the Difference.

Chair Blow suggested noting the item with an asterisk as funding that has been allocated and not disbursed at the bottom on the page and refer the item to the full schedule.

ITEM 7. Delegation of Authority Report.

Mr. Crosley presented the Executive Director's Delegation of Authority Report and stated that four (4) actions were taken from October 6, 2015 through November 3, 2015 and is presented for committee review. He asked for any questions. There were none.

ITEM 8. Additional Agenda Items or Staff Comments.

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

ITEM 9. Additional Commissioners Comments.

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

ITEM 10. Adjournment.

Committee Chair Netts stated that hearing no further business the meeting was adjourned at 8:47 a.m.

**SYNOPSIS OF THE MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Board of Commissioners Meeting

9:00 a.m., Saturday, November 14, 2015

Hutchinson Island Marriott Beach Resort & Marina

555 NE Ocean Boulevard

Stuart, Martin County, Florida 34996-1620

ITEM 1. Call to Order.

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

ITEM 2. Pledge of Allegiance.

Vice-Chair Cuzzo led the Pledge of Allegiance to the Flag of the United States of America.

ITEM 3. Roll Call.

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

ITEM 4. Consent Agenda.

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

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

ITEM 5. Additions or Deletions.

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

Mr. Crosley stated that he would like to add to the agenda: Item 7A, Change Order, Palm Beach Intracoastal Waterway Deepening Project, Palm Beach County, Florida; and, Item 7B, Martin County Small-Scale Derelict Vessel Removal Project Request, Martin County, Florida. He asked that the Board be flexible with these presentations because staff is waiting on guest speakers to arrive.

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

ITEM 6. Public Comments.

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

ITEM 7. Board Meeting Minutes.

Chair Blow asked if there were any comments or questions regarding the October 16, 2015 Finance & Budget Committee Minutes, and the Board Meeting Minutes.

Mr. Crosley stated that a correction needs to be made to the October 16, 2015 Board Meeting Minutes, Item 7, to read: "Treasurer" Netts to paragraph five.

Commissioner Isiminger stated that a correction needs to be made to the October 16, 2015 Board Meeting Minutes, Item 12, by changing the "words promotional and reward" to "informational" to paragraph 14.

Chair Blow stated that a correction needs to be made to the October 16, 2015 Board Meeting Minutes, Item 15, by adding the sentence “He stated that he will pursue changing the Deed Restriction wording in the agreement” to paragraph nine.

Treasurer Netts made a motion to approve the October 16, 2015 Meeting Minutes, as amended. The motion was seconded by Commissioner Sansom. Chair Blow asked for discussion. Hearing none, a vote was taken and the motion passed.

Mr. Crosley noted that the presenters for Item 7A and Item 7B have not arrived and he recommended moving on to Item 8 of the agenda.

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

Mr. Crosley noted that Ms. Shelley Trulock, the Intracoastal Waterway (IWW) Project Manager with the U.S. Army Corps of Engineers (USACE), received an award for her “Outstanding Support of the Intracoastal Waterway (AIWW)” from the Atlantic Intracoastal Waterway Association (AIWA). Ms. Trulock stated that she has a great team in Jacksonville and without their support she would not be able to do what she does. She stated that she also appreciates the District’s support and the relationship between the USACE and FIND.

Ms. Trulock stated that the Plans and Specifications for construction of DMMA O-7 are being finalized. She stated that the project is planned for advertisement in March of 2016 and contract award in May of 2016. She has reached out to the USACE’s Small Business Contractors to brainstorm the best path forward for this construction project. She is planning to present the Project Work Order at the February 2016 FIND Board Meeting.

Ms. Trulock stated that the USACE is moving forward with permitting the IWW Broward Reach I dredging project. She will be proceeding with the permit and

environmental investigations this coming Monday. Borings completed last year show that the material is 10% fine and can be placed on the beach. The project will remove approximately 50,000 cubic yards of material from the Federal Channel utilizing near-shore material disposal. Because this is a small-quantity project, the most cost effective way to pursue the dredging may be utilization of a USACE dredge, either the Currituck or Murden.

Ms. Trulock stated that development of the Plans and Specifications for the St. Augustine and Matanzas reaches of the IWW is ongoing. A hydrographic survey will be performed to verify the amount and location of the shoaling. This project will be completed by the USACE's small business MATOC contracting process. She stated that the project is planned for advertisement in February of 2016, contract award in April of 2016, and a Work Order should be brought to FIND in March of 2016.

Chair Blow stated that he has received several telephone calls regarding boats that have run aground in the Matanzas area.

Treasure Netts noted that if the boaters follow their GPS they will run aground. Boaters should use the marked channel identifying the deep water. He noted that the U. S. Coast Guard could alleviate some of the problem with additional day markers.

Ms. Trulock stated that she received an e-mail from the Vilano Group wanting to place sand on the beach north of the St. Augustine Inlet. She noted that the group has not received any pipeline easements, environmental documentation, or the Florida Department of Environmental Protection (FDEP) permit.

Chair Blow stated that he has met with the group and he and Mr. Crosley have explained the District's position, notified the group that the FIND project is forth coming, and the Vilano folks need to get their paperwork and permits in place.

Mr. Crosley commented that the material dredged from the Matanzas Inlet is not great beach quality material. He also noted that the Matanzas IWW dredging project takes place every five years. He stated that the District will work with the local community as much as possible.

Ms. Trulock stated that she is skeptical that the St. Augustine Port District's permit will be ready in time for the District's project. She noted that the dredged material may not be compatible for beach placement and the District's project cost may increase because of the expense to run a pipeline to the north.

Treasurer Netts asked about the status of the Summerhaven River initiative. Chair Blow stated that all permits are in place and the initiative has approached the Florida Legislature for funding. Mr. Jim Marino with Taylor Engineering stated that the final project design is being completed.

Ms. Trulock stated that the Plans and Specifications for construction of DMMA O-23 will be developed in March of 2016. She stated that a National Environmental Policy Act coordination will be required for this project. Taylor Engineering has completed a coastal survey, but there is some additional environmental coordination work to complete. This project will be ready for contract advertisement in January of 2017.

Ms. Trulock stated that a small problematic shoal within the IWW Crossroads area has been identified and the USACE has been asked to investigate the most efficient way to remove it. Martin County has offered the settling basin within the St. Lucie Inlet as a

location to dispose of the material. The USACE will meet to establish the path forward and determine what permit action is needed, and if the USACE dredge can be used. Modifying the existing Crossroads permit to add the existing settling basin as a disposal option seems to be the most likely path forward. Mr. Crosley noted that this is a short-term dredging activity to help manage the Crossroads shoal. The Crossroads area is one of the District's most frequently dredged areas. He noted that Taylor Engineering is working to develop a long-term option to decrease dredging activity in the Crossroads area.

Commissioner Donaldson noted that in May of 2016 Martin County will be removing material out of the Crossroads sediment basin for beach renourishment.

ITEM 7A. Change Order, Palm Beach Intracoastal Waterway Deepening Project, Palm Beach County, Florida.

Mr. Crosley stated that the District's Palm Beach Intracoastal Waterway (IWW) Deepening Project commenced on October 23, 2015. Shortly into the project, the dredge began encountering significant coquina limestone formations within the dredging template. The pre-dredge and historic geotechnical boring (core boring) data suggested the potential for rock formations within the dredging template was minimal.

Mr. Crosley stated that through an Executive Director's emergency authorization for \$20,000.00, staff worked with Taylor Engineering to initiate an additional ten core borings of the dredging template. While this data is still being analyzed, the initial findings suggested that there are coquina limestone formations scattered throughout the dredging template.

Mr. Crosley stated that the contractor, working with Taylor Engineering, has given the District a preliminary change order and associated costs to include the additional rock encountered within the dredging template. An analysis was requested for both a dredging

template of -15' Mean Low Water (MLW), or achieving the original, designed and permitted template of -15' MLW + -2' (17') over-dredge depth. The additional costs associated with each of these options are \$469,328.00 and \$1,498,060.28, respectively. He noted that the original engineer's estimate for this project was roughly \$1.9 million, and the current Board-approved low bid from Cavache, Inc. is for \$1,185,822.00.

Mr. Crosley stated that at minimum, the project needs to achieve a -15' MLW depth. The original economic analysis conducted by GEC in 2011 suggested the project should achieve -21' MLW for maximum and long-term economic benefits. Considering the abnormally lengthy permitting time and costs necessary to achieve a dredging project, especially a deepening project, the associated engineering and staff time involved, and the actual costs of dredging operations, including but not limited to, mobilization and demobilization costs, the likelihood of this area being dredged in the near future is remote. This should be considered in any analysis of project cost modification alternatives and change orders.

Commissioner Isiminger stated that he would like to hear from the District's engineer which option would be the best choice.

Ms. Lori Brownell stated that staff's recommendation to dredge -15' MLW at an additional cost of \$469,328.00 is with the assumption that the rock is very limited and the contractor will dredge to -17' MLW where there is not rock. She stated that -17' MLW will be a critical depth for commercial vessels. She does not expect that the entire channel will have rock.

Commissioner Isiminger asked if once the contractor has completed the project, dredged to -15' MLW where there is rock and dredged to -17' MLW where there is not

rock, will they come back and dredge the rock area to -17' MLW at the same cost. Ms. Brownell stated that would require another change order. She noted that at that point, the specific quantity of rock to be dredged would be known.

Commissioner Chappell made a motion to approve a change order not to exceed the amount of \$1,498,060.28 million to achieve -17' MLW as a result of a change in project conditions for the Palm Beach IWW Deepening Project, Palm Beach County, Florida. The motion was seconded by Vice-Chair Cuzzo. Chair Blow asked for discussion.

Secretary McCabe questioned if this change order is an additional cost over the original project contracted cost. Mr. Crosley answered yes and noted that this will bring the project to approximately \$600,000.00 over the original engineering estimate.

Treasurer Netts stated that it makes sense to dredge the entire project at -17' MLW the first time around. He stated that if part of the channel is -15' MLW and part is -17' MLW, the public could have the perception that the channel is now at -17' MLW and that will be a problem for larger vessels.

Mr. Jason Sprague, with Rybovich Marina, stated that based on core borings he feels that there will be less rock as the project moves north.

Commissioner Isiminger stated that he supports dredging the -17' MLW straight through the entire project.

Treasurer Netts asked if the District is comfortable with a system to pay the rock rate only when rock is removed from the channel. Ms. Brownell answered yes, and stated that Taylor Engineering will be in the field monitoring the project. Also the As-Built Survey will be completed before final payment is made.

Treasurer Netts stated that he would support a one-time of dredging effort, monitoring what is being dredged, and paying for rock removal and sand removal as identified. Mr. Crosley noted that the contractor is very cooperative and wants to work with the District long-term.

Commissioner Donaldson suggested that during rock excavation, a representative from Taylor Engineering be on site to monitor that work.

Vice-Chair Cuzzo asked Mr. Marino if Taylor Engineering has enough personnel to monitor this project. Mr. Jim Marino stated that Taylor Engineering has sufficient staff to monitor this project and he noted that Cavache is a most trusted dredging company.

Mr. Jason Sprague stated that nine years ago -13' MLW would have been a sufficient depth for the IWW. He stated that Rybovich Marina had a ten-year vision and built the facility to accommodate 140' long yachts with a 15-foot draft. That ten-year vision only took three years to realize. The average yacht today is 198' long and pulls a 17-foot draft. Today, there are eleven yachts larger than 200' and they go elsewhere, outside of the United States for service. If a 200' yacht's propeller is damaged, the repair cost is \$20,000.00 to repair and re-balance it. If the propeller is not repairable, the cost will be \$250,000.00 to replace, take six months of down-time, and the Captain can lose his job. He stated that if a Captain is not comfortable with the channel depth, it is his decision whether to come into the boat yard. He stated that he would love to see a -21' MLW channel depth, but is happy with a -17' MLW depth.

Commissioner Sansom asked the difference in the size of the yachts that can be serviced with a -17' MLW and a -21' MLW channel. Mr. Sprague stated that for annual basic service maintenance a 225' yacht requires 1,500 man-hours and a 275' to 300' yacht

requires 3,500 in-water man-hours. The average man-hour range is from \$85.00 to \$105.00 per hour. He stated that a basic interior re-fit can cost \$5 million and up.

Mr. Sprague stated that Rybovich Marina installed a dry dock at the Port of Palm Beach in October of 2012 to handle the vessels that were not capable of using the shallow-water to the marina. That dry dock has not been without a mega-yacht on it for repairs except during three weeks when it was taken out of service for maintenance. To date, Rybovich has worked on six yachts at the Port of Palm Beach facility. He stated that Captains are always asking Rybovich when the channel is going to be deepened. Those large yachts will not come to this area because they do not want to use the Port of Palm Beach facility, noting it is a commercial facility and not designed for white boats.

Commissioner Sansom stated that mega-yacht owners would like their yachts serviced in the United States. Those facilities must have enough clean water and be deep enough for the yacht to safely use. He noted that he would favor working towards the process to dig the channel to -21' MLW.

Mr. Crosley stated that this process started out at a -21' MLW depth and the federal environmental agencies would not permit it.

Treasurer Netts called the question.

Commissioner Chappell made a motion to approve a change order not to exceed the amount of \$1,498,060.28, to achieve -17' MLW, with Taylor Engineering oversight, as a result of a change in project conditions for the Palm Beach IWW Deepening Project, Palm Beach County, Florida. The motion was seconded by Vice-Chair Cuozzo. Chair Blow asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 7B. Martin County Small-Scale Derelict Vessel Removal Project Request, Martin County, Florida.

Ms. Zimmerman stated that Martin County has submitted a funding assistance request for the removal of a derelict vessel located near the intersection of the OWW and IWW Crossroad's area in Stuart, Florida. The total project cost is estimated to be \$17,500.00 and Martin County requested 75% in funding from FIND.

Mr. Larry Massey and Ms. Michelle Owen, with Martin County, stated that the derelict vessel is currently out of the water.

Ms. Owen stated that the Florida Fish and Wildlife Conservation Commission (FWC) will be pursuing charges against the vessel owner.

Mr. Massey stated that the vessel was 50 tons larger than documented. He stated that the U. S. Coast Guard will be contacting the vessel owner regarding the fuel spill cost that could be as much as \$500,000.00.

Commissioner Sansom made a motion to approve Martin County's request for up to \$13,125.00 cost-share from the District's Small-Scale Derelict Vessel Removal Project program, Martin County, Florida. The motion was seconded by Vice-Chair Cuzzo. Chair Blow asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 9. Staff Report on Martin County Area Projects.

Mr. Crosley stated that Phase I of the Dredged Material Management Plan (DMMP) for the 21 miles of the Intracoastal Waterway in Martin County was completed in 1993. He stated that Phase II of the DMMP was also completed in 1993 and all major land acquisition was completed in 2001.

Mr. Crosley stated that the 50-year dredging projection for the IWW is 1.4 million cubic yards and the storage projection is 2.7 million cubic yards. Maintenance Dredging

in Reach II in the Crossroads area is 85% of the dredging volume and dredging occurs every three years and was last dredged in the summer of 2013.

Mr. Crosley noted that the District is also the local sponsor for navigation of the 97 miles of the Okeechobee Waterway (OWW) in Martin and Palm Beach Counties. Phase I of the DMMP for the OWW from the Crossroads to the St. Lucie Lock was completed in 1998 and from the St. Lucie Lock to the western Martin County line was completed in 2007. Phase II of the DMMP from the Crossroads to the St. Lucie Lock was completed in 2001 and the Phase II Plan from the Lock to the western county line was completed in 2009.

Mr. Crosley stated that the 50-year dredging projection for the OWW is 1.5 million cubic yards and the storage projection is three million cubic yards.

Mr. Crosley stated that the acquisition of four Dredged Material Management Areas to serve the section of the OWW from the Crossroads to the St. Lucie Lock was completed in 2006. The acquisition of two sites to serve the section of the OWW from the St. Lucie Lock to the western Martin County line is ongoing; LT-4A is complete. The purchase of LT-13 has been temporarily suspended to evaluate more cost-effective alternatives for the low dredging volumes associated with this waterway.

Mr. Crosley stated that to date, one of the seven upland Dredged Material Management Areas in the county has been fully constructed. Sites MSA 524B and MSA 504 were cleared in 2010. Site DMMA O-7 was undergoing permitting and a final design by Taylor Engineering. Development of the site in 2016 will be undertaken with the assistance of the U. S. Army Corps of Engineers (USACE).

Mr. Crosley noted that the other DMMA sites are in various phases of pre-construction, environmental permitting, engineering, or design.

Mr. Crosley stated that the partial offloading of M-5 by Lucas Marine for the Ft. Pierce Waterfront Protection Project has been completed. Approximately 110,000 cubic yards of material was offloaded at no expense to the District to assist with the construction of barrier islands offshore of the Fort Pierce Marina. Minimal damage to the existing gabion mats at M-5 occurred during the offloading and was repaired by the contractors. He stated that a full replacement of these mats will be forthcoming in the next few years.

Mr. Crosley stated that dredging a portion of Routes 1 & 2 of the Okeechobee Waterway within the OWW was completed in 2012, removing some small but critical shoals totaling about 6,700 cubic yards of material. Dredging of the Crossroads Area of the IWW and OWW was completed in 2010, again in the summer of 2013, and is scheduled for dredging in 2016. The District is coordinating with the USACE to determine the feasibility of limited hopper dredging of the area in the near-term. Reach IV of the OWW will be dredged in 2017 following the construction of DMMA O-7.

Mr. Crosley stated that the Martin County Waterways Economic Study was completed in 2000 and updated in 2011. He stated that the update found that since the recession, the economic output of waterway-related businesses in the county has decreased by \$443.1 million, employment decreased by 2,601 jobs, and \$18.8 million in waterway related tax revenue was lost. Current economic output of waterway related businesses is \$639.9 million, with 3,750 jobs, wages of \$156.5 million and \$28 million in tax revenues. He stated that property values were determined to be increased by \$588 million by the presence of the IWW channel. He stated that the study shows that these economic benefits

would be reduced by over half if maintenance dredging of the waterways in the county ceased.

Mr. Crosley stated that since 1986, the District has provided \$8.7 million in Waterways Assistance Program funding to 74 projects in the county having a total constructed value of \$56.9 million. He stated that the county, the county Sheriff's Office, the City of Stuart and the Town of Jupiter Island have participated in the program.

Mr. Crosley stated that the District's Cooperative Assistance Program has provided funding assistance for 26 state and regional agency projects with elements in Martin County.

ITEM 10. Agreement with the Marine Industries Association of South Florida for Additional Communication Services for the Broward Intracoastal Waterway Deepening Project, Broward County, Florida.

Mr. Crosley noted that at the previous meeting in October, the Board requested specific changes to the consultant's scope of work for this effort. Those changes have been incorporated and the original terms of the agreement between the District and the MIASF remain at nine (9) months in duration, for a maximum amount of \$5,000.00 per month.

Mr. Chuck Malkus, Chief Strategy Officer with STARMARK.COM, stated that the purpose of this proposed agreement is to be ready for the unexpected. The second point is that this project is anticipated to be a high profile project and the mechanisms should be in place should something go wrong. The third point is that due to the extent of this project, the work will continue through one hurricane season, if not two seasons. Should a storm or other adverse weather condition occur, the District needs to be in a position to respond and have the appropriate messages ready to provide to the public.

Commissioner Chappell made a motion to approve the proposed agreement with MIASF for communication and support services for the Broward IWW Deepening Project, Broward County, Florida. The motion was seconded by Commissioner Donaldson. Chair Blow asked for discussion.

Commissioner Sansom referred to the small print at the bottom of the estimate and asked if that relates to the Marine Industries Association of South Florida (MIASF). Mr. Crosley answered yes. Commissioner Sansom, noted that the small print in no way relates to FIND.

Chair Blow asked if there was any other discussion. Hearing none, a vote was taken and the motion passed. Treasurer Netts opposed the motion.

ITEM 11. License Agreement with FPL for Property Use to Facilitate the Development of an Alternate Access Road to the Port Everglades Dredged Material Management Area, in Conjunction with the Broward County Intracoastal Waterway Deepening Project, Broward County, Florida.

Mr. Crosley stated that staff, the District's Attorney and the District's Engineer have been negotiating with Florida Power and Light (FPL) since April of 2014 to obtain a license agreement for access to FPL property in the vicinity of Port Everglades. This agreement is necessary to develop an alternate access road to the Port's Dredged Material Management Area (DMMA), which is being utilized for the District's Intracoastal Waterway (IWW) Deepening Project. The project was approved by the Board at the October 16, 2015 meeting.

Mr. Crosley stated that the development of this road was a condition for access to the Port's DMMA. The details have been finalized and there is an additional estimated cost of \$182,520.00 to implement the specifications of the FPL License Agreement.

Secretary McCabe asked if the \$182,520.00 fee includes the monthly License Fee. Mr. Crosley answered yes and noted that this is a two-year agreement.

Commissioner Sansom suggested that staff contact Mike Sole with FPL because the District has a good relationship with him and he understands the District's work.

Chair Blow stated that "for the record," FPL is requiring that FIND install concrete traffic barriers for the access road. He noted that FPL understands the type of equipment that the District will be using on this access road and FPL has provided the concrete traffic barrier type, size, and specifications, as Exhibit D.

Mr. Crosley noted that he will be attending the contractor and sub-contractor meetings and will make everyone aware that any driver violating the speed limit or showing any dis-concern for the limitations in this contract, will be dismissed immediately.

Commissioner Isiminger made a motion to approve a License Agreement with FPL and \$182,520.00 in estimated fees to utilize FPL property to develop an alternate access road to the Port Everglade's DMMA facility for the Broward County Intracoastal Waterway Deepening Project, Broward County, Florida. The motion was seconded by Commissioner Donaldson. Chair Blow asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 12. Scope of Services and Fee Proposal for the Okeechobee Cut 1 (Crossroads) Sediment Basin Development and Channel Alignment Alternatives, Martin County, Florida.

Mr. Crosley stated that Taylor Engineering has been working on the development of a sediment basin in the area of the Okeechobee Waterway (OWW) at Cut 1 and Cut 2 that intersects the Intracoastal Waterway (IWW) at the St. Lucie Inlet. This area, known

as “Crossroads”, is one of the District’s highest dredging frequencies with a project implemented almost every three years.

Mr. Crosley stated that the extensive modeling associated with the various alternatives examined for this project has led to a promising and potentially cost-effective alternative for a sediment basin which will allow for “advance maintenance” and decrease dredging frequency and costs.

Mr. Crosley stated that the District Engineer has provided a scope of work and fee quote to develop this alternative and incorporate channel alignment alternatives to maximize the effectiveness of this effort.

Treasurer Netts made a motion to approve the proposal and fee quote from Taylor Engineering in the amount of \$164,600.06 for design, engineering and permitting of a sediment basin and channel alignment alternatives for the Okeechobee Waterway Cut 1 (Crossroads), Martin County, Florida. The motion was seconded by Commissioner Chappell. Chair Blow asked for discussion. Hearing none, a vote was taken and the motion passed. Commissioner Williams opposed the motion.

ITEM 13. Presentation of the St. Lucie and Palm Beach County Seagrass Mitigation Reports, St. Lucie and Palm Beach Counties, Florida.

Dr. Steve Schropp with Taylor Engineering stated that he has been working to identify potential seagrass mitigation areas in St. Lucie and Palm Beach counties. This effort is being undertaken for all counties that have submerged aquatic vegetation (SAV) concerns (i.e. south of, and including Brevard County).

Dr. Schropp stated that efforts to work with the regulatory agencies’ interpretation of SAV protection rules, including the requirement of mitigation for maintenance projects, has been less than successful. In addition, any new projects or modifications of existing

projects (for example deepening or widenings in the IWW) will require mitigation. The effort to identify those areas preliminarily available for mitigation provides an initial assessment of the conditions of a particular county and a direction to pursue for mitigation requirements.

Dr. Schropp stated that the objective is to determine potential locations for suitable seagrass habitat creation on FIND or USACE property and evaluate property with low areas or sub-tidal elevations for the potential to create seagrass restoration areas. In St. Lucie County 27 potential sites were identified. All of the sites are north of the inlet and include several spoil islands. In Palm Beach County 16 sites were identified. The Palm Beach County sites are mostly upland sites. He stated that he is recommending performing a similar study in Broward and Miami-Dade Counties.

Treasurer Netts asked if the District is required to perform seagrass mitigation and once the project has been completed, does the District have to monitor the site to prove that seagrass mitigation has been successful. Mr. Crosley stated that the site would have to be monitored for a minimum of five years.

Mr. Crosley stated that the District's efforts to alleviate permitting concerns, even for maintenance dredging, have been less than successful. It is not because the District is not making the effort, it is because the environmental regulations have been established and it is difficult to change established regulations. The District needs to identify potential mitigation sites for any type of dredging that the District performs above and beyond maintenance dredging. Without performing this preliminary mitigation site identification, some of these opportunities may be lost.

Commissioner Chappell stated that he supports this effort and noted that in Broward County, the District may want to consider some submerged private parcels as the owners may be willing to sell those parcels.

Secretary McCabe asked if there is an underlying disagreement on how the Federal Government interprets the need for mitigation for maintenance versus other types of dredging. Mr. Crosley stated that the USACE recognizes that the IWW is a congressionally authorized channel that is partially manmade and dug from uplands in areas, and there would not have naturally been water in those areas. The USACE's stance is that this channel has been and continues to be maintained for navigation. The environmental section of the USACE has to coordinate with the commenting agencies and so far all commenting agencies have been supportive of maintenance for mitigation, based on the changes to the Magnuson-Stevens Act. He stated that the District knows that mitigation will be required for projects beyond the congressionally authorized channel. He stated that he feels that it is ridiculous that the District has to consider mitigation for maintenance dredging.

Mr. Crosley noted that Mr. John Sprague went to Washington D.C. to talk to the National Marine Fisheries Service (NMFS) and NMFS stated that there should be no more single family docks built in south Florida.

Chair Blow stated that occasionally a property owner requests that the District release the easement on their property. He cautioned the Board to be really careful about releasing any property or easements, because it may be needed for mitigation.

ITEM 14. Scope of Services and Fee Proposal for Permitting and Final Design of Dredged Material Management Area BV-24A, Brevard County, Florida.

Mr. Crosley stated that Taylor Engineering has provided a scope of services and a fee quote for the permitting and final design of Dredged Material Management Area (DMMA) BV-24A. Last year, the Board approved an exchange of property at this location with Brevard County to protect valuable Florida Scrub Jay habitat and provide the District a developable site with less environmental concerns.

Mr. Crosley stated that this site is necessary for the long-term maintenance and management of the Intracoastal Waterway (IWW) and has been identified and approved in the District's 50-year Dredged Material Management Plan (DMMP). The site will be evaluated in "phases" to determine the most cost-effective methodology of site development.

Mr. Crosley stated that of the proposed work, approximately \$301,469.00 represents the work performed by the geotechnical sub-contractor on this project. This work is the most important information to gather to determine the final site specifications and design. Staff has reviewed the proposal and found it to be consistent and reasonable for this work. In addition, Brevard County is scheduled to reimburse the District \$88,823.38 for this effort as part of the terms of the property exchange agreement.

Commissioner Sansom stated that Brevard County is willing to relocate the gopher tortoise turtles. Mr. Crosley stated that Brevard County will take the gopher tortoise turtles for relocation within 90 days prior to site development.

Commissioner Chappell asked about aquifer concerns with salinity intrusion. Ms. Brownell stated that the site is about a mile further inland than most of the other District

DMMAAs. The site will be managed similar to DMMA-BV-4B with perimeter ditches around the site.

Mr. Crosley noted that that salinity issues at District sites are more of an issue than first thought. He noted that the District will use these sites in perpetuity and will need to perform due diligence on each site. A Phase I salinity analysis will be presented at the District's December meeting.

Commissioner Williams asked if the District could find another engineering firm that could perform this work cheaper. Mr. Crosley stated that design build services fall under the Florida Statute, the Consultant Competitive Negotiation Act (CCNA). CCNA requires government agencies to select a consulting firm "based on qualifications" rather than on a "lowest bid" basis. He reminded the Board that the District does competitively bid construction projects.

Secretary McCabe stated that this topic comes up frequently and it looks as if there is a problem. She noted that she does not feel that currently there is a problem. She suggested a workshop to discuss the CCNA process.

Commissioner Isiminger stated that CCNA qualification-based selection process, as adopted by the Florida Legislature requires government to select an engineering firm by qualifications, competence, track record and availability. Taylor Engineering meets these qualifications. If the design is correct from the start, the overall project cost is usually less.

Commissioner Donaldson stated that he prefers that Taylor Engineering oversee the contractors on this project. He views that as a benefit to the District.

Secretary McCabe made a motion to approve a proposal and fee quote from Taylor Engineering up to the amount of \$556,108.90 for the design, engineering and permitting of

the long-range, permanent facility DMMA BV-24A, Brevard County, Florida. The motion was seconded by Treasurer Netts. Chair Blow asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 15. Review and Approval of the Selection Committee Rankings and the Negotiation of a Continuing Services Contract for the Geographic Information System Updates, Initiating with Palm Beach County, Florida.

Ms. Zimmerman stated that the effort to update the District's Geographic Information System (GIS) was approved by the Board at the September 12, 2015 meeting. The District then released a Request for Proposals (RFP) to update the information and mapping data for Palm Beach County.

Ms. Zimmerman stated that the District received fifteen (15) responses to the RFP. These responses were reviewed and ranked by a review committee and are presented in descending order. Staff recommends the Board approve the final ranking of the review committee, and approve staff to negotiate a continuing services contract with the top three ranked firms. This would preclude repeating the RFP effort should a firm under perform.

Commissioner Isiminger stated that 20 years ago he used the GIS service at FIND and FIND had the best GIS program in the county and was the leader in the area with GIS maps, surveys and photographs. Recently, FIND has not kept up with the times, as far as the GIS program. FIND, as the local depository of all GIS information is not only a benefit to the District, but to the public as well.

Treasurer Netts asked about the project cost. Mr. Crosley stated that upon Board approval of the final ranking of the review committee, staff will contact the top three ranked firms and ask for a Board presentation that includes project costs. Treasure Netts asked if the Board must choose the lowest cost firm. Mr. Crosley answered no.

Commissioner Chappell stated that he does not feel that FIND should change the RFP process and look at all three of the top ranked firms by project costs. Commissioner Isiminger stated that was discussed at the committee meeting. He noted that the RFP includes the statement that “firms may be asked to make a verbal/oral presentation”.

Secretary McCabe noted that this RFP was handled properly.

Secretary McCabe made a motion to approve the selection committee’s recommended ranking of respondents to a Request for Proposals for GIS services, with approval to negotiate a continuing services contract with the top three ranked firms. The motion was seconded by Treasurer Netts. Chair Blow asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 16. Finance and Budget Committee Report.

Committee Chair Netts stated that the District’s Finance and Budget Committee met before today’s Board meeting. He noted that the committee reviewed and recommends approval of the September 2015 financial information.

Committee Chair Netts made a motion to approve the recommendations of the District’s Finance and Budget Committee. The motion was seconded by Commissioner Sansom. Chair Blow asked for discussion. Hearing none, a vote was taken and the motion passed.

ITEM 17. Washington Report.

Mr. Crosley stated that the House approved a Bipartisan Budget to fund the federal government through FY 2017. This is significant because the House wanted to avoid a government shutdown during an election year.

Congressman Ryan is the new House Speaker.

Mr. Crosley stated that the budget includes mini-pot funding for the IWW. The USACE will administer the funding for shallow-draft, low-use commercial navigation.

Mr. Crosley stated that the District Washington D. C. trip will be either March 7-10, 2016 or March 14-17, 2016.

ITEM 18. Additional Staff Comments and Additional Agenda Items.

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

Mr. Crosley stated that he has passed out a list of new Committee Assignments.

ITEM 19. Additional Commissioners Comments.

Chair Blow asked if there were any additional commissioner comments.

Commissioner Williams noted that he would like to see the agenda go electronic.

Commissioner Chappell stated that he attended the AIWA conference and noted that it was an excellent conference. He stated that FIND staff, USACE, and Taylor Engineering also attended the conference. The conference included guest speakers in the industry and included the United States Maritime Administrator.

Commissioner Chappell suggested staff talk to Mr. Davenport about the IWW in the District's sponsor area and the cost of the environmental aspect of project permitting.

Commissioner Sansom stated that he attended the Florida Fish and Wildlife Conservation Commission (FWC) Derelict Vessel Workshop. Attendees encouraged the FWC to approach the Florida Legislature for derelict vessel appropriation and the FWC has asked the legislature for a \$1.5 million for Derelict Vessel funding.

Mr. Crosley stated that staff has been investigating the purchase of a new District truck. He stated that staff has been looking at 2015 year-end closeout vehicles. He stated that staff has two District vehicles. The Ford truck is the field vehicle and is used to haul

materials, haul the ATV, pull the boat, and site visits. The truck has 170,000 miles and is having mechanical problems. He stated that the new vehicle needs to be able to tow the boat and must have four-wheel drive. The other District vehicle, a Dodge SUV is used for District meetings and only has 80,000 miles and is good for another year. He asked if the Board is comfortable to authorize staff to spend up to \$30,000.00 on a new District truck.

Treasurer Netts made a motion to approve the staff purchase a new District vehicle, not to exceed, \$30,000.00. The motion was seconded by Vice-Chair Cuzzo. Chair Blow asked for discussion. Hearing none, a vote was taken and the motion passed.

Chair Blow suggested staff look at the Toyota Tundra. He noted that content of all of these vehicles are made in America.

Vice-Chair Cuzzo suggested staff obtain a state contract vehicle quote.

ITEM 20. Adjournment.

Chair Blow stated that hearing no further business the meeting was adjourned at 12:00 p.m.



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

**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
December 11, 2015**



WORK ACTIVITIES IN FY 16:

1. DMMA O-7 (Martin County)
2. IWW: Broward Reach 1 (Broward County)
3. IWW: St. Augustine and Matanzas (St. Johns County)
4. DMMA O-23 (Martin County)
5. Crossroads (Martin County)



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

IWW STATUS UPDATE FIND Board of Commissioners Meeting December 11, 2015



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 O-7

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: Finalization of plans and specifications, environmental coordination, procurement and administration of the construction contract for DMMA O-7.

SCHEDULE O-7:

Contract Advertisement Initiated:	31 March 2016
Bid Opening:	29 April 2016
Contract Award:	27 May 2016

FIND WORK ORDER: Funding for completion of P&S will be funded with 100% federal funding. A work order will be presented to the FIND Board in February 2016 to fund construction of DMMA O-7.

NAME OF CONTRACTOR: TBD

STATUS: P&S for DMMA O-7 are underway and expected to be completed with all reviews by the 3rd week of March 2016. Advertisement is currently scheduled for 31 March 2016. The Corps team met on 16 Nov 2015 to discuss the path forward for the procurement. The team is proposing utilization of a "Least Cost Technically Acceptable" method. What this allows the team to do is receive bids and evaluate on their technical merit. For example, 5 bids come in and 3 are determined to be technically acceptable. The least cost of the 3 would be chosen. We can still utilize the small business program with this procurement strategy



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

**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
December 11, 2015**



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

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: A hydro survey was performed by Morgan and Ecklund and provided to the Corps on 26 June 2014. There is approximately 50k cy of material located within the federal channel down to 10' and 80k cy down to 10'+2'. Given the small quantity, the most cost effective way to pursue the dredging would be utilization of a Corps of Engineers dredge, either the Currituck or Murden, and dispose of in the nearshore.

SCHEDULE: TBD

FIND WORK ORDER: P&S will be funded 100% with Federal funding in 2016. Dredging will likely be funded with FIND Contributed Funds in 2017.

NAME OF CONTRACTOR: TBD, but anticipate dredging will be performed with a Wilmington District dredge.

STATUS: On 16 Nov 2015 a team meeting was held to kick off the effort. The team will proceed with the appropriate NEPA documentation as well as obtaining an FDEP permit for the dredging action and placement in the nearshore. The team will utilize seagrass mapping that Regulatory has performed to assist in our coordination activities with NMFS. Mapping does not show seagrasses in the channel within this reach nor hard bottoms. There does appear to be sparse seagrass within the anchor zones that we will address. The placement area is the area immediately offshore of the approved Broward Segment 2 shore protection project which means that there is some existing information readily available, such as cultural surveys.



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

**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
December 11, 2015**



3. WORK ACTIVITY: IWW St. Augustine / Matanzas

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: Development of Plans and Specifications for St. Augustine and Matanzas reach of the IWW. Plan is to combine these two reaches to save in mobilization cost since both require the same equipment and have the same placement method.

SCHEDULE: (Tentative)

- | | |
|---------------------------|---------------|
| • Obtain Survey | 6 Nov 2015A |
| • Initiate P&S | 16 Nov 2015A |
| • Verify NEPA/FDEP permit | 16 Nov 2015A |
| • Complete Draft P&S | 14 Jan 2016 |
| • Advertise Contract | 17 Feb 2016 |
| • Contract Award: | 19 April 2016 |

FIND WORK ORDER: P&S will be funded 100% with Federal funding in 2016. Anticipate a work order for dredging at the January 2016 FIND Board Meeting.

NAME OF CONTRACTOR: TBD

STATUS: Plans and specifications were kicked off on 16 Nov 2015. The team is fast tracking these plans and specifications to get us to an April award of the contract...which will allow for utilization of the small business MATOC. The hydro survey obtained by FIND is being used as the basis for the plans and specifications. Since we will be placing within Anastasia State Park, a use agreement will need to be developed (gives us permission to place on state lands). It is also required to trap beach mice prior to placement on State Park lands, and the Environmental lead and PM will begin that coordination as well.



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

**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
December 11, 2015**



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

CONTRACT AMOUNT: TBD

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

SCHEDULE: (Tentative)

- | | |
|----------------------|---------------|
| • NEPA Kick off | 16 Nov 2015A |
| • Initiate P&S | 15 March 2016 |
| • Complete NEPA | 27 Oct 2016 |
| • Complete P&S | 4 Jan 2017 |
| • Advertise Contract | 8 Feb 2017 |
| • Contract Award: | 6 April 2017 |

FIND WORK ORDER: P&S will be funded 100% with Federal funding in 2016. Construction of DMMA O-23 will be with FIND Contributed Funds. A work order requesting funding will be presented to the FIND Board in December 2016.

NAME OF CONTRACTOR: TBD

STATUS: NEPA activities for DMMA O-23 kicked off on 16 Nov 2015 and P&S will kick off on 15 March 2016. NEPA will be extensive. A FDEP exemption will be obtained since this is upland construction. Design concepts will be the same as DMMA O-7, with the use of the same weir system. There is a federally listed plant, reindeer lichen, which grows in scrub areas which is present on the site. Probably 10-20 SF of the species is estimated to be present which will have to be relocated out of the construction area.



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

**IWW STATUS UPDATE
FIND Board of Commissioners Meeting
December 11, 2015**



5. WORK ACTIVITY: IWW Crossroads

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: Staff has identified a small problematic shoal within IWW Crossroads and has asked that the Corps investigate the most efficient way to remove it.

FIND WORK ORDER: Depending on the order of magnitude for dredging, a FIND work order may be required. Amount to be determined.

NAME OF CONTRACTOR: TBD

STATUS: There is approximately 10k cubic yards of material in a problematic shoal within the Crossroads reach of the IWW. The plan is to utilize a Corps dredge. On 16 Nov 2015 the effort was kicked off. An EA (and anticipated FONSI) is being developed to evaluate removal of this small quantity of material from the IWW and place within the settling basin (environmental documentation has never been done that evaluates this action). PM contacted Martin County and they are on board with utilizing the settling basin for this small amount of material. They are coordinating with their A/E to have the FDEP permit modified to include IWW material being placed within the basin.



VOLUSIA COUNTY PROJECT STATUS UPDATE

December 2015

Intracoastal Waterway Dredged Material Management Plan

Phase I of the Dredged Material Management Plan (DMMP) for the Intracoastal Waterway (IWW) in Volusia County was completed in 1993. Phase II of the DMMP was completed in 1994 and all major land acquisition was completed in 1997.

The 50-year dredging projection is 4.2 million cu/yds. The storage projection is 9 million cu/yds.

To date, three of the seven Dredged Material Management Areas (DMMA) in the county, MSA 434/434C, V-26 and V-29, have been fully constructed. In 2006, 780,000 cu/yds of beach quality material was offloaded from MSA 434/434C and placed on the beaches of New Smyrna to repair storm damage impacts.

All DMMA's with the exception of V-6 have been fenced. The future development footprint of DMMA V-22A has been cleared and grubbed. The presence of a bald eagle's nest on DMMA V-21 has precluded any development of that site beyond the security fence. *(Please see the attached maps).*

Waterway Dredging

In fall of 2012, the USACE hopper dredge "Currituck" conducted operations in the IWW in the vicinity of Ponce Inlet for a period of approximately four (4) days in between assignments on the U.S. east coast. Approximately 3,000 cu/yds of material was dredged for the temporary relief of shoaling in this vicinity. A full-scale dredging event was initiated in late summer of 2013 and completed in November 2013. Approximately 245,000 cu/yds were removed from Cuts V-22 through V-28 and placed in nearby MSA 434/434C under the District's upland permit exemption. The U.S. Army Corps of Engineers (USACE) is initiating Plans & Specifications to dredge this area again in 2017. *(Please see attached location & project maps)*

Waterways Economic Study

The Volusia County Waterways Economic Study Update was completed in 2011 and it found that there were approximately 284 waterway-related businesses in the county employing 1,466 people, with salaries of approximately \$53.4 million and an economic output of \$235.4 million. This economic impact generated \$11.2 million in tax revenue. Property values were determined to be increased by \$339 to \$429 million by the presence of the IWW channel. The study reports that these values would decrease by approximately 20% overall if dredging of the waterways ceased. *(Please see attached map).*

FIND



VOLUSIA COUNTY PROJECT STATUS UPDATE

December 2015

Waterways Assistance Program

Since 1986, the District has provided \$12.5 million in Waterways Assistance Program funding to 113 projects in the county having a total constructed value of approximately \$48.5 million. The county and nine waterfront municipalities, including: Volusia County; the cities of Daytona Beach, South Daytona Beach, Edgewater, Holly Hill, New Smyrna Beach, Ormond Beach, Oak Hill, Port Orange and the Town of Ponce Inlet; as well and the Ponce De Leon Inlet Authority have participated in the program. *(Please see attached listing and location map.)*

Cooperative Assistance Program

The District's Cooperative Assistance Program has provided funding assistance for the following projects with elements in Volusia County: Florida Clean Marina Program; Florida Clean Vessel Act Program; DeLeon Springs State Park Dock Design; Florida Marine Patrol Officer Funding; and the St. Johns River Boating Safety Search and Rescue Program. The District's funding assistance for the Volusia County portion of these projects was approximately \$465,000.00.

Public Information Program

The District currently prints and distributes the following brochures with specific information about Volusia County Waterways: Volusia County Manatee and Boating Safety Speed Zones; the Economic Impact of Volusia County Waterways; ICW Channel Conditions; and the ICW Moveable Bridge Guide.

Waterway Clean Up Program

The District has partnered with Volusia County for the past several years to provide funding assistance for the removal of trash and debris from Volusia County's waterways. The District provides up to \$10,000.00 per year for this program.

Small-Scale Derelict Vessel Removal Program

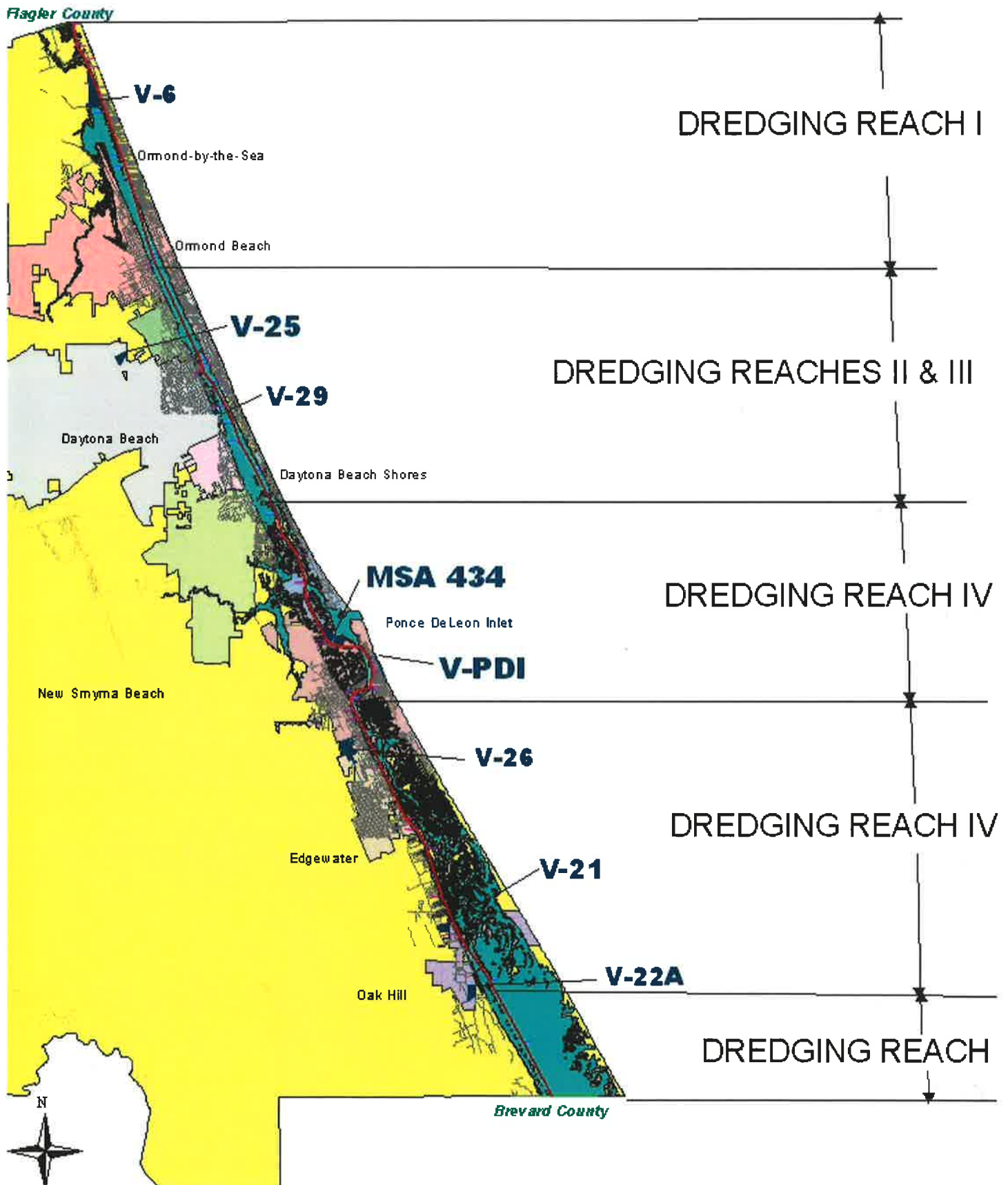
To date, no vessels have been removed in Volusia County through this program.

Small-Scale Spoil Island Enhancement and Restoration Program

The District has assisted Volusia County in the development of a Spoil Island Management Plan.

FIND

INTRACOASTAL WATERWAY
DREDGING REACHES AND
DREDGED MATERIAL MANAGEMENT AREAS
IN VOLUSIA COUNTY





■ FIND Easement
■ FIND Owned
— Canal
— ICW Right-of-Way

DMMA V-6





MSA 426/428

Jones Island Rd



FIND Easement
FIND Owned
Channel
KVV Right-of-Way

DMMA V-25







FIND Easement
FIND Owned
Channel
ICW Right-of-Way

DMMA V-29





V-29

Fremont Ct

S Beach St

Bellevue Ave

S Palmetto Ave

Short St

H St

Eight-House

can

Mooring

Spa

on a Beach



FIMD Easement
FIMD Owned
Channel
ICW Right-of-Way

MSA V-434 NORTH





FIND Easement
FIND Owned
Channel
KW Right-of-Way

MSA 434/434C







2007 Placement
Channel
CW Right-of-Way

DMMA V-PDI





V-PDI

Kirkland Rd

Crawford Rd

Condict Dr

Normandy Ave

Due E St

Lincoln Ave

Florida Ave

Flagler Ave

Cedar Ave

Oakwood Ave

Causeway

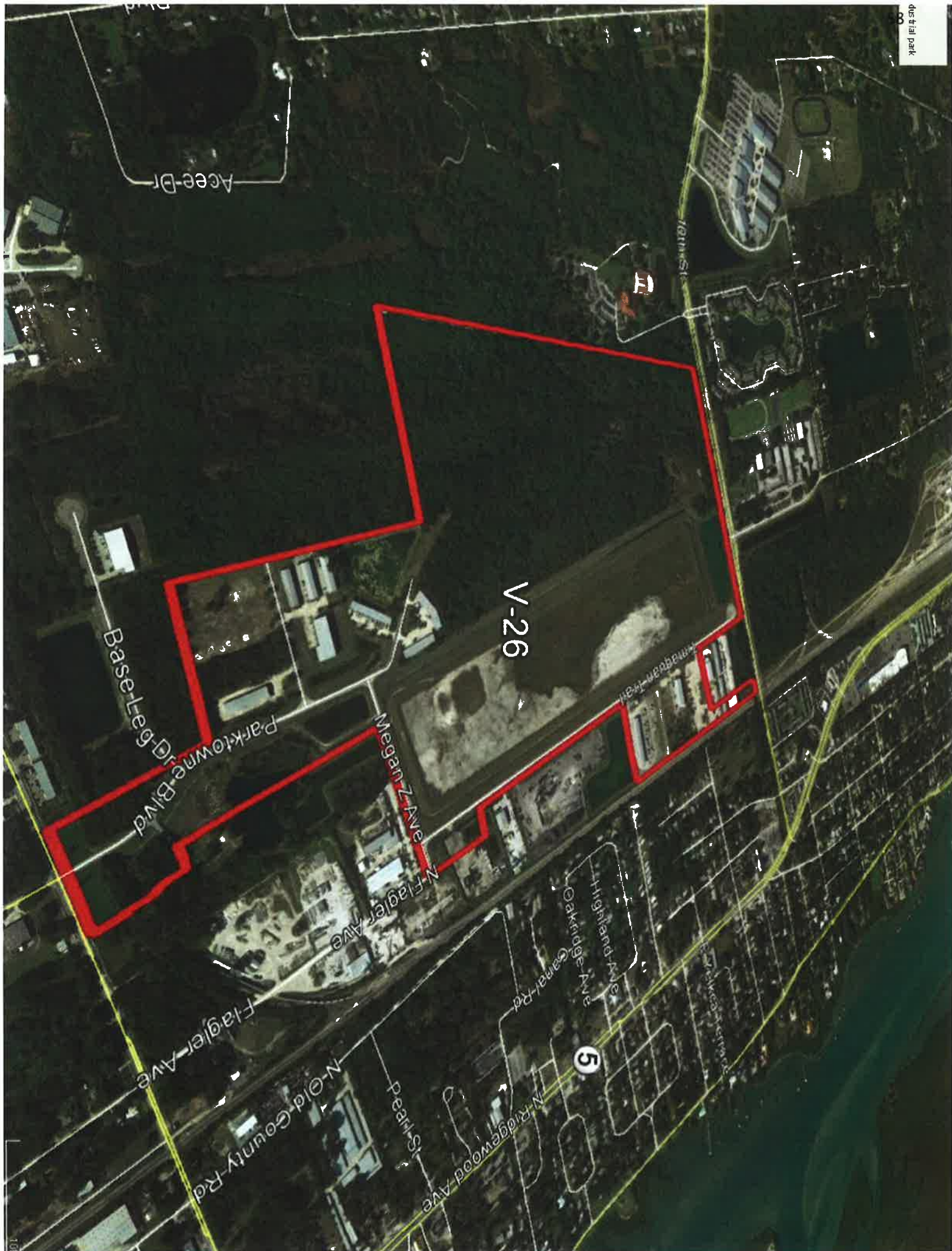
N







FIRM Easement
FIRM Owned
Channel
ROW Right-of-Way

DMMA V-26



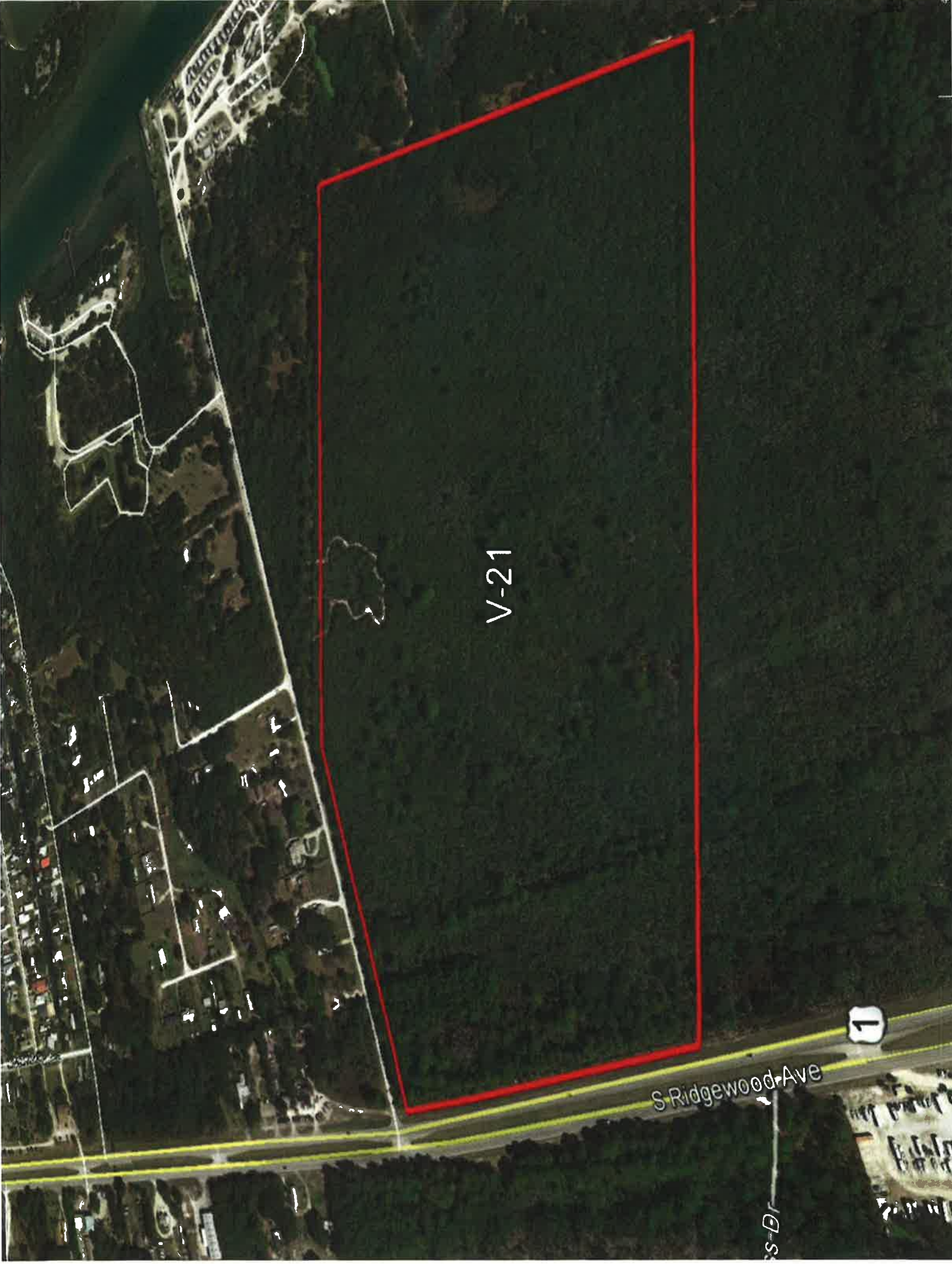




-  FIND Easement
-  FIND Owned
-  Channel
-  ICW Right-of-Way

DMMA V-21









V-21

S Ridgewood Ave

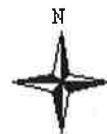
1

Ss-Dr



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

DMMA V-22A





V-22A

Bills-Rd

Bills-Hill-Rd

Sand-Ave

ECONOMIC BENEFITS OF THE DISTRICT'S WATERWAYS



Purpose

To update economic benefits in Volusia County of marine-related activities on the District Waterways, as previously estimated in *An Economic Analysis of the District's Waterways in Volusia County*, February 2003, 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

- \$235.4 million in business volume
- \$53.4 million in personal income
- 1,466 jobs
- \$11.2 million in tax revenue

Impacts of Cessation of Waterways Maintenance

- Decrease of \$49.97 million in business volume
- Decrease of \$9.2 million in personal income
- Decrease of 307 jobs
- Decrease of \$2.2 million in tax revenue

Impacts of an Increase in Waterways Maintenance

- Increase of \$7.1 million in business volume
- Increase of \$1.53 million in personal income
- Increase of 55 jobs
- Increase of \$0.3 million in tax revenue

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

- Decrease of \$115.4 million in business volume
- Decrease of \$26.2 million in personal income
- Decrease of 720 jobs
- Decrease of \$5.6 million in tax revenue

Economic Benefits as of April 2011

VOLUSIA COUNTY



ECONOMIC BENEFITS OF THE DISTRICT'S WATERWAYS

VOLUSIA 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 February 2003 in *An Economic Analysis of the District's Waterways in Volusia County*.

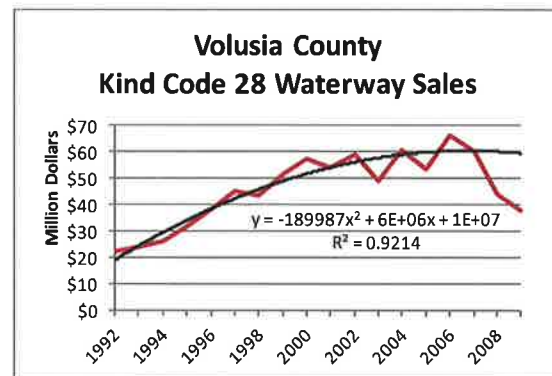
Updating of Previously Estimated Benefits

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 Volusia County decreased by 37 percent; if the recession had not occurred, it is estimated that gross sales from 2007 to 2009 would have decreased by only six percent.

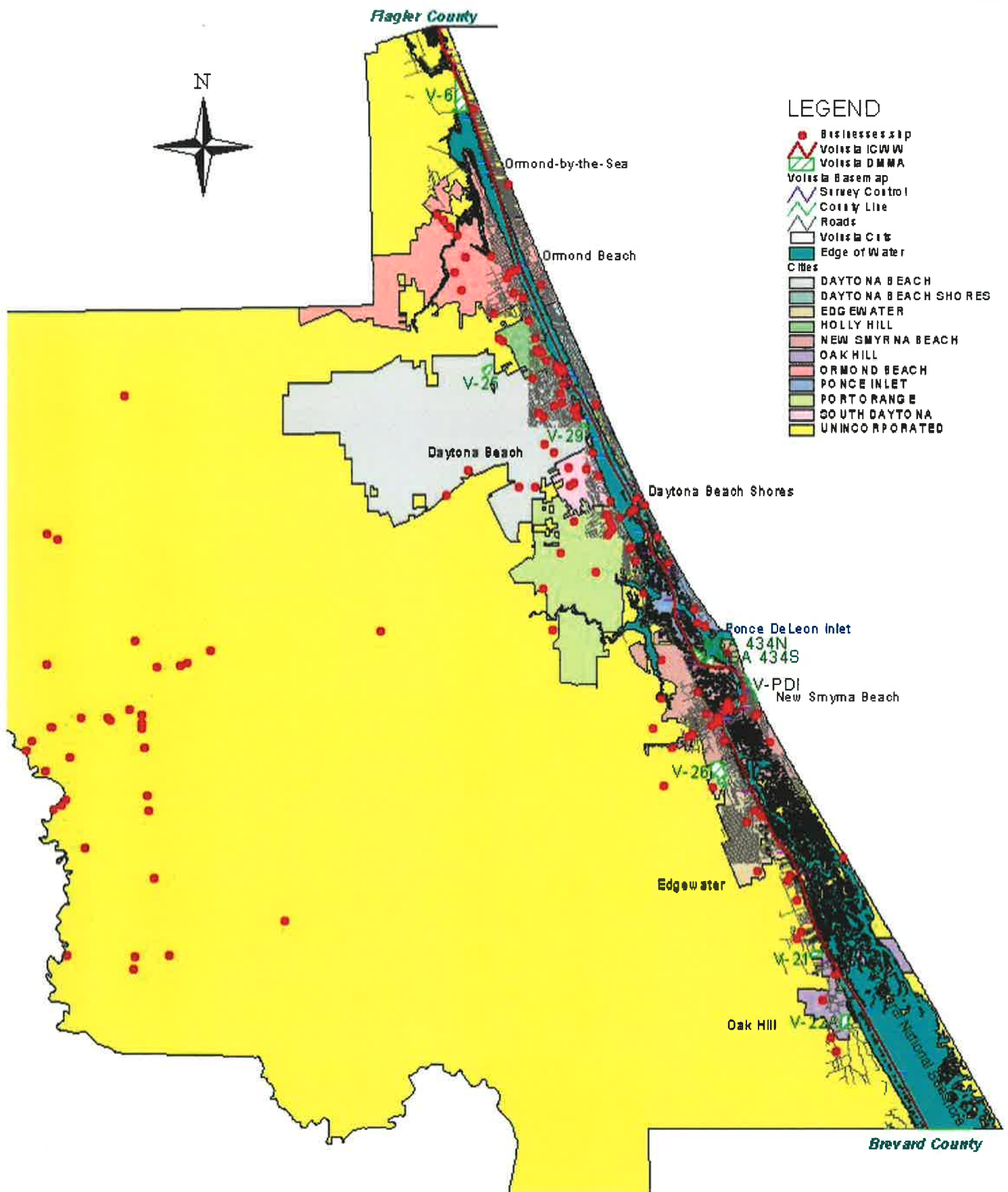


Annual Boater Spending on Gas, Food, and Drinks at Non-Marine-Related Establishments

- Current existing conditions: \$24.6 million
- Cessation of maintenance: \$21.7 million
- Increased maintenance: \$24.6 million
- Assuming no recession: \$37.4 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

Waterway Related Businesses in Volusia County

FLORIDA INLAND NAVIGATION DISTRICT - WATERWAYS ASSISTANCE PROGRAM PROJECTS IN VOLUSIA COUNTY 1986-2015

Project Name	Project Number	Project Sponsor	FIND Grant Amount	Total Cost
River Breeze Park	VO-02-55	Volusia County	\$44,000.00	\$88,000.00
South Jetty Ext.- Ponce De Leon Inlet (Project Closed)	VO-03-63	Volusia County Port Authority	\$170,800.00	\$6,500,000.00
Ed Stone Boat Ramp Park Restoration	VO-08-80	Volusia County	\$100,000.00	\$200,000.00
Ed Stone Boat Ramp Park Seawall - Phase I	VO-08-81	Volusia County	\$30,000.00	\$60,000.00
South Jetty Extension At Ponce De Leon Inlet (Expired)	VO-08-82	Volusia County	\$750,000.00	\$7,000,000.00
Ed Stone Boat Ramp Park - Seawall Construction- Ph I I	VO-10-90	Volusia County	\$100,000.00	\$200,000.00
Mariner's Cove Boat Ramp Expansion - Phase I	VO-11-93	Volusia County	\$15,000.00	\$30,000.00
Mariner's Cove Boat Ramp Expansion - Phase I I	VO-12-95	Volusia County	\$40,000.00	\$80,000.00
Highbridge Park Expansion - Phase I	VO-13-99	Volusia County	\$15,000.00	\$30,000.00
Highbridge Park - Phase I I	VO-89-3	Volusia County	\$40,000.00	\$92,050.00
Spruce Creek Preserve	VO-90-7	Volusia County	\$37,500.00	\$75,000.00
Bicentennial Park Pier And Boardwalk	VO-91-10	County of Volusia	\$28,790.00	\$57,581.00
Spruce Creek Preserve - Phase I I I	VO-91-9	County of Volusia	\$37,500.00	\$75,000.00
River Breeze Park - Phase I	VO-93-17	County Of Volusia	\$73,850.00	\$147,700.00
River Breeze Park - Phase I I	VO-94-20	Volusia County	\$300,000.00	\$755,480.00
Lighthouse Boat Ramp Facility	VO-95-22	Ponce De Leon Port Authority	\$100,000.00	\$315,720.00
Volusia Waterway Env. Education - Phase I	VO-96-28	Volusia County	\$87,500.00	\$120,000.00
Waterway Env. Education Center - Phase I I	VO-97-32	County Of Volusia	\$313,461.00	\$368,000.00
Waterways Environmental Education - Phase I I I	VO-98-35	Volusia County	\$363,000.00	\$532,000.00
Volusia Waterways Environmental Education - Phase I V	VO-99-41	Volusia County	\$161,592.00	\$720,000.00
Environmental Learning Center- Manatee Island	VO-DB-00-44	City Of Daytona Beach	\$107,000.00	\$300,000.00
Police Marine Unit	VO-DB-00-45	City Of Daytona Beach	\$58,938.00	\$80,764.00
Seabreeze Bridge/ Ballough Park	VO-DB-00-46	City Of Daytona Beach	\$86,920.00	\$225,000.00
Sickler Drive - Public Waterfront Park	VO-DB-01-50	City Of Daytona Beach	\$95,000.00	\$190,000.00
Halifax Harbor Marina Dredging Project	VO-DB-02-54	City Of Daytona Beach	\$200,000.00	\$400,000.00
Halifax Harbor North Basin Dredge - Ph I I (Withdrawn)	VO-DB-03-56	City Of Daytona Beach	\$150,000.00	\$350,000.00
Halifax Harbor South Basin Dredging	VO-DB-04-64	City Of Daytona Beach	\$200,000.00	\$400,000.00
Sickler Road Shoreline Stabilization	VO-DB-05-69	City Of Daytona Beach	\$69,000.00	\$138,000.00
Halifax Harbor North Basin Dredging - Phase I I	VO-DB-06-73	City Of Daytona Beach	\$200,000.00	\$400,000.00
Halifax Harbor North & South Basin Retention Dredging	VO-DB-08-79	City Of Daytona Beach	\$28,810.00	\$68,750.00
Halifax Harbor In- River Retention Repair	VO-DB-09-83	City Of Daytona Beach	\$263,750.00	\$527,500.00
Halifax Harbor Marina South Entrance Channel Dredging	VO-DB-10-87	City Of Daytona Beach	\$150,000.00	\$300,000.00
Halifax River Trail & Pedestrian Underpass	VO-DB-14-101	City of Daytona Beach	\$52,864.00	\$105,728.00
Root Canal Bridge & Public Boat Ramp - Phase I	VO-DB-14-102	City of Daytona Beach	\$225,000.00	\$450,000.00

FLORIDA INLAND NAVIGATION DISTRICT - WATERWAYS ASSISTANCE PROGRAM PROJECTS IN VOLUSIA COUNTY 1986-2015

Project Name	Project Number	Project Sponsor	FIND Grant Amount	Total Cost
Bethune Point Park Boat Launch Facility	VO-DB-91-11	City of Daytona Beach	\$75,000.00	\$243,000.00
City Island	VO-DB-93-16	City Of Daytona Beach	\$430,000.00	\$1,500,000.00
Halifax River Dredging, Nav. & Env. Improvements	VO-DB-94-18	City Of Daytona Beach	\$24,080.12	\$80,707.12
Riverfront Park Public Waterfront Boardwalk	VO-DB-95-24	City Of Daytona Beach	\$145,000.00	\$355,648.00
Colin's Park Public Fishing & Viewing Piers	VO-DB-96-30	City Of Daytona Beach	\$87,000.00	\$174,000.00
Riverfront Park Public Waterfront Boardwalk	VO-DB-96-31	City Of Daytona Beach	\$55,000.00	\$411,548.00
Dredging Of Halifax Harbor (Cancelled)	VO-DB-97-34	City Of Daytona Beach	\$180,000.00	\$270,000.00
Manatee Island Environmental Learning Center - Phase I	VO-DB-98-37	City Of Daytona Beach	\$50,000.00	\$81,000.00
Shoreline Stabilization & Boardwalk Repairs	VO-DB-98-38	City Of Daytona Beach	\$50,145.00	\$104,289.00
Halifax Harbor Marina Boat Ramp	VO-DB-99-42	City Of Daytona Beach	\$50,000.00	\$110,000.00
Kennedy Park Pier	VO-EW-03-57	City Of Edgewater	\$60,885.00	\$127,300.00
George Kennedy Park Seawall Restoration - Phase I	VO-EW-14-100	City of Edgewater	\$20,000.00	\$40,000.00
Riverwalk	VO-EW-91-12	City of Edgewater	\$65,000.00	\$214,080.00
Sunrise Park Dredging	VO-HH-05-70	City Of Holly Hill	\$45,000.00	\$90,000.00
Sunrise Park South - Dredging & Boat Ramp Improv.	VO-HH-14-103	City of Holly Hill	\$32,650.00	\$65,300.00
Sunrise Park	VO-HH-2	City of Holly Hill	\$100,000.00	\$430,000.00
Sunrise Park Improvements	VO-HH-90-8	City of Holly Hill	\$40,000.00	\$80,000.00
Ross Point Park - Phase I I I	VO-HH-94-21	City Of Holly Hill	\$47,500.00	\$175,000.00
Ross Point Park Pier Extension (Cancelled)	VO-HH-95-26	City Of Holly Hill	\$75,000.00	\$184,000.00
Marine Discovery Center	VO-NSB-00-47	City Of New Smyrna Beach	\$118,560.00	\$160,000.00
City Marina Reconstruction Project - Phase I	VO-NSB-01-51	City Of New Smyrna Beach	\$65,000.00	\$130,000.00
Riverside Park Shoreline Stabilization	VO-NSB-01-52	City Of New Smyrna Beach	\$62,500.00	\$125,000.00
City Marina Reconstruction Project - Year 1	VO-NSB-03-58	City Of New Smyrna Beach	\$140,000.00	\$1,172,000.00
City Marina Reconstruction Project - Year 2	VO-NSB-04-65	City Of New Smyrna Beach	\$140,000.00	\$1,075,000.00
City Marina Reconstruction	VO-NSB-05-71	City Of New Smyrna Beach	\$140,000.00	\$1,472,767.00
North Causeway Boat Ramps Reconstruction	VO-NSB-07-76	City Of New Smyrna Beach	\$200,000.00	\$400,000.00
Riverside Park Seawall - Phase I	VO-NSB-09-84	City Of New Smyrna Beach	\$85,880.00	\$171,760.00
Canal Calorie Dredging - Phase I	VO-NSB-10-88	City Of New Smyrna Beach	\$15,000.00	\$30,000.00
Riverside Park Bulkhead Repair - Phase I I	VO-NSB-11-91	City Of New Smyrna Beach	\$325,000.00	\$650,000.00
Swoope Public Boat Ramp, Kayak & Parking - Phase I	VO-NSB-11-92	City Of New Smyrna Beach	\$82,800.00	\$165,600.00
Swoope Site Boat Ramp, Parking, Dredge - Phase I I	VO-NSB-12-94	City Of New Smyrna Beach	\$494,000.00	\$988,000.00
North Causeway Boat Launch Facility Improvements	VO-NSB-13-96	City Of New Smyrna Beach	\$407,400.00	\$815,000.00
Swoope Site Boat Ramp Parking & Restroom - Phase I I B	VO-NSB-13-97	City Of New Smyrna Beach	\$171,003.00	\$342,005.00
New Smyrna Waterfront Promenade (Withdrawn)	VO-NSB-14-104	City of New Smyrna Beach	\$60,000.00	\$120,000.00

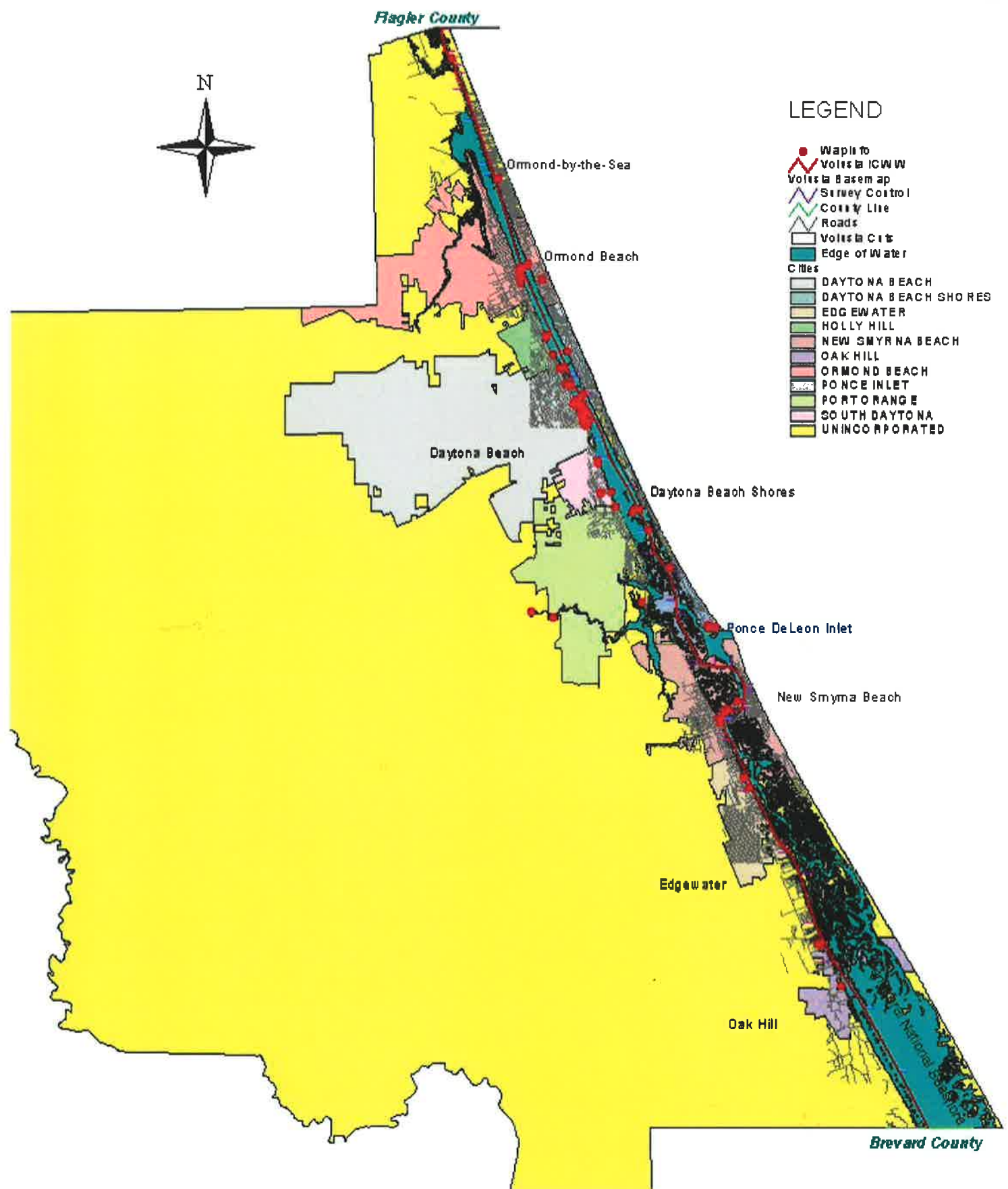
FLORIDA INLAND NAVIGATION DISTRICT - WATERWAYS ASSISTANCE PROGRAM PROJECTS IN VOLUSIA COUNTY 1986-2015

Project Name	Project Number	Project Sponsor	FIND Grant Amount	Total Cost
Buena Vista Park	VO-NSB-99-40	City Of New Smyrna Beach	\$140,000.00	\$725,000.00
Granada Bridge Pedestrian Underpass	VO-OB-00-48	City Of Ormond Beach	\$73,584.00	\$147,169.00
South Beach Street Riverwalk - Stage I	VO-OB-01-53	City Of Ormond Beach	\$76,917.00	\$153,835.00
Granada Riverfront Park Improvements	VO-OB-89-4	City of Ormond Beach	\$20,000.00	\$230,000.00
Granada Riverfront Park Improvements - Phase I I	VO-OB-90-6	City of Ormond Beach	\$150,000.00	\$300,000.00
Ames Park	VO-OB-92-14	City of Ormond Beach	\$48,000.00	\$91,000.00
Ormond Hotel Riverfront Park - Phase I	VO-OB-94-19	City Of Ormond Beach	\$20,000.00	\$60,000.00
Hotel Ormond Riverfront Park - Phase I I	VO-OB-95-23	City Of Ormond Beach	\$42,000.00	\$84,000.00
Fortunato Park - Phase I I I	VO-OB-96-29	City Of Ormond Beach	\$80,000.00	\$160,000.00
S.R. 40 Halifax River Walkway	VO-OB-97-33	City Of Ormond Beach	\$71,000.00	\$142,000.00
Halifax River Public Outreach Program	VO-OB-98-39	City Of Ormond Beach	\$4,700.00	\$9,400.00
Waterfront Public Fishing & Viewing Pier	VO-OH-03-59	City Of Oak Hill	\$50,000.00	\$100,000.00
Ponce Preserve River Facilities	VO-PI-05-72	Town Of Ponce Inlet	\$150,000.00	\$400,000.00
Ponce Inlet Lighthouse Rehabilitation - Phase I	VO-PI-98-36	Town Of Ponce Inlet	\$29,500.00	\$59,000.00
Ponce Inlet Lighthouse Rehabilitation - Phase I I	VO-PI-99-43	Town Of Ponce Inlet	\$150,000.00	\$563,000.00
South Jetty Ext.- Ponce De Leon Inlet (Project Closed)	VO-PIA-04-68	Volusia County - Ponce Inlet Authority	\$252,945.00	\$6,500,000.00
Gamble Place Launching Facility Design - Phase I	VO-PO-03-60	City Of Port Orange	\$20,000.00	\$40,000.00
Marine Unit	VO-PO-03-61	City Of Port Orange	\$28,000.00	\$56,000.00
Gamble Place Canoe Launch Construction - Phase I I	VO-PO-06-74	City Of Port Orange	\$100,000.00	\$200,000.00
Riverwalk Boardwalk & Park Facilities - (Withdrawn)	VO-PO-06-75	City Of Port Orange	\$140,000.00	\$280,000.00
Causeway Park Boat Ramp Facilities	VO-PO-07-77	City Of Port Orange	\$40,000.00	\$80,000.00
Russell Park Launch Design - Phase I	VO-PO-07-78	City Of Port Orange	\$22,000.00	\$44,000.00
Russell Park Landing Construction - Phase I I	VO-PO-09-85	City Of Port Orange	\$100,000.00	\$200,000.00
Riverwalk Launch & Boardwalk Design - Phase I	VO-PO-13-98	City Of Port Orange	\$40,000.00	\$80,000.00
Riverwalk P2 Launch & Boardwalk North A - Phase II	VO-PO-14-105	City of Port Orange	\$200,000.00	\$400,000.00
Riverwalk P3 Waterfront North B - Phase I	VO-PO-14-106	City of Port Orange	\$100,000.00	\$200,000.00
Port Orange Causeway Park	VO-PO-91-13	City of Port Orange	\$65,000.00	\$194,575.00
Riverfront Park	VO-PO-92-15	City of Port Orange	\$100,000.00	\$200,000.00
Causeway Park Expansion	VO-PO-95-25	City Of Port Orange	\$125,000.00	\$241,316.50
Causeway Park Expansion - Phase I I	VO-PO-96-27	City Of Port Orange	\$50,000.00	\$100,000.00
Riverfront Park Fishing Pier & Boat Ramp Renovations	VO-SD-00-49	City Of South Daytona	\$52,871.00	\$165,048.00
Veterans Memorial Park Channel Access Improvements	VO-SD-03-62	City Of South Daytona	\$13,230.00	\$14,700.00
Reed Canal Outfall Dredging And Spoil Site	VO-SD-04-66	City Of South Daytona	\$25,000.00	\$50,000.00

FLORIDA INLAND NAVIGATION DISTRICT - WATERWAYS ASSISTANCE PROGRAM PROJECTS IN VOLUSIA COUNTY 1986-2015

Project Name	Project Number	Project Sponsor	FIND Grant Amount	Total Cost
Riverfront Veterans Memorial Park Kayak & Canoe Launch	VO-SD-04-67	City Of South Daytona	\$15,000.00	\$30,000.00
Veteran's Memorial Riverfront Park Parking Expansion	VO-SD-09-86	City Of South Daytona	\$42,500.00	\$85,000.00
Riverfront Veteran's Memorial Park- Boat Pier Extension	VO-SD-10-89	City Of South Daytona	\$30,000.00	\$60,000.00
Riverfront Park Expansion	VO-SD-89-5	City of South Daytona	\$150,000.00	\$323,400.00
Highbridge Park - Phase I	VO-TR-1	Ponce DeLeon Port Authority	\$80,000.00	\$160,000.00
Riverwalk Park North B Phase II	VO-PO-15-107	City of Port Orange	\$300,000.00	\$600,000.00
Riverfront Park Esplanade Phase I	VO-DB-15-108	City of Daytona Beach	\$110,000.00	\$220,000.00
Daytona Beach Day Docks Phase I	VO-DB-15-109	City of Daytona Beach	\$134,176.50	\$268,353.00
Riverfront Veterans Memorial Park Kayak Launch	VO-SD-15-110	City of South Daytona	\$35,000.00	\$70,000.00
Shell Harbor Park Phase I	VO-15-111	Volusia County	\$67,500.00	\$135,000.00
Smyrna Dunes Park Fishing Pier	VO-15-112	Volusia County	\$165,000.00	\$415,176.00

TOTALS **\$12,543,602** **\$48,572,250**



Location Map

Waterway Assistance Program Projects in Volusia County



TAYLOR ENGINEERING, INC.

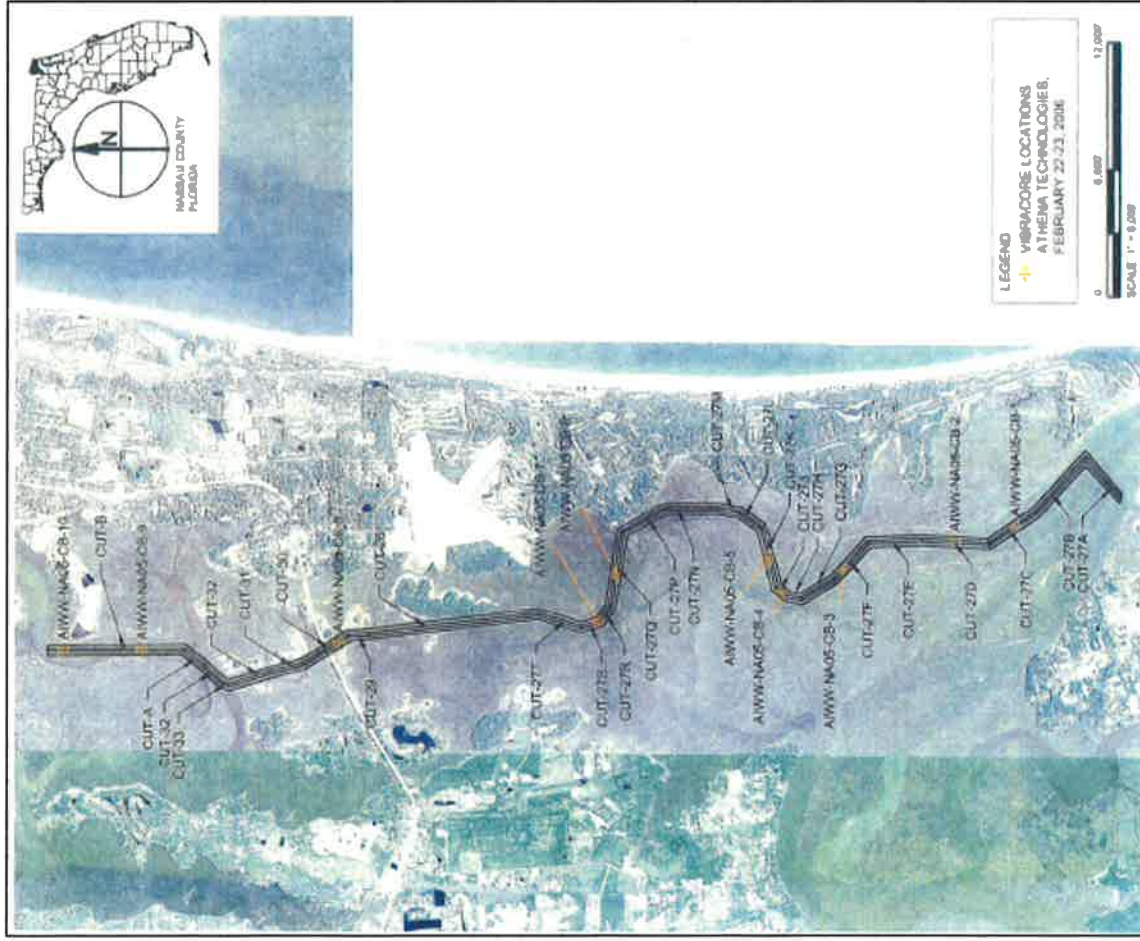
Intracoastal Waterway Centerline Survey Review – Northern Reach



Presented by: John Adams, P.E.

December 2015

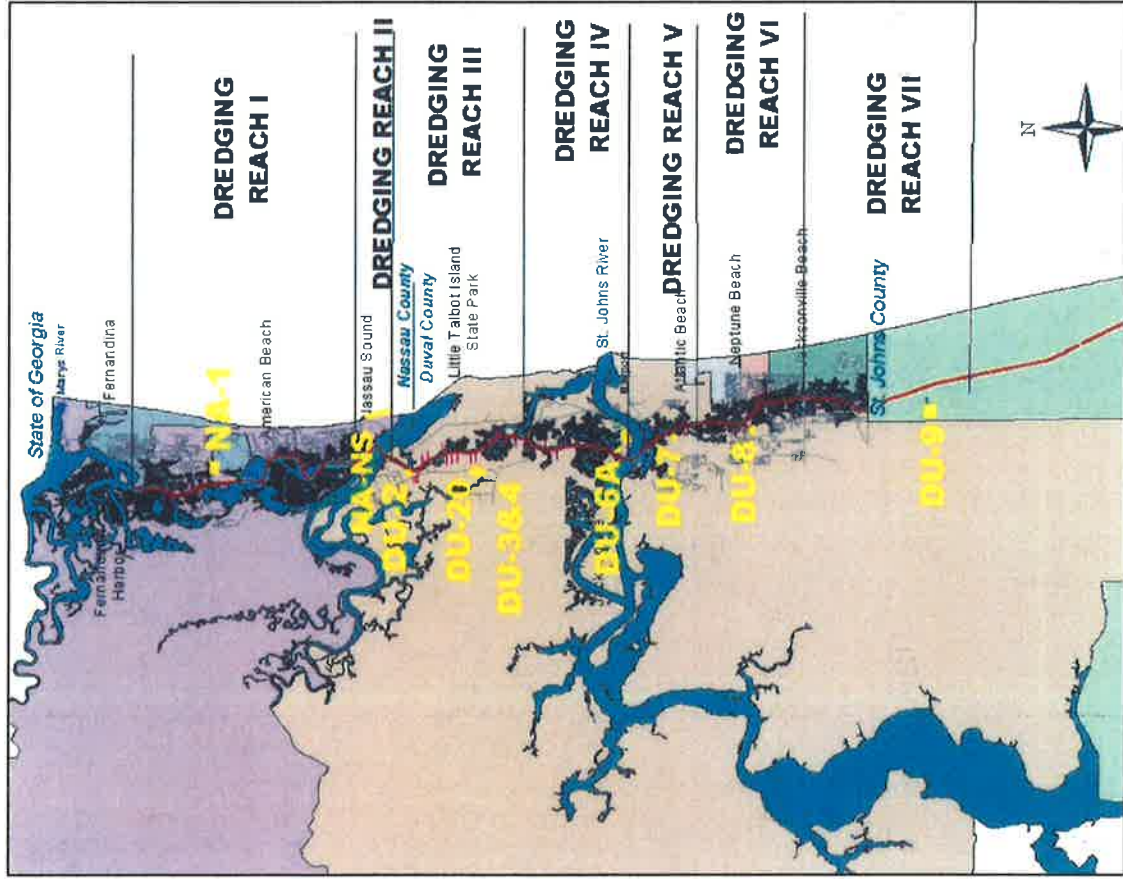
Nassau County



Nassau County

- Dredging
 - ▣ Reach DU-1, covering the county, must be dredged
- DMMAS
 - ▣ After dredging, offloading of NA-1 and DU-2 may be required

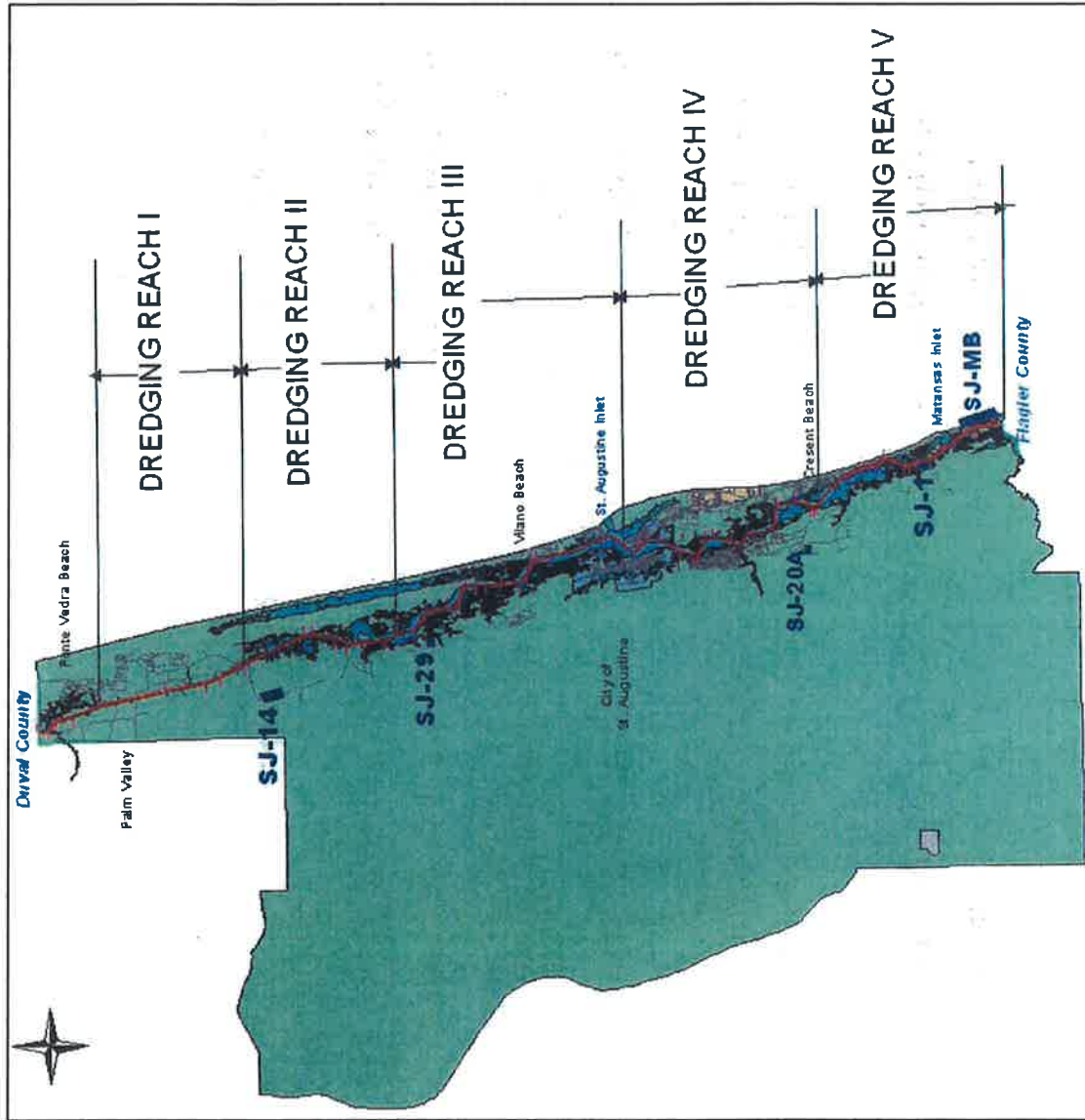
Duval County



Duval County

- Dredging
 - ❑ Reach III, part of Sawpit, next dredging 2018
 - ❑ Reach III Southern and IV Northern, resurvey in 2019
 - ❑ Reaches V and VI, resurvey in 2019
- DMMA's
 - ❑ DU-20 or DU 3/4, consider for construction
 - ❑ DU-9, permitting and design stage

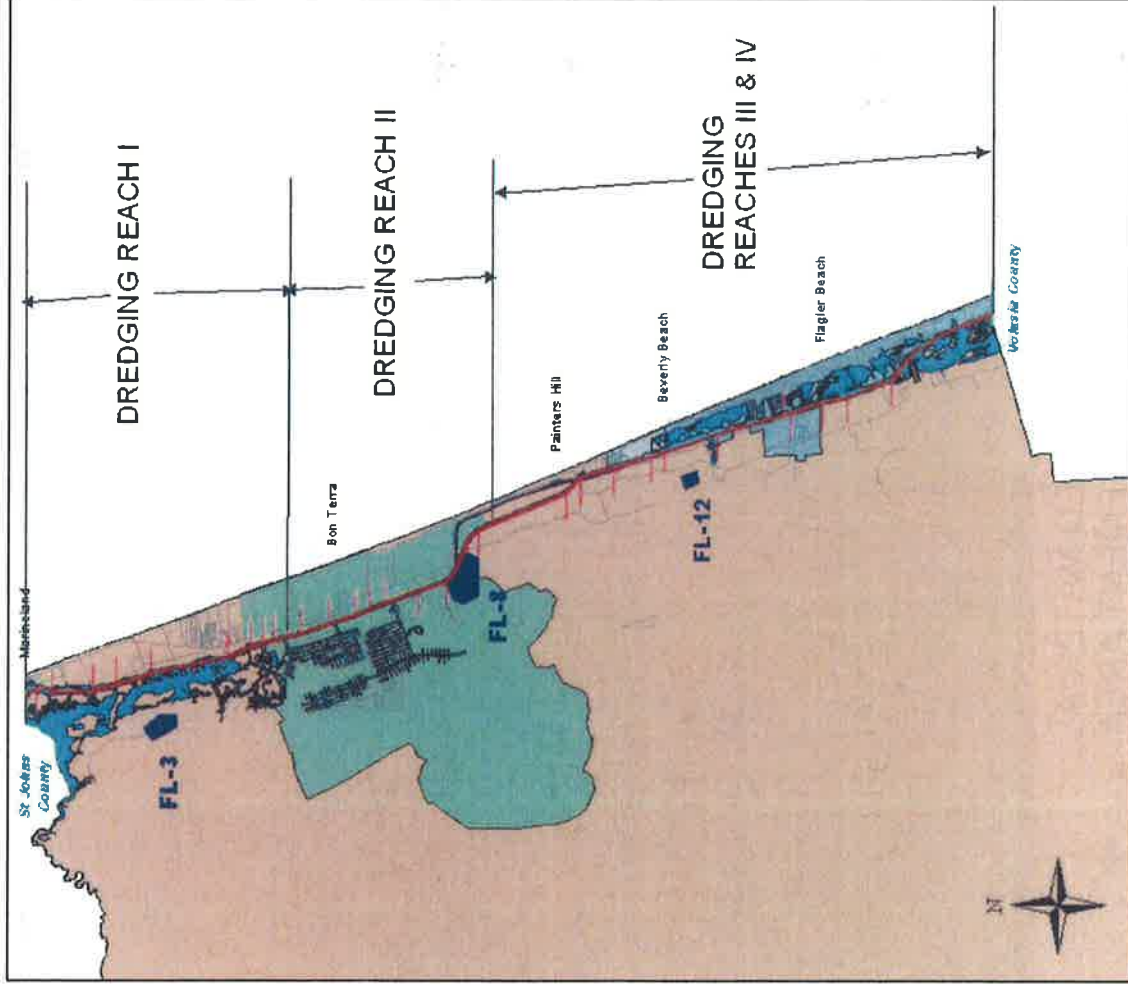
St. Johns County



St. Johns County

- Dredging
 - ❑ Reach II, resurvey in 2019
 - ❑ Reach III, St. Augustine Inlet, consider dredging
 - ❑ Reach IV, minor shoals, resurvey in 2019
 - ❑ Reach V, Matanzas area, needs dredging
 - ❑ North of Marineland, resurvey in 2019
- DMMAAs
 - ❑ No additional critical needs at this time

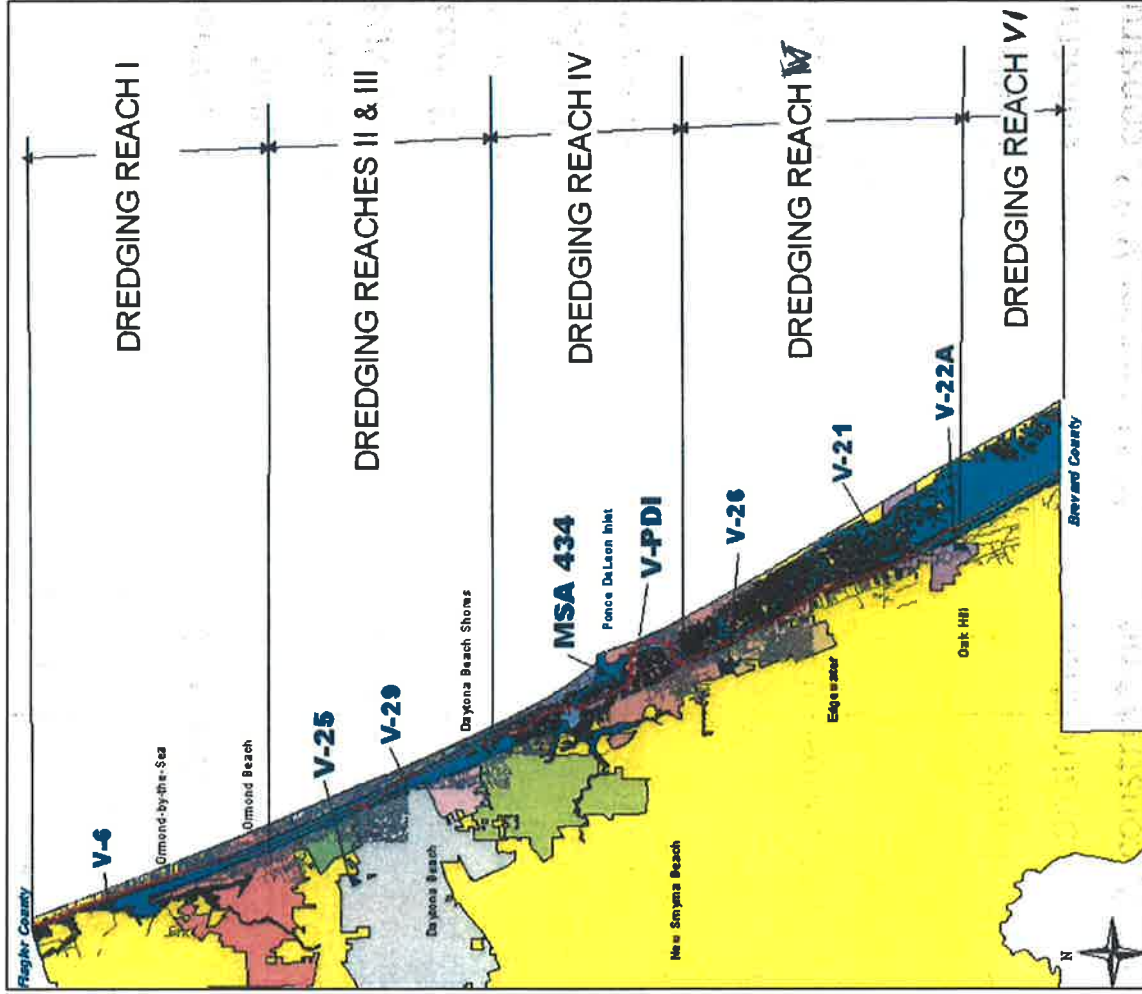
Flagler County



Flagler County

- Dredging
 - ▣ Reach I, schedule dredging to maintain -12ft
 - ▣ Reach II shoal at Red Marker #110, discuss with local marine
 - ▣ Reaches III and IV, no critical dredging needs at this time
- DMMAs
 - ▣ No additional critical needs at this time

Volusia County



Volusia County

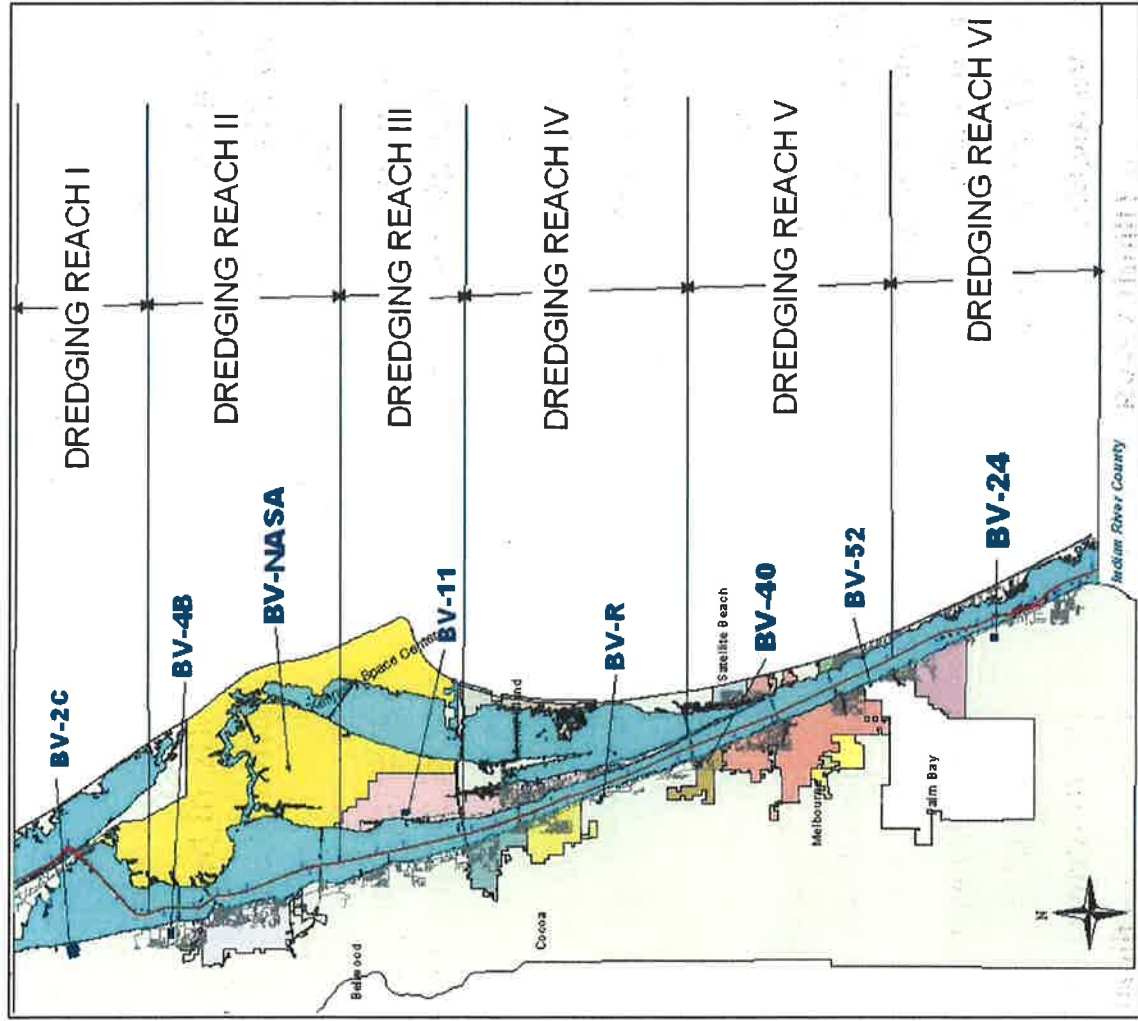
➤ Dredging

- ❑ Reach I, quantities continue to increase; plan dredging
- ❑ Reach IV, Ponce area, last dredged in 2013; next 2017
- ❑ Northern area, small shoal requires further investigation
- ❑ Southern area around New Smyrna Beach, resurvey in 2016
- ❑ Reach V, resurvey in 2019
- ❑ Reach VI, sufficient material for a dredging project

➤ DMMAs

- ❑ V-6 is a group of islands
- ❑ V-25, consider for construction
- ❑ V-21 and/or V-22, construction for Reach VI material

Brevard County



Brevard County

➤ Dredging and DMMA's

- ▣ Reach I last dredged in 2001; next dredging in 2019 with placement in BV-2C
- ▣ Remaining reaches have no sufficient navigational issues
- ▣ Priority for dredging and DMMA construction based on greatest need. The current order is:
 - Reach VI – DMMA BV-24A (planning stage)
 - Reach II – DMMA BV-4B (permitting and design stage)
 - Reach III – DMMA BV-11
 - Reach IV – DMMA BV-R
 - Reach V – DMMA BV-40 and BV-52 (built)



TAYLOR ENGINEERING, INC.

Delivering Leading Edge Solutions

www.taylorengineering.com



THANK YOU

Questions?



Memo

To: Mark Crosley, Executive Director, FIND

From: John Adams, P.E., Senior Advisor

Date: Wednesday, September 2, 2015

Re: FIND Dredged Management Material Area (DMMA) Site Salinity Concerns

In view of Taylor Engineering's studies, findings, and recommendations concerning potential groundwater impacts and engineering design/mitigation measures at SJ-20A and BV-4B, FIND staff requested Taylor Engineering develop a quick review of remaining DMMA's to determine if other sites might also present salinity impact concerns.

SJ-20A is about 7,000 feet from salt water and has residential areas to the southeast, south, west, and north. Along with groundwater modeling, Taylor Engineering completed field data collection and preliminary design for the site. The completed groundwater modeling, proximity of residential areas to the site, and results of groundwater monitoring at some operational DMMA's suggested that construction and operation of SJ-20A could result in salinity contamination of groundwater. Therefore, Taylor Engineering identified technically feasible engineering controls to mitigate salinity impact. However, the cost of these controls, combined with a limited need for dredging within the reach, results in a recommendation to consider alternative means for managing dredged material. BV-4B, currently in the design and permitting phase, is about 1,900 feet from salt water. Modeling and analysis of groundwater impacts at this site also suggest a concern for salinity impacts. Taylor Engineering is developing a design, including deep perimeter ditches and a permanent return water pipeline, to address these concerns.

In developing this evaluation of remaining sites, we reviewed readily available groundwater data from existing sites.

- At DU-2, the Bonn Environmental September 2013 Report shows chloride readings between 3,000 and 10,000 mg/l. This site is immediately adjacent to the Intracoastal Waterway (ICW). The site has been built and used for placement of dredged material.
- At BV-2C, the Bonn Environmental August 2013 Report shows chloride readings between 269 and 11,200 mg/l. BV-2C is located about 1,800 feet from salt water. There are a few residents to the south and north of the site. This site has been built and used for placement of dredged material.
- At BV-52, the Bonn Environmental August 2013 Report shows no chloride detected above 250 mg/l. BV-52 is located about 300 feet from salt water. This site has been built and appears to have been used for placement of dredged material.

The quickest way to review future construction DMMA sites for possible concern for salinity impacts is by applying Google Earth to determine the distance from the DMMA to salt water and to evaluate the existing land use adjacent to the DMMA. The list below, itemized from north to south, provides a summary of the DMMA's with potential salinity impact concerns:

Memo to Mark Crosley
 September 2, 2015
 Page 2 of 3

- DU-20: This DMMA is located approximately 1,200 feet from the nearest salt water. There are no residential areas to the east between the DMMA and ICW. This site has been used in the past. It would be beneficial to determine if there are any wells on the site from which groundwater data could be retrieved. If not, we recommend installing groundwater monitoring wells to obtain this data.
- DU-3/4: This DMMA is immediately south of DU-20 and is located about 1,200 feet from the nearest salt water. There are residential areas to the east. Assuming these residents are on wells, Taylor Engineering recommends completion of a groundwater analysis for this site and that this site not be used until data from DU-20 is analyzed.
- V-25: This site is located over 12,000 feet from salt water and is surrounded by development. This site is likely a concern for salinity impacts and Taylor Engineering recommends groundwater modeling of this site.
- BV-R: This site is located 2,500 feet from salt water. There appears to be commercial property and residential areas between the site and the ICW. Groundwater analysis appears necessary.
- BV-40: This site is located 1,800 feet from salt water. There appears to be commercial property and residential areas between the site and the ICW. Groundwater analysis appears necessary.
- BV-24A: This site is located 2,300 feet from salt water. There appears to be vacant land, commercial property, and residential areas between the site and the ICW. Groundwater analysis appears necessary.
- M-12: This site is located 1,000 feet from salt water. There appears to be residential areas between the site and the ICW. Taylor Engineering recommends a groundwater analysis for this site; however, initial efforts should include review of the September 1999 Taylor Engineering report on groundwater at this site.
- O-23: This site is located 2,500 feet from salt water. This site is surrounded by residential development. This site is likely a concern for salinity impacts and Taylor Engineering recommends groundwater modeling of this site.
- O-35: There is a canal adjacent to the site that may contain salt water. Otherwise, the site is 16,500 feet from salt water. The site is surrounded by agriculture and residential development. Taylor Engineering recommends that initial efforts include well installation to determine the current groundwater conditions and the salinity in the adjacent canal.

Conclusion: FIND owns 26 undeveloped sites. Of these, the nine sites listed above have the greatest concern for salinity impacts to the surrounding area. Taylor Engineering recommends developing a stepwise groundwater evaluation procedure to consider each site, evaluate the risk, and prepare saline control designs (if necessary).

There are two constructed sites that require additional consideration concerning possible salinity impacts. These sites are V-26 and BV-NASA.

- V-26: This site is about 3,200 feet from salt water and is generally surrounded by development. It appears the site has been used. It would be beneficial to determine if there are any wells on the

Memo to Mark Crosley
September 2, 2015
Page 3 of 3

site from which groundwater data could be retrieved. If not, we would recommend adding monitoring wells.

- BV-NASA: FIND constructed this DMMA, but it has not been used. This site is on NASA property and is generally surrounded by freshwater wetlands. It appears salt water is about two miles from the site. Taylor Engineering recommends using this site for emergencies only.

COST: Based on the groundwater analysis cost associated with SJ-20A and BV-4B, the estimated cost for each groundwater analysis would be \$200k+/- . The detail level, and thus cost, of each evaluation, will depend on site-specific considerations. Based on our experience with SJ-20A and BV-4B, Taylor Engineering, at FIND's request, can develop a streamlined approach to addressing the initial groundwater impact concerns.

DMMA Salinity Concerns

- Existing site groundwater reports
 - ❑ Shows salinity in the groundwater

➤ Concerns

- ❑ Potential impacts to
 - Shallow wells
 - Existing ground cover (vegetation)

➤ Quick look at future sites

- ❑ Land distance from saline water
- ❑ Surrounding developments

Google Map



Google Map



Conclusions

- 26 undeveloped sites
- Nine sites of greatest concern
 - ❑ DU-20 and DU-3/4
 - ❑ V-25
 - ❑ BV-R, BV-40, and BV-24A
 - ❑ M-12
 - ❑ O-23 and O-35
- Cost per site: \$250k



TAYLOR ENGINEERING, INC.

Delivering Leading-Edge Solutions

www.taylorengineering.com



THANK YOU

Questions?



Office: 206 N. Beach St, Suite 205 / Daytona Beach, FL 32114
 Mail: P.O. Box 4036 / Ormond Beach, FL 32175-4036
 Ph. 407-491-9477

November 16, 2015

Mark Crosley
 Executive Director
 Florida Inland Navigation District
 1314 Marcinski Road
 Jupiter, FL 33477-9498

RE: Florida Inland Navigation District
 Commercial & Industrial Waterway Access Inventory
 PSC #15-15-01

Dear Mark:

I appreciate the opportunity to provide professional planning and strategic positioning services to Florida Inland Navigation District for the Commercial & Industrial Waterway Access Inventory project. For purposes of this agreement Planning Solutions Corp will be known as the "Consultant", FIND will be known as the "Client". The Commercial & Industrial Waterway Access Inventory will be known as the "project".

Background

At the July Board meeting there was discussion regarding increasing the incentive and/or District percentage match for commercial marina/boat ramp/working waterfront projects, currently matched at 50% and listed as Priority #5 66B-2.008 (1)(a). This item could be made a higher priority project, and/or given a higher point value and increased funding percentage match (to 75 percent District funding) if it is a working waterfront facility. Working waterfronts are identified in the District's Waterway Master Plan that addresses the acquisition and development of public, commercial and industrial waterway access.

The District could review various locations along the IWW and identify where commercial or marine contractor waterway access is needed. Those areas could be identified as properties for contractor staging areas and they could qualify for a higher percentage of District assistance. Local governments may not know that there is a need for working commercial and marine contractor staging areas and local governments may need help in identifying these needs.

SCOPE OF SERVICES

The scope of services is to assist with the identification of sites that could be used for commercial and industrial access. As the waterway, and the land around it, has become more developed, commercial access is more restricted with residential and other, often incompatible, uses locating on the waterway. This creates conflicts in residential areas with existing operations and limits the future growth potential of working waterfronts. Dredge and other marine operations often have difficulty loading and unloading spoil and other materials in these areas due to neighborhood conflicts.





Office: 206 N. Beach St, Suite 205 / Daytona Beach, FL 32114
 Mail: P.O. Box 4036 / Ormond Beach, FL 32175-4036
 Ph. 407-491-9477

Dredging creates additional access needs, as evidenced by the dredge of the Dania Cutoff Canal to 17 feet deep, which was completed in 2013. Boatyards' revenues have increased 59 percent since the dredge, and the County has received \$23.4 million in economic benefit. Boatyards there are servicing 54 percent more vessels than they were before the dredge, and \$6.6 million in labor income has been generated. The majority of the yards are reporting waitlists for service, while none reported waitlists in 2013 or other recent years prior to the dredging.

This is not the primary purpose of this scope of services, but new dredge areas should be mapped as part of the inventory to determine increased need for access and facilities after dredging.

The following tasks are required for this project and will be completed by the Consultant, as follows.

Task 1 – Define Parameters for Commercial/Industrial Use

The Consultant will conduct a project kickoff meeting with FIND staff and key stakeholders, as desired by the District. The Consultant will suggest physical parameters (depth of water, ramp accessibility, parking/staging area availability, access to site, surrounding uses, etc.) of boat ramps/sites that may reasonably meet the need of commercial/industrial operations. The parameters will be based on industry data, trends, discussions with marine contractors, local governments and FIND staff. An understanding of the types of materials that would likely be loaded/unloaded and associated access needs would be developed in this task. The Swoope Boat Ramp in New Smyrna Beach will be used as the typical model that could potentially be used by commercial/industrial interests.

The intent is that at least some of the need could be met through the retrofit of existing boat ramps. The information collected in this task will be used to determine the precise data that will be gathered for the inventory in task 2.0.

Task 1.0 will consist of a kick-off meeting, research and a Technical Memo summarizing the approach. Task 1.0 will be completed for a **lump sum fee of \$3,500** and will be completed by **March 1, 2016**.

Task 2 – Conduct Inventory of Existing Sites

The Consultant will conduct an inventory of existing boat ramps in each of the 12 Counties. The inventory will rely on existing boat ramp databases, to the extent feasible. The Consultant is aware of current efforts by the Florida Department of Environmental Protection to create a data clearinghouse and will work with the Department to gather/share information. The Consultant





Office: 206 N. Beach St, Suite 205 / Daytona Beach, FL 32114
 Mail: P.O. Box 4036 / Ormond Beach, FL 32175-4036
 Ph. 407-491-9477

will work with Taylor Engineering on their current GIS effort to incorporate and provide data in an appropriate format. The inventory will be augmented with the following:

- Research and review of data and mapping from various sources
- Input from industry representatives regarding needs
- Spot site visits, as needed, to verify the accuracy of the data
- Discussions with local government representatives

The inventory will consist of the data needs identified in Task 1, but will likely include water depth, site size, parking, site roadway access, and uses in surrounding area.

Task 2.0 will consist of a GIS database/map and will be completed for a **lump sum fee of \$12,500** by **May 15, 2016**.

Task 3 – Summarize Findings / Recommendations

The Consultant will summarize the key findings including an analysis of the number and location of existing access (from database) and the demand for additional access (based on discussions with industry and community representatives and trends). This information will generally indicate the need for improving existing sites or acquiring new sites to provide additional access.

Task 3.0 will consist of a summary memo and/or powerpoint presentation, as desired by the District, and will be completed for a **lump sum fee of \$2,500** by **May 30, 2016**.

Task 4 – Coordination and Meetings

The Consultant will attend up to 3 meetings with FIND Staff (including the kickoff meeting referenced in Task 1.0) and will otherwise coordinate as needed throughout the course of the project. The Consultant will attend up to 2 meetings with the FIND Board of Commissioners to present the status and/or findings of the project and to obtain input from the Board.

Task 4.0 will consist of meetings and coordination, as desired by the District, and will be completed for a **lump sum fee of \$2,500** by **May 30, 2016**.

Fee Summary

The fee estimate provided herein is valid for 90 days from the date of this agreement. The entire scope of services will be completed for a lump sum fee of \$21,000, including reimbursable expenses.





Office: 206 N. Beach St, Suite 205 / Daytona Beach, FL 32114
Mail: P.O. Box 4036 / Ormond Beach, FL 32175-4036
Ph. 407-491-9477

Schedule

Planning Solutions Corp will begin work immediately upon receipt of a signed, authorized agreement for services, which shall also constitute the notice to proceed. Individual tasks will be completed as noted in the individual tasks.

Thank you again for this opportunity to provide professional consulting services to the Florida Inland Navigation District. I am honored to be given the opportunity to work with the District. Should you have any questions or need additional information, please do not hesitate to contact me at 407.491.9477.

Sincerely,
PLANNING SOLUTIONS CORP

A handwritten signature in blue ink that reads "Beth G. Lemke".

Beth G. Lemke, AICP
President



Q) What is the Consultant's Competitive Negotiation Act (CCNA)?

A) Adopted by the Florida Legislature in 1973, Florida Statute 287.055 (CCNA) requires state government agencies, municipalities or political subdivisions, school boards and school districts, to select a consulting firm* based on qualifications rather than on a "lowest bid" basis.

Q) Why is selecting a firm based on CCNA better than "lowest bid" selection?

- A) Qualification-based selection elevates this competitive process to its proper plane—qualifications, competence, track record, and availability. Successful projects warrant the time and expense of:
 - Hiring qualified staff paid at competitive wages
 - Giving technical matters the scrutiny that they deserve
 - Estimating crucial data that the firm should collect, refine, and crosscheck to ensure accuracy
 - Applying situation specific answers to technical questions
 - Thoroughly evaluating applicability of "standards"
 - Considering the long term cost-benefits to the owner/operator of various options and emerging technologies

Bidding professional consulting services causes disadvantages to the owner as the firm attempts to make a profit despite their "lowest bid" fee. The resulting work product, which may include inadequate drawings and indefinite specifications, may result in:

- Increased construction costs and project durations
- Increased change orders and cost overruns during construction
- Increased operating costs after the engineer and contractor have completed their work
- Increased right-of-way requirements and costs for roadway projects.

The unscrupulous professional can find endless ways to cut their costs. Unjustified cost cutting may prove difficult to detect; is generally detrimental; undermines the quality of the finished product; may increase the total cost of the project; and essentially works against the client's best interests.



Q) How does a public agency choose a consultant-based on CCNA?

A) The method of procuring professional services applies to a planning or study activity where compensation exceeds \$35,000 and in projects where the basic cost of construction, as estimated by the agency, will exceed \$325,000.

A simple and effective four step process for choosing a consultant:

1. Public announcement of the contract. A public notice of requirements for professional services is advertised, including a description of the project and application process information.
2. Qualification and certification of firms. Consulting firms submit qualifications indicating their interest in the contract. The agency certifies qualified firms.
3. Selection of certified qualified firms. The agency rates and compares the qualifications of the certified firms. The agency then selects and ranks no less than three firms in order of preference, based on those qualifications.
4. Negotiation of professional service contracts. The agency negotiates a contract with the firm ranked as the most qualified, at a compensation which the agency deems fair, competitive, and reasonable. The firm and the agency hold detailed discussions to establish a clear project scope and the exact services the consultant will provide. Such negotiations usually succeed.

Should the two parties fail to agree upon the level of compensation, however, the agency ends negotiations with the first firm and begins negotiations with the second-ranked firm. If again unsuccessful, the agency repeats the process with the next highest-ranked firm.

Evaluation forms commonly used in this procurement process can be found and downloaded from the FICE website at: www.fleng.org/fice/CCNAevaluation.cfm.



florida Institute of Consulting Engineers
AMERICAN COUNCIL OF ENGINEERING COMPANIES OF FLORIDA
PROFESSIONAL ENGINEERS IN PRIVATE PRACTICE OF FLORIDA



Q) Does CCNA allow continuing contracts?

A) Yes. Florida Statute 287.055 specifically states that nothing in the act shall be construed to prohibit a continuing contract. Equally important to note is that firms providing professional services under continuing contracts shall not be required to bid against one another.

A "continuing contract" is defined by the statute as a contract for professional services entered into in accordance with all the procedures of this act whereby the firm provides professional services to the agency for which the estimated construction cost of each individual project under the contract does not exceed \$2 million, the fee for professional services for each individual study under the contract does not exceed \$200,000, or for work of a specified nature as outlined in the contract required by the agency, with the contract being for a fixed term or with no time limitation except that the contract must provide a termination clause.



Q) Does CCNA apply to design-build contracting?

A) Yes, but indirectly. The design criteria package must be prepared and sealed by a design criteria professional employed by or retained by the agency. If the agency elects to enter into a professional services contract for the preparation of the design criteria package, then the design criteria professional must be selected and contracted with under the requirements of subsections (4) and (5). A design criteria professional who has been selected to prepare the design criteria package is not eligible to render services under a design-build contract executed pursuant to the design criteria package. If the procuring agency elects the option of qualifications-based selection, during the selection of the design-build firm the procuring agency shall employ or retain a licensed design professional appropriate to the project to serve as the agency's representative.

* As used in this document, the word "firm" refers to those trained professionals who are permitted by Florida law to provide engineering, architectural, landscape architecture, and surveying and mapping services.

Additionally, the complete CCNA statute may be viewed at: www.fleng.org/fice/ficeccna.cfm

Government officials are often responsible for projects that require the services of consulting engineers,

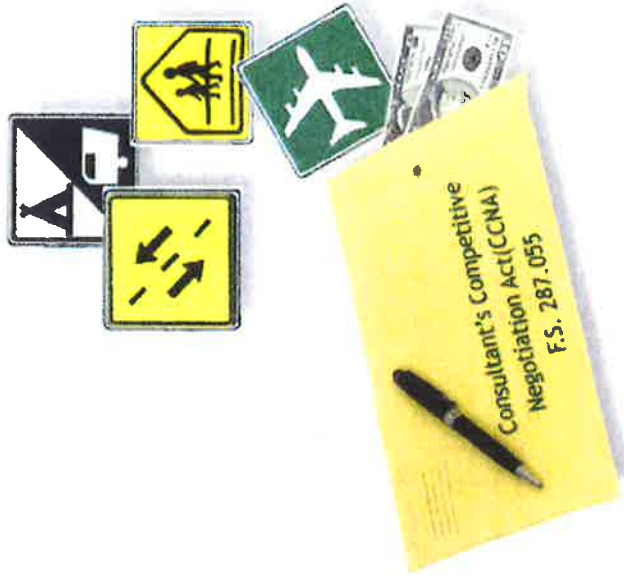
such as erecting a building, widening a highway, expanding a utilities system, planning a new housing or educational facility, improving a runway, or creating a city park. At the outset of such projects, selecting a qualified consulting firm becomes a crucial decision. The consulting firm's performance, frequently in conjunction with other professional firms, determines the entire course of the project—feasibility, planning, location, design, plans and specifications, construction costs, and the operating and maintenance costs over the project's lifetime.



Public entities hire consulting firms long before construction begins on a project. These trained professionals translate their clients' needs and concepts into detailed project plans. Despite the important contributions these consultants make to the success of a project, many clients harbor misconceptions about the best way to select such a firm and the laws that exist related to the selection process. The Florida Institute of Consulting Engineers (FICE) trusts this brochure will help clarify some of these misconceptions.



Consultant's Competitive Negotiation Act (CCNA)



Florida Institute of Consulting Engineers
AMERICAN COUNCIL OF ENGINEERING COMPANIES OF FLORIDA
PROFESSIONAL ENGINEERS IN PRIVATE PRACTICE OF FLORIDA

PO Box 750
Tallahassee, FL 32302-0750
850-224-7121

Consultants Competitive Negotiation Act (CCNA) 287.055

Statutes - Title 19 - Ch. 287 - Sec. 287.055

287.055 Acquisition of professional architectural, engineering, landscape architectural, or surveying and mapping services; definitions; procedures; contingent fees prohibited; penalties.--

(1) SHORT TITLE.--This section shall be known as the "Consultants' Competitive Negotiation Act."

(2) DEFINITIONS.--For purposes of this section:

(a) "Professional services" means those services within the scope of the practice of architecture, professional engineering, landscape architecture, or registered surveying and mapping, as defined by the laws of the state, or those performed by any architect, professional engineer, landscape architect, or registered surveyor and mapper in connection with his or her professional employment or practice.

(b) "Agency" means the state, a state agency, a municipality, a political subdivision, a school district, or a school board. The term "agency" does not extend to a nongovernmental developer that contributes public facilities to a political subdivision under s. 380.06 or ss. 163.3220-163.3243.

(c) "Firm" means any individual, firm, partnership, corporation, association, or other legal entity permitted by law to practice architecture, engineering, or surveying and mapping in the state.

(d) "Compensation" means the amount paid by the agency for professional services regardless of whether stated as compensation or stated as hourly rates, overhead rates, or other figures or formulas from which compensation can be calculated.

(e) "Agency official" means any elected or appointed officeholder, employee, consultant, person in the category of other personal service or any other person receiving compensation from the state, a state agency, municipality, or political subdivision, a school district or a school board.

(f) "Project" means that fixed capital outlay study or planning activity described in the public notice of the state or a state agency under paragraph (3)(a). A project may include: 1. A grouping of minor construction, rehabilitation, or renovation activities. 2. A grouping of substantially similar construction, rehabilitation, or renovation activities.

(g) A "continuing contract" is a contract for professional services entered into in accordance with all the procedures of this act between an agency and a firm whereby the firm provides professional services to the agency for projects in which the estimated construction cost of each individual project under the contract does not exceed \$2 million, for study activity if the fee for professional services for each individual study under the contract does not exceed \$200,000, or for work of a specified nature as outlined in the contract required by the agency, with the

contract being for a fixed term or with no time limitation except that the contract must provide a termination clause. Firms providing professional services under continuing contracts shall not be required to bid against one another.

(h) A "design-build firm" means a partnership, corporation, or other legal entity that: 1. Is certified under s. 489.119 to engage in contracting through a certified or registered general contractor or a certified or registered building contractor as the qualifying agent; or 2. Is certified under s. 471.023 to practice or to offer to practice engineering; certified under s. 481.219 to practice or to offer to practice architecture; or certified under s. 481.319 to practice or to offer to practice landscape architecture.

(i) A "design-build contract" means a single contract with a design-build firm for the design and construction of a public construction project.

(j) A "design criteria package" means concise, performance-oriented drawings or specifications of the public construction project. The purpose of the design criteria package is to furnish sufficient information to permit design-build firms to prepare a bid or a response to an agency's request for proposal, or to permit an agency to enter into a negotiated design-build contract. The design criteria package must specify performance-based criteria for the public construction project, including the legal description of the site, survey information concerning the site, interior space requirements, material quality standards, schematic layouts and conceptual design criteria of the project, cost or budget estimates, design and construction schedules, site development requirements, provisions for utilities, stormwater retention and disposal, and parking requirements applicable to the project.

(k) A "design criteria professional" means a firm who holds a current certificate of registration under chapter 481 to practice architecture or landscape architecture or a firm who holds a current certificate as a registered engineer under chapter 471 to practice engineering and who is employed by or under contract to the agency for the providing of professional architect services, landscape architect services, or engineering services in connection with the preparation of the design criteria package.

(l) "Negotiate" or any form of that word means to conduct legitimate, arms length discussions and conferences to reach an agreement on a term or price. For purposes of this section, the term does not include presentation of flat-fee schedules with no alternatives or discussion.

(3) PUBLIC ANNOUNCEMENT AND QUALIFICATION PROCEDURES.--

(a)1. Each agency shall publicly announce, in a uniform and consistent manner, each occasion when professional services must be purchased for a project the basic construction cost of which is estimated by the agency to exceed the threshold amount provided in s. 287.017 for CATEGORY FIVE or for a planning or study activity when the fee for professional services exceeds the threshold amount provided in s. 287.017 for CATEGORY TWO, except in cases of valid public emergencies certified by the agency head. The public notice must include a general description of the project and must indicate how interested consultants may apply for

consideration. 2. Each agency shall provide a good faith estimate in determining whether the proposed activity meets the threshold amounts referred to in this paragraph.

(b) Each agency shall encourage firms engaged in the lawful practice of their professions that desire to provide professional services to the agency to submit annually statements of qualifications and performance data.

(c) Any firm or individual desiring to provide professional services to the agency must first be certified by the agency as qualified pursuant to law and the regulations of the agency. The agency must find that the firm or individual to be employed is fully qualified to render the required service. Among the factors to be considered in making this finding are the capabilities, adequacy of personnel, past record, and experience of the firm or individual.

(d) Each agency shall evaluate professional services, including capabilities, adequacy of personnel, past record, experience, whether the firm is a certified minority business enterprise as defined by the Florida Small and Minority Business Assistance Act, and other factors determined by the agency to be applicable to its particular requirements. When securing professional services, an agency must endeavor to meet the minority business enterprise procurement goals under s. 287.09451.

(e) The public must not be excluded from the proceedings under this section.

(4) COMPETITIVE SELECTION.--

(a) For each proposed project, the agency shall evaluate current statements of qualifications and performance data on file with the agency, together with those that may be submitted by other firms regarding the proposed project, and shall conduct discussions with, and may require public presentations by, no fewer than three firms regarding their qualifications, approach to the project, and ability to furnish the required services.

(b) The agency shall select in order of preference no fewer than three firms deemed to be the most highly qualified to perform the required services. In determining whether a firm is qualified, the agency shall consider such factors as the ability of professional personnel; whether a firm is a certified minority business enterprise; past performance; willingness to meet time and budget requirements; location; recent, current, and projected workloads of the firms; and the volume of work previously awarded to each firm by the agency, with the object of effecting an equitable distribution of contracts among qualified firms, provided such distribution does not violate the principle of selection of the most highly qualified firms. The agency may request, accept, and consider proposals for the compensation to be paid under the contract only during competitive negotiations under subsection (5).

(c) This subsection does not apply to a professional service contract for a project the basic construction cost of which is estimated by the agency to be not in excess of the threshold amount provided in s. 287.017 for CATEGORY FIVE or for a planning or study activity when the fee for professional services is not in excess of the threshold amount provided in s. 287.017 for CATEGORY TWO. However, if, in using another procurement process, the majority of the

compensation proposed by firms is in excess of the appropriate threshold amount, the agency shall reject all proposals and reinitiate the procurement pursuant to this subsection.

(d) Nothing in this act shall be construed to prohibit a continuing contract between a firm and an agency.

(5) COMPETITIVE NEGOTIATION.--

(a) The agency shall negotiate a contract with the most qualified firm for professional services at compensation which the agency determines is fair, competitive, and reasonable. In making such determination, the agency shall conduct a detailed analysis of the cost of the professional services required in addition to considering their scope and complexity. For any lump-sum or cost-plus-a-fixed-fee professional service contract over the threshold amount provided in s. 287.017 for CATEGORY FOUR, the agency shall require the firm receiving the award to execute a truth-in-negotiation certificate stating that wage rates and other factual unit costs supporting the compensation are accurate, complete, and current at the time of contracting. Any professional service contract under which such a certificate is required must contain a provision that the original contract price and any additions thereto will be adjusted to exclude any significant sums by which the agency determines the contract price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such contract adjustments must be made within 1 year following the end of the contract.

(b) Should the agency be unable to negotiate a satisfactory contract with the firm considered to be the most qualified at a price the agency determines to be fair, competitive, and reasonable, negotiations with that firm must be formally terminated. The agency shall then undertake negotiations with the second most qualified firm. Failing accord with the second most qualified firm, the agency must terminate negotiations. The agency shall then undertake negotiations with the third most qualified firm.

(c) Should the agency be unable to negotiate a satisfactory contract with any of the selected firms, the agency shall select additional firms in the order of their competence and qualification and continue negotiations in accordance with this subsection until an agreement is reached.

(6) PROHIBITION AGAINST CONTINGENT FEES.--

(a) Each contract entered into by the agency for professional services must contain a prohibition against contingent fees as follows: "The architect (or registered surveyor and mapper or professional engineer, as applicable) warrants that he or she has not employed or retained any company or person, other than a bona fide employee working solely for the architect (or registered surveyor and mapper, or professional engineer, as applicable) to solicit or secure this agreement and that he or she has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the architect (or registered surveyor and mapper or professional engineer, as applicable) any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this agreement." For the breach or violation of this provision, the agency shall have the right to

terminate the agreement without liability and, at its discretion, to deduct from the contract price, or otherwise recover, the full amount of such fee, commission, percentage, gift, or consideration.

(b) Any individual, corporation, partnership, firm, or company, other than a bona fide employee working solely for an architect, professional engineer, or registered land surveyor and mapper, who offers, agrees, or contracts to solicit or secure agency contracts for professional services for any other individual, company, corporation, partnership, or firm and to be paid, or is paid, any fee, commission, percentage, gift, or other consideration contingent upon, or resulting from, the award or the making of a contract for professional services shall, upon conviction in a competent court of this state, be found guilty of a first degree misdemeanor, punishable as provided in s. 775.082 or s. 775.083.

(c) Any architect, professional engineer, or registered surveyor and mapper, or any group, association, company, corporation, firm, or partnership thereof, who offers to pay, or pays, any fee, commission, percentage, gift, or other consideration contingent upon, or resulting from, the award or making of any agency contract for professional services shall, upon conviction in a state court of competent authority, be found guilty of a first degree misdemeanor, punishable as provided in s. 775.082 or s. 775.083.

(d) Any agency official who offers to solicit or secure, or solicits or secures, a contract for professional services and to be paid, or is paid, any fee, commission, percentage, gift, or other consideration contingent upon the award or making of such a contract for professional services between the agency and any individual person, company, firm, partnership, or corporation shall, upon conviction by a court of competent authority, be found guilty of a first degree misdemeanor, punishable as provided in s. 775.082 or s. 775.083.

(7) AUTHORITY OF DEPARTMENT OF MANAGEMENT SERVICES.--Notwithstanding any other provision of this section, the Department of Management Services shall be the agency of state government which is solely and exclusively authorized and empowered to administer and perform the functions described in subsections (3), (4), and (5) respecting all projects for which the funds necessary to complete same are appropriated to the Department of Management Services, irrespective of whether such projects are intended for the use and benefit of the Department of Management Services or any other agency of government. However, nothing herein shall be construed to be in derogation of any authority conferred on the Department of Management Services by other express provisions of law. Additionally, any agency of government may, with the approval of the Department of Management Services, delegate to the Department of Management Services authority to administer and perform the functions described in subsections (3), (4), and (5). Under the terms of the delegation, the agency may reserve its right to accept or reject a proposed contract.

(8) STATE ASSISTANCE TO LOCAL AGENCIES.--On any professional service contract for which the fee is over \$25,000, the Department of Transportation or the Department of Management Services shall provide, upon request by a municipality, political subdivision, school board, or school district, and upon reimbursement of the costs involved, assistance in selecting consultants and in negotiating consultant contracts.

(9) APPLICABILITY TO DESIGN-BUILD CONTRACTS.--

(a) Except as provided in this subsection, this section is not applicable to the procurement of design-build contracts by any agency, and the agency must award design-build contracts in accordance with the procurement laws, rules, and ordinances applicable to the agency.

(b) The design criteria package must be prepared and sealed by a design criteria professional employed by or retained by the agency. If the agency elects to enter into a professional services contract for the preparation of the design criteria package, then the design criteria professional must be selected and contracted with under the requirements of subsections (4) and (5). A design criteria professional who has been selected to prepare the design criteria package is not eligible to render services under a design-build contract executed pursuant to the design criteria package.

(c) Except as otherwise provided in s. 337.11(7), the Department of Management Services shall adopt rules for the award of design-build contracts to be followed by state agencies. Each other agency must adopt rules or ordinances for the award of design-build contracts. Municipalities, political subdivisions, school districts, and school boards shall award design-build contracts by the use of a competitive proposal selection process as described in this subsection, or by the use of a qualifications-based selection process pursuant to subsections (3), (4), and (5) for entering into a contract whereby the selected firm will, subsequent to competitive negotiations, establish a guaranteed maximum price and guaranteed completion date. If the procuring agency elects the option of qualifications-based selection, during the selection of the design-build firm the procuring agency shall employ or retain a licensed design professional appropriate to the project to serve as the agency's representative. Procedures for the use of a competitive proposal selection process must include as a minimum the following:

1. The preparation of a design criteria package for the design and construction of the public construction project.
2. The qualification and selection of no fewer than three design-build firms as the most qualified, based on the qualifications, availability, and past work of the firms, including the partners or members thereof.
3. The criteria, procedures, and standards for the evaluation of design-build contract proposals or bids, based on price, technical, and design aspects of the public construction project, weighted for the project.
4. The solicitation of competitive proposals, pursuant to a design criteria package, from those qualified design-build firms and the evaluation of the responses or bids submitted by those firms based on the evaluation criteria and procedures established prior to the solicitation of competitive proposals.
5. For consultation with the employed or retained design criteria professional concerning the evaluation of the responses or bids submitted by the design-build firms, the supervision or approval by the agency of the detailed working drawings of the project; and for evaluation of the compliance of the project construction with the design criteria package by the design criteria

professional. 6. In the case of public emergencies, for the agency head to declare an emergency and authorize negotiations with the best qualified design-build firm available at that time.

(10) REUSE OF EXISTING PLANS.--Notwithstanding any other provision of this section, there shall be no public notice requirement or utilization of the selection process as provided in this section for projects in which the agency is able to reuse existing plans from a prior project of the agency, or, in the case of a board as defined in s. 1013.01, a prior project of that or any other board. Except for plans of a board as defined in s. 1013.01, public notice for any plans that are intended to be reused at some future time must contain a statement that provides that the plans are subject to reuse in accordance with the provisions of this subsection.

(11) CONSTRUCTION OF LAW.--Nothing in the amendment of this section by chapter 75-281, Laws of Florida, is intended to supersede the provisions of ss. 1013.45 and 1013.46.

History.--ss. 1, 2, 3, 4, 5, 6, 7, 8, ch. 73-19; ss. 1, 2, 3, ch. 75-281; s. 1, ch. 77-174; s. 1, ch. 77-199; s. 10, ch. 84-321; ss. 23, 32, ch. 85-104; s. 57, ch. 85-349; s. 6, ch. 86-204; s. 1, ch. 88-108; s. 1, ch. 89-158; s. 16, ch. 90-268; s. 15, ch. 91-137; s. 7, ch. 91-162; s. 250, ch. 92-279; s. 55, ch. 92-326; s. 1, ch. 93-95; s. 114, ch. 94-119; s. 10, ch. 94-322; s. 868, ch. 95-148; s. 2, ch. 95-410; s. 45, ch. 96-399; s. 38, ch. 97-100; s. 1, ch. 97-296; s. 80, ch. 98-279; s. 55, ch. 2001-61; s. 63, ch. 2002-20; s. 944, ch. 2002-387; s. 1, ch. 2005-224; s. 19, ch. 2007-157; s. 3, ch. 2007-159; s. 3, ch. 2009-227.

Florida Attorney General Advisory Legal Opinion

Number: AGO 2013-28

Date: December 12, 2013

Subject: CCNA -- Design Services -- Construction

Mr. Usher L. Brown
Brown, Garganese, Weiss & D'Agresta, P.A.
Post Office Box 2873
Orlando, Florida 32802-2873

RE: CONSULTANTS' COMPETITIVE NEGOTIATION ACT - CCNA - CONTRACTS - DESIGN SERVICES - PROFESSIONAL SERVICES - CONSTRUCTION - whether contract for work of specified nature with cost estimate exceeding \$2 million is "continuing contract" for purposes of CCNA; whether "construction costs" include design services. s. 287.055 (2)(g), Fla. Stat.

Dear Mr. Brown:

On behalf of the School Board and the Superintendent of Schools of Osceola County, you have asked for my opinion on the following questions relating to the Consultants' Competitive Negotiation Act (the CCNA):

1. Is it compliant with CCNA for a government entity to award a contract for continuing services for professional services of a specified nature as outlined in the contract, with the contract being for a fixed term or with no time limitation, except that the contract must provide a termination clause, even if the estimated construction cost of an individual project exceeds \$2,000,000.00?

2. In determining the \$2,000,000.00 threshold under section 287.055(2)(g), Florida Statutes, should the School Board of Osceola County include only the estimated cost of construction exclusive of the professional fees for the design of the project?[1]

In sum:

1. The Legislature intended, by amending the CCNA in 1988, to include monetary limitations on "continuing contracts" and to extend those monetary limitations to "continuing contracts" for individual construction projects within the scope of the act. A contract "for

professional services of a specified nature as outlined in the contract" and exceeding \$2 million would, therefore, be outside the scope of the "continuing contract" exception of section 287.055(2)(g), Florida Statutes, and any such contract would be subject to the other competitive procedures of the CCNA.

2. Section 287.055(2)(g), Florida Statutes, requires that a "continuing contract" for professional services involve "projects in which the estimated construction cost" of each individual project does not exceed \$2 million. The statute limits consideration to "construction costs" and would not include professional fees for such things as design services.

Question One

The CCNA, section 287.055, Florida Statutes, sets forth requirements for the procurement and contracting of professional architectural, engineering, landscape architectural, or land surveying services by governmental agencies.[2] The act creates a two-step process for agencies or political subdivisions to use when hiring architects and engineers. The first is competitive selection, the second is competitive negotiation with those firms selected in the first step. Under the act, an agency, including a special district, must competitively select and negotiate with the most qualified firm to provide these professional services for a project.[3]

In opinions applying the CCNA, this office has noted that the CCNA was designed to provide procedures for state and local governmental agencies to follow in the employment of professional service consultants to make the contracting for professional services more competitive and to require the employment of the most qualified and competent individuals and firms at fair, competitive, and reasonable compensation.[4] The statute provides that "[n]othing in this act shall be construed to prohibit a continuing contract between a firm and an agency." [5]

A "continuing contract" is defined in section 287.055(2)(g), Florida Statutes, in relevant part as:

"[A] contract for professional services entered into in accordance with all the procedures of this act between an agency and a firm whereby the firm provides professional services to the agency for projects in which the estimated construction cost of each individual project under the contract does not exceed \$2 million, for study activity if the fee for professional services for each individual study under the contract does not exceed \$200,000, or for work of a specified nature as outlined in the contract required by the agency, with the contract being for a fixed term or with no time limitation except that the contract must provide a termination clause."

While nothing in section 287.055, Florida Statutes, purports to regulate the terms of a continuing contract, the continuing contract provision of section 287.055, Florida Statutes, represents an exception to the general competitive bidding provisions of the act and should be read narrowly and utilized sparingly in order to avoid an appearance of circumventing the requirements of the statute.[6]

By its terms, section 287.055(2)(g), Florida Statutes, distinguishes: 1) construction costs for individual projects which do not exceed \$2 million; 2) a study activity when the fee for the individual project does not exceed \$200,000; or 3) work of a specified nature as outlined in the contract with no time limitation except for a termination clause. The word "or" is generally construed in the disjunctive when it is used in a statute or rule and normally indicates that alternatives were intended.[7]

You have asked whether the school board may enter into a "continuing contract" for a construction project with costs in excess of the \$2,000,000.00 monetary limit if that project is characterized as a continuing contract "for work of a specified nature" My review of the legislative history developed during consideration and passage of the amendment suggests that these monetary limitations would apply to such a contract.

As related in the Final Staff Analysis & Economic Impact Statement on HB 270 (Chapter 88-108, Laws of Florida, which amended section 287.055[2][g], Florida Statutes):

"House Bill 270 amends the definition of the term "continuing contract" (as contained in s. 287.055(2)(g), F.S.) by placing a monetary limit on projects which fall within the definition. The sponsor's intent is that construction projects costing more than \$500,000 or studies costing more than \$25,000 may not be covered by a continuing contract. However, firms retained under continuing contract could perform as many different projects as a given agency wishes so long as the individual project cost is below the \$500,000 / \$25,000 limit. Thus, large or major construction or study projects requiring engineering / architectural type services would need to be competitively selected and negotiated as set out in the statute and could not be covered by a continuing contract. This limitation would apply to architectural, engineering, landscape architectural, and land surveying services contracted for by any state or local governmental agency"[8]

The staff analysis recognizes the potential ambiguity which you have identified in your question and reiterates that "the monetary limitations be added to the existing limitations in the law" and that "the bill intends, and does make it clear, that monetary limits are to

be applied in cases involving construction projects or study activity":

"An apparent ambiguity exists in the bill as to the effect of the monetary limitations on continuing contracts. This is caused by use of the word 'or' on page 1, line 22 of the bill. It would appear that in addition to the two parallel phrases containing monetary limitations, a third parallel phrase is set up which describes a 'continuing contract'. Thus, 'continuing contracts' can be '. . . for projects . . . not exceed(ing) \$500,000, OR for stud(ies) . . . not exceed(ing) \$25,000, OR for work of a specified nature as outlined in the contract. . .', (s. 287.055(2)(g), F.S., Emphasis added). However, the sponsor intended that the monetary limitations be added to the existing limitations in the law.

On the other hand, the problem may be misinterpretation of the current statutory phrase ". . . for work of a specified nature as outlined in the contract . . ." as used to describe a "continuing contract". Despite two Attorney General's Opinions that shed light in this area (AGO 075-131, May 5, 1975; AGO 076-142, June 18, 1976), the term 'continuing contract' may have simply been misinterpreted by some governmental entities allowing them to circumvent the competitive selection process. If that is true, then the primary shortcoming in this area of the CCNA (even as amended by the bill) may be a lack of judicial interpretation and enforcement. However, the bill intends, and does make it clear, that monetary limits are to be applied in cases involving construction projects or study activity." [9]

Thus, it appears that the Legislature intended, despite ambiguity in the language employed, to impose monetary limitations on "continuing contracts" involving construction projects coming within the scope of section 287.055(2)(g), Florida Statutes. To read the exception for "continuing contracts" for work of a specified nature as subject to no monetary limitation would allow the circumvention of the CCNA and would vitiate the language of the exceptions imposing such monetary caps.

Thus, it is my opinion that the Legislature intended, by amending the CCNA in 1988, to include monetary limitations on "continuing contracts" in cases involving construction projects and to extend those monetary limitations to such "continuing contracts" within the scope of the act. A construction contract "for professional services of a specified nature as outlined in the contract" and exceeding \$2 million in the estimated construction cost of any individual project would, therefore, be outside the scope of the "continuing contract" exception of section 287.055(2)(g), Florida Statutes, and would then be subject to the other competitive procedures of the CCNA.

Question Two

You also ask whether, in computing the \$2,000,000.00 threshold amount in section 287.055(2) (g), Florida Statutes, for a "continuing contract," the Osceola County School District should exclude or include professional fees for design of the construction work. Your letter suggests that you are concerned with "design fees for architects and engineers and other professional services that are not related to construction but instead are related to appraising property, surveying the land, and other professional fees that are not specifically tied to the purchase of materials to be incorporated into the project and the purchase of labor or services directly tied to incorporating materials into the project and building the project"

The statute itself distinguishes "professional services" from the definition of a "continuing contract." The term "[p]rofessional services" is defined in subparagraph (2) (a) of the statute as

"those services within the scope of the practice of architecture, professional engineering, landscape architecture, or registered surveying and mapping, as defined by the laws of the state, or those performed by any architect, professional engineer, landscape architect, or registered surveyor and mapper in connection with his or her professional employment or practice."

By its terms, a "continuing contract," as defined in section 287.055(2) (g), Florida Statutes, is a contract for "professional services," but those services are provided based on the estimated construction cost of each individual project. Moreover, the text of the CCNA explicitly distinguishes between "design" and "construction." [10] The clearly expressed intent of the statutory language must given effect. [11]

The CCNA, section 287.055, Florida Statutes, sets forth requirements for the procurement and contracting of professional architectural, engineering, landscape architectural, or land surveying services by governmental agencies. [12] The act creates a two-step process for agencies or political subdivisions to use when hiring architects and engineers. The first is competitive selection of the most qualified firms, the second is competitive negotiation with those firms selected in the first step. Under the act, an agency, including a special district, must competitively select and negotiate with the most qualified firm to provide these professional services for a project. [13] The CCNA is specifically designed to preclude a consideration of the fees for "professional services" (defined to include architecture, professional engineering, landscape architecture, or registered surveying and mapping) until the competitive negotiation phase of this process. To include such fees within the initial calculation of a project would defeat the

provisions of the act.

Thus, based on the language of the statute itself requiring that a "continuing contract" for professional services involve "projects in which the estimated construction cost" of each individual project does not exceed \$2 million, and the intent of the CCNA, it is my opinion that the statute limits consideration to "construction costs" and would not include professional fees for such things as design services.

Sincerely,

Pam Bondi
Attorney General

PB/tgh

[1] You have asked two additional questions dependent upon my answers to your first two questions. In light of the conclusions to Questions One and Two, no discussion of your other two questions is necessary. In addition, I would note that this office cannot rule on the reasonableness of an agency's interpretation or construction of a statute - that is a judicial matter.

[2] See s. 287.055(2)(b), Fla. Stat., which defines "[a]gency" as "the state, [or] a state agency, [or] a municipality, [or] a political subdivision, [or] a school district, or a school board[;]" and s. 1.01(8), Fla. Stat., defining "political subdivision" to include "all other districts in this state." And see s. 287.055(4) and (5), Fla. Stat.

[3] Section 287.055(4) and (5), Fla. Stat.

[4] See, e.g., Ops. Att'y Gen. Fla. 73-216 (1973), 74-308 (1974), and 75-56 (1975); and see "Whereas" clauses, Ch. 73-19, Laws of Fla. The CCNA was enacted for the public benefit and should be interpreted most favorably to the public. Cf. *Canney v. Board of Public Instruction of Alachua County*, 278 So. 2d. 260, 263 (Fla. 1973); Op. Att'y Gen. Fla. 74-308 (1974).

[5] Section 287.055(4)(d), Fla. Stat.

[6] Cf. *City of Lynn Haven v. Bay County Council of Registered Architects, Inc.*, 528 So. 2d 1244, 1246 (Fla. 1st DCA 1988), in which the court determined that the city's procedures contravened the legislative intent and undermined the effectiveness of the CCNA. Specifically, the city's bidding procedure would not have effectuated an equitable distribution of contracts among the most qualified firms

pursuant to s. 287.055(4), Fla. Stat.

[7] *Sparkman v. McClure*, 498 So. 2d 892 (Fla. 1986). And see *Telophase Society of Florida, Inc. v. State Board of Funeral Directors and Embalmers*, 334 So. 2d 563, 564 (Fla. 1976) (word "or" when used in a statute is generally to be construed in the disjunctive); *Kirksey v. State*, 433 So. 2d 1236, 1237 (Fla. 1st DCA 1983) (generally, use of disjunctive in statute indicates alternatives and requires that such alternatives be treated separately); *Linkous v. Department of Professional Regulation*, 417 So. 2d 802 (Fla. 5th DCA 1982).

[8] See s. I.B., "Effect of Proposed Changes," House of Representatives, House Commerce Committee, Final Staff Analysis & Economic Impact Statement on HB 270, dated June 6, 1988.

[9] See s. IV, "Comments," House of Representatives Commerce Committee Staff Analysis for HB 270, dated April 18, 1988.

[10] See, e.g., s. 287.055(2)(I), Fla. Stat.

[11] See, e. g., *M.W. v. Davis*, 756 So. 2d 90 (Fla. 2000); *McLaughlin v. State*, 721 So. 2d 1170 (Fla. 1998); *Osborne v. Simpson*, 114 So. 543, 544 (Fla. 1927).

[12] *Supra* n.2.

[13] *Supra* n.3.



November 25, 2015

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

RE: Intracoastal Waterway Deepening Palm Beach South
Scope of Professional Engineering and Environmental Services
Palm Beach County, Florida

Mr. Crosley:

Per your request, we have prepared the enclosed Scope of Services (Attachment A) and Cost Proposal (Attachment B) for the preliminary design and permitting of the Intracoastal Waterway (ICWW) deepening to -17 feet Mean Lower Low Water (MLLW) south of Lake Worth Inlet in Palm Beach County, Florida. The four primary tasks include (1) field investigation, (2) preliminary design, (3) permitting, and (4) project coordination.

Due to the uncertainty of the permitting process, Taylor Engineering will perform these services on a time and materials basis for an amount not to exceed of \$264,122.30. Of this amount, \$137,073.00 represents the proposed fee for our surveying (\$64,073.00 for Morgan & Eklund, Inc.) and geotechnical (\$73,000.00 for Dunkelberger Engineering & Testing, Inc. [DET]) sub-consultants. Taylor Engineering selected each sub-consultant based on either their previous selection by FIND for the selected services (i.e., surveying) or through a previous Request for Qualifications (RFQ) process. To select DET, we previously requested qualifications from six professional firms. Based on review of four submitted qualification packages, we determined DET as the most highly qualified with respect to similar project experience, qualifications of personnel, personnel availability, proximity of assigned personnel to the project location, and ability of firm to provide the required services in-house. Attachments C and D provide the individual Scope of Work and Cost Proposal for Morgan & Eklund and DET.

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

Sincerely,

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

Attachments (4)

INTRACOASTAL WATERWAY DEEPENING PALM BEACH SOUTH SCOPE OF PROFESSIONAL ENGINEERING AND ENVIRONMENTAL SERVICES

INTRODUCTION

This scope of professional engineering services details the preliminary design and permitting of the Intracoastal Waterway (ICWW) deepening to a minimum project depth of -15 feet (ft) Mean Lower Low Water (MLLW) south of Lake Worth Inlet in Palm Beach County, Florida. The ± 3.6 -mile long x ± 125 -ft wide project area — located immediately south of Lake Worth Inlet — will coincide with the recommended “southern segment” and a portion of the “southernmost segment” designation in the 2001 U.S. Army Corps of Engineers (USACE) Detailed Project Report. The “southern segment” of the channel contains the largest marine service facility (i.e., Rybovich Spencer) in the country, occupying approximately 22 acres adjacent to Lake Worth while the “southernmost segment” will allow deep-water navigation to the docks of the City of West Palm Beach.

In preparation of this proposal, we have based our effort on the following assumptions:

1. The permitted and constructed Peanut Island Dredged Material Management Area (DMMA) will serve as the long-term placement site for the project.
2. The DMMA has sufficient remaining capacity (approximately 184,000 cubic yards [CY] from its original capacity of 289,000 CY) to dewater and store the ICWW dredged material.
3. FIND will contract directly with an environmental firm to conduct a submerged natural resources survey of the project area and pipeline corridor.
4. Snook Islands Natural Area and Sugar Sands artificial reef site, if required, are the designated natural resources mitigation areas for seagrass and hardbottom.
5. Taylor Engineering will work with the regulatory agencies to develop, if required, hardbottom mitigation concepts and quantities. Taylor Engineering will not design a mitigation reef. FIND will coordinate with Palm Beach County and provide Taylor Engineering with specific reef location(s) and typical permit-level drawings for mitigation reef placement within the county’s permitted artificial reef area.

Should any of these assumptions prove incorrect, we reserve the right to modify our scope and cost proposal, if necessary, to ensure that we meet the expectations of the FIND. Finally, this proposal excludes permit modification fees, submerged land lease application, diver verification of identified utility lines, final mitigation design, final engineering and construction document development, contract administration, and construction observation services. At FIND’s request, Taylor Engineering can provide these services through future proposals. The paragraphs below detail specific tasks included in this scope of services.

TASK 1 FIELD INVESTIGATION

1.1 Bathymetric, Utility, and Magnetometer Survey

Morgan & Eklund, Inc. (M&E), as a subcontractor to Taylor Engineering, will provide a bathymetric, utility, and magnetometer survey of the dredging project area. M&E deliverables will include a multi-beam bathymetric survey that extends the 500-ft right-of-way of the ICWW, a report that summarizes their research of identifiable utility crossings, and a signed and sealed survey that clearly delineates the location of identified utilities and the results of the magnetometer survey. M&E will overlay the results of the utility and magnetometer survey on the bathymetric survey in the MLLW elevation datum. If utility lines are identified within the proposed dredged template, Taylor Engineering will submit a separate proposal for diver verification.

1.2 Geotechnical Investigation

Dunkelberger Engineering & Testing, Inc. (DET), as a subcontractor to Taylor Engineering, will collect twenty (20) Standard Penetration Test (SPT) borings, approximately one every 1,000 feet, to evaluate the overall hardness of material below the maintenance project depth (-10 ft MLLW). Each SPT boring will extend a minimum of four (4) feet below the project depth for the proposed deepening project. Should the need for additional subsurface characterization be required, the project fee also includes an allowance for up to ten (10) additional SPT borings. DET will also collect sediment samples for laboratory analysis to include grain size curves and soil classifications in accordance with the Unified Soil Classification System. DET final deliverables will include a signed and sealed report summarizing the results of its field and laboratory investigation.

TASK 2 PRELIMINARY DESIGN

2.1 Dredging Template and Dredge Quantities

From the results of the field investigations (Task 1), Taylor Engineering will develop a three-dimensional AutoCAD-based digital terrain model of the project area. We will incorporate the field data into the models to develop a dredging template that will include plan area, cross sections, total required dredging volume, and, if any, anticipated submerged natural resource impacts. This subtask also includes the evaluation of up to three different dredging depths (e.g., -17, -19, -21 ft MLLW).

2.2 Permit Drawings

Taylor Engineering will prepare digital permit (preliminary design level) drawings for the various site elements. If appropriate, the permit set will include photo-based sheets depicting the project areas. We will obtain existing aerial photography for this purpose. At a minimum, these drawings will include

- Project location map
- Dredging area plan views showing existing bathymetry, sediment sampling locations, ICWW right-of-way, channel boundaries, centerline, and submerged natural resources

- Cross section views of the dredging area showing pre- and post-deepening conditions
- Plan view of the DMMA, pipeline route, and staging areas

We will provide signed and sealed permit drawings in appropriate hard-copy format and in digital (AutoCAD and PDF) format.

2.3 Utility Coordination

If the utility and magnetometer survey (Task 1.1) identifies utilities within the dredging template, Taylor Engineering will work with the various utility companies to coordinate timing of utility relocation with construction commencement. We will make each utility company aware that the relocated lines, if any, must be in compliance with USACE Regional General Permit SAJ-2005-09981 Subaqueous Utility and Transmission Lines in Florida.

TASK 3 PERMITTING

3.1 Pre-Application Meeting

Taylor Engineering will coordinate and attend a joint pre-application meeting with the FDEP and USACE to explain the project and to identify and discuss issues that will affect review of the permit application. Following the meeting, Taylor Engineering will prepare and route a meeting summary to all attending parties.

3.2 Joint ERP Application Preparation and Submittal

Based on the preliminary project design developed in Task 2, Taylor Engineering will prepare and submit a joint Environmental Resource Permit (ERP) application. In addition to the permit drawings (Task 2.2), the application package will include narratives describing (1) the overall project and design, (2) the proposed dredging area, and (3) the proposed dredged material management area and operation. Subject to the results of the submerged natural resources survey, the permit narrative may also describe (4) the location of sensitive natural resources, (5) the environmental impact analysis and results, and (6) the proposed mitigation. Task 3.3 details the efforts required, if necessary, to address ERP narrative items 4 – 6. This subtask also includes efforts necessary to apply for the USACE Section 408 permit.

3.3 Natural Resources Impact Evaluation and Uniform Mitigation Assessment Method (UMAM) Analysis

If the proposed project results in impacts to protected natural resources, state and federal regulatory agencies will require compensatory mitigation to offset the impacts. We will overlay the proposed channel deepening footprint on the submerged natural resources maps to quantify impact areas. We will apply the FDEP UMAM and, if necessary, federal agency recommended tool(s) to recommend the appropriate level of mitigation (at the identified mitigation areas, Snook Islands and Sugar Sands) for the proposed project.

3.4 Request for Additional Information: Response and Submittal

Following the submission of the permit application, both the FDEP and the USACE will likely respond with one or more Requests for Additional Information (RAI). RAIs typically comprise a series of questions requiring additional explanation of the proposed project work. Accordingly, our cost estimate includes clarifications of environmental and engineering issues in response to RAIs. We expect no more than two RAIs from the FDEP. The number of additional information requests from the federal agencies is not predictable. We have budgeted \$21,228.00 for this task. Should agency-required investigations and analyses require efforts beyond that budgeted, we will submit a cost proposal for the additional work.

TASK 4 PROJECT COORDINATION

The single most important activity during the permitting process is the establishment and maintenance of clear lines of communication between the applicant and the participating agencies. To that end, Taylor Engineering will coordinate with local, state, and federal agencies staff during the application process. These agencies include, but are not limited to, the FDEP, USACE, U.S. Fish and Wildlife Service, Florida Fish and Wildlife Conservation Commission, and National Marine Fisheries Service. We will maintain consistency between the state and federal permit applications and other environmental documentation, and strive to resolve environmental issues that arise during the review period. Accordingly, we have budgeted one day for the engineer of record, one day for a senior advisor, and four days for our director of waterfront engineering to work with these agencies. We have also budgeted four days for our director of environmental services to coordinate with regulatory agencies on specific environmental issues that may arise after we submit the application package.

ESTIMATED SCHEDULE

No .	Task	Months from Notice to Proceed																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Field Investigation																		
2	Preliminary Design																		
3	Permitting																		
4	Project Coordination																		

TAYLOR ENGINEERING, INC.
COST SUMMARY BY TASK
P2015-157: ENGINEERING AND ENVIRONMENTAL SERVICES FOR ICWW
DEEPENING PALM BEACH SOUTH

TASK 1: FIELD INVESTIGATION

<i>Labor</i>	Hours	Cost (\$)	Task Totals
Senior Advisor	8.0	1,488.00	
Director	32.0	5,088.00	
Senior Professional	16.0	2,256.00	
Project Professional	40.0	4,240.00	
Senior Technical Support	16.0	1,728.00	
Administrative	8.0	416.00	
Total Man-Hours	120.0		
Labor Cost			15,216.00
<i>Non-Labor</i>	Units	Cost (\$)	
M&E Survey	1.0	64,073.00	
DET	1.0	73,000.00	
Non-Labor Cost		137,073.00	
Fee @ 10.0%		13,707.30	
Total Non-Labor Cost			150,780.30
<i>Total Task 1</i>			\$ 165,996.30

TASK 2: PRELIMINARY DESIGN

<i>Labor</i>	Hours	Cost (\$)	Task Totals
Senior Advisor	8.0	1,488.00	
Director	52.0	8,268.00	
Senior Professional	26.0	3,666.00	
Project Professional	124.0	13,144.00	
Senior Technical Support	116.0	12,528.00	
Administrative	26.0	1,352.00	
Total Man-Hours	352.0		
Labor Cost			40,446.00
<i>Non-Labor</i>	Units	Cost (\$)	
Rental Car	1.0	100.00	
Per Diem	2.0	60.00	
Non-Labor Cost		160.00	
Fee @ 10.0%		16.00	
Total Non-Labor Cost			176.00
<i>Total Task 2</i>			\$ 40,622.00

ATTACHMENT B

**P2015-157: ENGINEERING AND ENVIRONMENTAL SERVICES FOR ICWW
DEEPENING PALM BEACH SOUTH**

TASK 3: PERMITTING

<i>Labor</i>	Hours	Cost (\$)	Task Totals
Senior Advisor	20.0	3,720.00	
Director	56.0	8,904.00	
Senior Professional	52.0	7,332.00	
Project Professional	180.0	19,080.00	
Editor	8.0	792.00	
Senior Technical Support	28.0	3,024.00	
Administrative	25.0	1,300.00	
Total Man-Hours	369.0		
Labor Cost			44,152.00
<i>Total Task 3</i>			\$ 44,152.00

TASK 4: PROJECT COORDINATION

<i>Labor</i>	Hours	Cost (\$)	Task Totals
Senior Advisor	8.0	1,488.00	
Director	72.0	11,448.00	
Administrative	8.0	416.00	
Total Man-Hours	88.0		
Labor Cost			13,352.00
<i>Total Task 4</i>			\$ 13,352.00

Project Total \$ 264,122.30



MORGAN & EKLUND, INC.

PROFESSIONAL SURVEY CONSULTANTS

November 24, 2015

Taylor Engineering, Inc.
Attn: Lori Brownell, P.E.
10151 Deerwood Park Blvd.
Building 300, Suite 300
Jacksonville, Florida 32256

RE: Utility Crossing Report together with Magnetometer, Sidescan Sonar and Seismic Survey of the Palm Beach County ICWW from the Port of Palm Beach to the City of West Palm Beach docks (i.e. Okeechobee Blvd.) 24,000 linear feet or 4.5 Miles (15 Crossings +/-)

Dear Lori:

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 together with longitudinal lines 50' left, 100' left, 200' left, 50' right, 100' right and 200' right.

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

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:

Task 1: Utility Crossing Report

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

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

Chief Surveyor	
24 hours @ \$135/hr	\$ 3,240.00
Project Surveyor	
40 hours @ \$85/hr	\$ 3,400.00
Computer Technician	
40 hours @ \$65/hr	\$ 2,600.00
	\$ 9,240.00
Total Cost Task 1.....	\$ 9,240.00

Lori Brownell, P.E.
November 24, 2015
Page (2)

Task 2:**Field Survey ***

Data Collection along longitudinal lines @ 50' spacing (7 lines x 24,000' each = 32 miles total)

- A. Morgan & Eklund, Inc. will provide a 26' Survey Boat, Operator, Trimble GPS and 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 RTK/GPS	
1 day @ \$350/day	\$ 350.00
26' Survey Boat	
1 day @ \$450/day	\$ 450.00
	\$ 2,570.00/day
X 4 days =	\$ 10,280.00

- B. Sonographics will provide the Sidescan Sonar, Magnetometer, Sub Bottom Profiler and Systems Operator. **

Lump Sum Fee	\$ 13,158.00
--------------------	--------------

- C. Data Reduction, Plotting of Sidescan Sonar and Seismic targets together with magnetic anomalies.

Chief Surveyor	
12 hours @ \$135/hr	\$ 1,620.00
Project Surveyor	
32 hours @ \$85/hr	\$ 2,720.00
Computer Technician	
40 hours @ \$65/hr	\$ 2,600.00
	\$ 6,940.00
Total Cost Task 2, A-C	\$ 30,378.00

Total Task 1-2 \$ 39,618.00

*Includes one day for mobilization and demobilization

**See attached proposal from Sonographics

Lori Brownell, P.E.
November 24, 2015
Page (3)

Task 3: Optional

Bathymetric survey of Palm Beach County ICWW from Port of Palm Beach to North Side of Royal Palm Beach ICWW Channel referenced to Mean Lower Low Water (500' x 24,000')

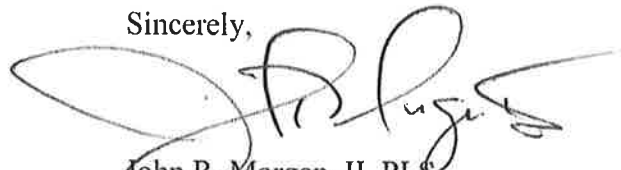
	<u>10 Hour Day</u>
Project Surveyor.....	\$ 850.00
Three Man Survey Crew.....	\$ 1,350.00
Multi Beam MB-1	\$ 750.00
Trimble RTK/GPS	\$ 350.00
26' Survey Boat	\$ 450.00
TSS Motion Compensator.....	\$ 200.00
Odom Digibar	\$ 125.00
	<u>\$ 4,075.00/day</u>
x 5 days =	\$ 20,375.00

Data Reduction and Plotting

Chief Surveyor	
2 hours @ \$135/hr.....	\$ 270.00
Project Surveyor	
30 hours @ \$75/hr.....	\$ 2,250.00
Computer Tech	
24 hours @ \$65/hr.....	<u>\$ 1,560.00</u>
	\$ 4,080.00
Total Cost Task 3	\$ 24,455.00

As always, Morgan & Eklund, Inc. appreciates this opportunity to work with you and Taylor Engineering, Inc. on this project.

Sincerely,



John R. Morgan, II, PLS
President

JRM:sm

SONOGRAPHICS

Remote Sensing Excellence

November 24, 2015

John Morgan
Morgan & Eklund
8745 U.S. Hwy 1, P.O. Box 1420
Wabasso, Fl. 32970

Dear John:

SONOGRAPHICS, INC. is pleased to respond to your request for Geophysical Survey Services for the location of utility crossings in the Intracoastal Water Way in Palm Beach County, Florida. We propose to provide the following:

SCHEDULE OF EQUIPMENT AND OPERATORS:

EdgeTech Digital Chirp Side-scan Sonar System
Geometrics G-882 Digital Cesium Magnetometer System
EdgeTech SB-216S Digital chirp Sub-bottom Profiler System
Geophysicist / Systems Operator / Technician
Honda 2KW generator

SCHEDULE OF DELIVERABLES:

- 1) Digital Sonar Mosaic of Surveyed Areas.
- 2) Digitized map of bottom features including any detected utilities.
- 3) Magnetic Contour Map.
- 4) Table of utility related or suspected magnetic anomalies.
- 5) Track Maps of the Sub-bottom lines run as DXF files.
- 6) Digital profiles of each seismic line with utility related or suspected anomalies outlined in the form of HTML JPEG files.

SCHEDULE OF COSTS:

Lump Sum Fee for Field Survey, Post Processing and all Deliverables:

\$13,158.00

The above quotation includes per diem expenses, transit, freight and expendables. If I can be of further assistance please do not hesitate to call. Quotation is valid for 60 days.

Sincerely,

F. N. "Rick" Horgan
SONOGRAPHICS, INC.

November 20, 2015

DUNKELBERGER
engineering & testing, inc.
A Terracon COMPANY

Florida Inland Navigation District,
c/o Taylor Engineering, Inc.
10151 Deerwood Park Blvd., Bldg. 300, Suite 300,
Jacksonville, FL 32256

Proposal No. PHD150355

Attention: Ms. Lori S. Brownell, P.E.,
Director, Waterfront Engineering

Subject: **Proposal, Geotechnical Engineering Services**
Geotechnical Site Characterization Study
Intracoastal Waterway Palm Beach South Deepening Project
Palm Beach County, Florida

Telephone: 904 904 731-7040
E-mail: lbrownell@taylorengineering.com

Dear Ms. Brownell:

Dunkelberger Engineering & Testing, A Terracon Company (DUNKELBERGER) appreciates the opportunity to submit this proposal for Geotechnical Engineering Services for the above-referenced project.

1.0 INTRODUCTION

Pursuant to the November 18, 2015 request of Ms. Lori Brownell, P.E. with Taylor Engineering, Inc. (Taylor), DUNKELBERGER is pleased to submit this proposal for geotechnical engineering services in connection with the above-referenced project. The Florida Inland Navigation District (FIND) intends to deepen a portion of the Intracoastal Waterway between the Port of Palm Beach and the City of West Palm Beach docks (south of the Flagler Memorial Bridge), for a total distance of approximately 3.6 miles. The project plans currently call for dredging to an elevation of -15 feet Mean Low Water (MLW), with an allowable over-dredge depth of 2 feet (i.e. -17 feet MLW). The Request for Proposal stated that borings are to be drilled approximately 1,000 feet on center along the alignment of the dredging project, and that each boring is to extend to at least four feet below the allowable over-dredge depth (i.e. to -21 feet MLW).

This proposal includes a description of the scope of the work, a schedule for execution of the work and a cost proposal for the work. The scope of work described herein includes the number of boring locations requested in the RFP, and also includes ten (10) contingency boring locations (which will be drilled if needed to better characterize the subsurface conditions along the project corridor).



**Proposal for Geotechnical Engineering Services
Intracoastal Waterway Palm Beach South Deepening Project**

2.0 SCOPE OF SERVICES

2.1. Safety - IIF

At Terracon, we all have a personal and uncompromising commitment to everyone going home safely each and every day. Incident and Injury-Free (*IIF*) is about care and concern for people. It is our personal and organizational commitment at all levels of the company and is where safety is held as a core value as well as an operational priority. Working safely is an inseparable part of working correctly, just as much as other operational priorities, in particular quality, profitability and schedule. Incident and Injury-Free is our commitment to our people and others, who we value for who they are and what they do.

IIF is not just something we do, it's in everything we do. As part of our *IIF* process, we will prepare a "Pre-Task Plan" for this project where we will identify the potential site safety and job hazards associated with your site. Our Pre-Task Plan will identify and prepare our personnel to be able to handle conditions such as but not limited to traffic control, environmental contamination, site access issues, overhead and underground utilities, adverse weather conditions, and personal protection equipment and will continually be reviewed and reevaluated throughout the field work activities. We understand that each site is unique and may contain different safety conditions and as a company to protect our personnel as well as others, we look at each site individually to identify the potential concerns. This is especially important when working on the water.

2.2 Geotechnical Services

The work will consist of the following elements:

1. **Task 1 – Permit Acquisition:** Submittal for and acquisition of a permit from the U.S. Army Corps of Engineers (USACE).
2. **Task 2 – Utility Clearance:** Mark the locations of the thirty (30) borings on the water and implement the Sunshine Utility Clearance process. Locations of the borings will be established by Dunkelberger with coordination (by Dunkelberger) and approval (by Taylor). In conjunction with this effort, we will research our files as well as public records for public projects in the site vicinity. Relevant subsurface conditions described for those projects will be compiled and summarized. That information (geotechnical data mining) will be shared with Taylor and utilized in development of the Boring Location Plan.
3. **Task 3 – SPT Boring Collection:** Mobilization of personnel and equipment for the purpose of drilling Standard Penetration Test (SPT) borings in accordance with procedures outlined in ASTM D 1586. A small barge will be mobilized for the work. Dunkelberger will provide subsurface exploration from the deck of a barge at twenty (20) locations.

**Proposal for Geotechnical Engineering Services
Intracoastal Waterway Palm Beach South Deepening Project**

- At each location, a single SPT boring will be drilled to a depth of at least 30 feet below the deck of the barge. This will result in a bottom of exploration elevation of -21 feet MLW, or deeper.
 - SPT samples will be obtained continuously for each boring at a nominal vertical spacing of 2 feet.
 - Temporary casing will be set as needed to maintain borehole stability and to enable recirculation of drilling fluids.
 - The completed boreholes will be sealed with neat cement grout, and the temporary casing will be removed.
 - Up to 10 (ten) contingency borings will be drilled if needed to better characterize the site subsurface conditions. The need for the contingency borings will be determined in real time as the subsurface data becomes available. Authorization of and locations of the contingency borings will be made in a collaborative effort with Taylor Engineering.
4. **Task 4 - Laboratory Collection and Analysis:** Samples obtained from the borings will be reviewed by a geotechnical engineer and classified in accordance with the Unified Soil Classification System (ASTM D 2487) and appropriate geologic nomenclature. Representative samples from the borings will be tested in the laboratory for engineering properties such as moisture content, organic content and grain size distribution.
5. **Task 5 – Summary Engineering Report:** Dunkelberger will provide a geotechnical report for the SPT borings drilled for this project and for other public projects in the vicinity of the subject dredging project. The report will include a boring location plan, subsurface profiles, laboratory test results, a summary of the methods utilized for the exploration and key findings from the work.

3.0 SCHEDULE

Based upon the scope of work described in this proposal and our experience with similar projects in the ICWW, we anticipate the following schedule relative to Notice to Proceed (NTP).

- | | |
|---|---------|
| • Safety Protocol & Submit USACE Permit Application | Week 1 |
| • Geotechnical Data Mining | Week 4 |
| • Submit Proposed Boring Location Plan | Week 5 |
| • Obtain USACE Permit Application | Week 8 |
| • Mark Boring Locations on Water | Week 9 |
| • Obtain Sunshine Utility Clearance | Week 12 |
| • Mobilization of Drilling Rig & Barge | Week 13 |
| • Complete Initial 20 SPT Borings | Week 15 |
| • Contingency Borings (if needed) | Week 16 |
| • Laboratory Testing | Week 17 |
| • Geotechnical Engineering Report | Week 18 |

The schedule is provided graphically on Attachment 1.

**Proposal for Geotechnical Engineering Services
Intracoastal Waterway Palm Beach South Deepening Project**

4.0 COMPENSATION

We propose to do the work as defined in Section 2 scope of services on a unit price basis with a limiting amount fee of **\$73,000**. A detailed summary of our fee is itemized on Attachment 2. If additional effort is required beyond the scope of services defined in Section 2, or weather conditions cause delays, we will notify you in writing and present a revised scope of services and associated cost for these services. The fee is valid for 90 days from the date of this proposal and is based on the assumption that all field services will be performed under safety Level D personal protective procedures. The fee is based on the assumptions and conditions provided at the time of this proposal. Additional work (if needed) will be covered under a supplemental agreement.

5.0 AUTHORIZATION

If this proposal is acceptable to you, kindly send your contract or work order using this document as an attachment. We appreciate the opportunity to provide this proposal and look forward to working with you on this project. If you have any questions or comments regarding this proposal or require additional services, please give me a call.

Sincerely,

**Dunkelberger Engineering & Testing,
A Terracon Company**



Kevin E. Aubry, P.E.
Geotechnical Services Manager

Douglas S. Dunkelberger, P.E.
Principal Geotechnical Engineer

Attachment 1 – Schedule

Attachment 2 – Itemized Fee Estimate

ICWW PALM BEACH SOUTH DEEPENING PROJECT
BORINGS & GEOTECHNICAL WORK

Update	20-Nov	WEEK DESIGNATION AFTER NTP																	
COMPONENT		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Safety Protocol																			
Submit USACE Permit Application																			
Geotechnical Data Mining																			
Develop Boring Location Plan																			
Obtain USACE Permit Application																			
Utility Clearance																			
Field Marking - Water																			
Sunshine																			
Rig & Barge Mobilization																			
SPT Borings 20 @ 30 feet deep																			
Contingency Borings 10 @ 30 feet deep																			
Laboratory Testing																			
CADD																			
Geotechnical Engineering Report																			

COLOR CODE

OFFICE STAFF

FIELD TECH

WATER BORINGS

ENGINEERING

LAB WORK

CADD

**ATTACHMENT 2 - GEOTECHNICAL EXPLORATION
INTRACOASTAL WATERWAY DEEPENING PROJECT - PALM BEACH COUNTY, FL
DUNKELBERGER ENGINEERING & TESTING, A TERRACON COMPANY**

20-Nov-15
K. Aubry

ITEM DESCRIPTION		UNITS	AMOUNT	UNIT RATE	FEE
I. PROJECT START-UP & MOBILIZATION					
A. Utility Clearance					
Staff Engineer		hours	40	\$ 85.00	\$ 3,400.00
Boat Rental		days	1	\$ 800.00	\$ 800.00
B. Drill Rig Mobilization					
Barge Mounted Drilling Rig		each	1	\$ 6,000.00	\$ 6,000.00
C. Permits (USACE and USCG)		hours	24	\$ 115.00	\$ 2,760.00
SUBTOTAL- PROJECT START UP & MOBILIZATION					\$ 12,960.00
II. STANDARD PENETRATION TEST BORINGS (ON WATER)					
A. SPT Borings - 20 borings to 30 feet deep below deck of barge					
Drilling - Daily Rate		days	4	\$ 5,000.00	\$ 20,000.00
B. Contingency Borings - 10 borings to 30 feet deep below deck of barge					
Drilling - Daily Rate		days	2	\$ 5,000.00	\$ 10,000.00
Daily Drilling Rate includes SPT Borings, Set and Pull Temporary Casing, and Grouting Boreholes, and Moves between Boring Locations					
C. Borehole Logging		days	6	\$ 1,000.00	\$ 6,000.00
SUBTOTAL- STANDARD PENETRATION TEST BORINGS (ON WATER)					\$ 36,000.00
III. EXPENSES					
A. Per Diem (2 man crew, 6 days)		days	6	\$ 300.00	\$ 1,800.00
B. Storage & Disposal of Drilling Fluids		drums	20	\$ 260.00	\$ 5,200.00
SUBTOTAL- EXPENSES					\$ 7,000.00
IV. LABORATORY WORK					
A. Visual Engineering Classification					
Staff Engineer		hours	12	\$ 85.00	\$ 1,020.00
B. Moisture Content Test		each	40	\$ 10.00	\$ 400.00
C. Organic Content		each	8	\$ 50.00	\$ 400.00
D. Grain Size Distribution		each	40	\$ 75.00	\$ 3,000.00
SUBTOTAL-LABORATORY WORK					\$ 4,820.00
V. PROJECT MANAGEMENT & SUMMARY REPORT					
A. Principal Engineer		hours	16	\$ 175.00	\$ 2,800.00
B. Project Engineer		hours	32	\$ 115.00	\$ 3,680.00
C. Staff Engineer		hours	40	\$ 85.00	\$ 3,400.00
D. CADD Drafting		hours	24	\$ 85.00	\$ 2,040.00
E. Admin. Assistant		hours	4	\$ 55.00	\$ 220.00
SUBTOTAL-PROJECT MANAGEMENT & SUMMARY REPORT					\$ 12,140.00
ESTIMATED TOTAL AMOUNT					\$ 72,920.00
LIMITING AMOUNT - GEOTECHNICAL EXPLORATION					\$ 73,000



11/20/2015 2:38:59 PM

ANTON X.US\9\PROJECTS\2002-016 PIND GENERAL SERVICES\2015 EAST CHANNEL\FIGURES\CHANNEL OVERVIEW.DWG

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.



U.S. Bureau of Labor Statistics

Consumer Price Index, Miami-Fort Lauderdale – October 2015

Area prices up 0.2 percent over the two months and 1.1 percent over the year

The Consumer Price Index for All Urban Consumers (CPI-U) for Miami edged up 0.2 percent over the September-October pricing period, the U.S. Bureau of Labor Statistics reported today. Regional Commissioner Janet S. Rankin noted that the all items less food and energy rose 0.8 percent, while energy prices declined 5.8 percent over the two months. During this same period, the food index edged up 0.2 percent. (Data in this report are not seasonally adjusted. Accordingly, month-to-month changes may reflect the impact of seasonal influences.)

Over the last 12 months, the CPI-U rose 1.1 percent. The index for all items less food and energy advanced 3.1 percent over the year reflecting annual increases in several categories, including shelter, education and communication, and medical care. (See [chart 1](#) and [table 1](#).)

News Release Information

15-2211-ATL

Tuesday, November 17, 2015

Contacts

Technical information:

(404) 893-4222

BLInfoAtlanta@bls.govwww.bls.gov/regions/southeast

/southeast

Media contact:

(404) 893-4220

PDF

[PDF version](#)

Chart 1. 12-month percent change in CPI for All Urban Consumers (CPI-U), Miami-Fort Lauderdale, October 2012–October 2015



Food

Food prices edged up 0.2 percent during the September-October pricing period, led by a 1.2-percent increase in the food away from home index. Prices for food at home declined 0.4 percent over the two months.

From October 2014 to October 2015, the food index advanced 2.5 percent, as prices increased for both food away from home (4.0 percent) and food at home (1.6 percent).

Energy

The energy index declined 5.8 percent during the two month pricing period, reflecting an 11.0-percent decrease in motor fuel prices. Prices for electricity edged down 0.2 percent over the two months, while prices for utility (piped) gas service were unchanged.

Over the year, the energy index fell 18.8 percent, largely due to a 30.0-percent drop in prices for motor fuel. Prices also declined

over the year for both electricity (-4.1 percent) and utility (piped) gas service (-4.2 percent).

All items less food and energy

The index for all items less food and energy increased 0.8 percent over the September-October pricing period. Price increases for several indexes including shelter (0.9 percent), education and communication (1.0 percent), and medical care (0.7 percent) were partially offset by a price decline in the apparel index (-2.5 percent).

Over the year, the index for all items less food and energy advanced 3.1 percent. Price increases were noted for several categories, most notably shelter (4.8 percent) and medical care (6.3 percent).

Table A. Miami metropolitan area CPI-U 2-month and 12-month percent changes, all items index, not seasonally adjusted

Month	2010		2011		2012		2013		2014		2015	
	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month
February	-0.2	0.9	1.1	2.2	1.0	2.9	1.5	1.9	1.2	1.6	0.3	0.4
April	0.1	0.9	1.8	4.0	0.9	2.0	-0.2	0.9	0.7	2.5	0.8	0.5
June	-0.1	0.4	-0.1	4.0	-0.9	1.2	-0.1	1.6	-0.3	2.4	0.4	1.2
August	0.2	0.7	0.7	4.5	0.9	1.4	-0.2	0.6	-0.1	2.4	0.0	1.3
October	0.4	0.5	-0.3	3.8	0.3	2.0	0.6	0.9	0.4	2.2	0.2	1.1
December	0.6	0.9	-0.1	3.1	-0.7	1.4	0.2	1.9	-0.6	1.4	-	-

The Consumer Price Index for November 2015 is scheduled to be released on Tuesday, December 15, 2015.

Technical Note

The Consumer Price Index (CPI) is a measure of the average change in prices over time in a fixed market basket of goods and services. The Bureau of Labor Statistics publishes CPIs for two population groups: (1) a CPI for All Urban Consumers (CPI-U) which covers approximately 89 percent of the total population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers 28 percent of the total population. The CPI-U includes, in addition to wage earners and clerical workers, groups such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force.

The CPI is based on prices of food, clothing, shelter, and fuels, transportation fares, charges for doctors' and dentists' services, drugs, and the other goods and services that people buy for day-to-day living. Each month, prices are collected in 87 urban areas across the country from about 6,000 housing units and approximately 24,000 retail establishments—department stores, supermarkets, hospitals, filling stations, and other types of stores and service establishments. All taxes directly associated with the purchase and use of items are included in the index.

The index measures price changes from a designated reference date (1982-84) that equals 100.0. An increase of 16.5 percent, for example, is shown as 116.5. This change can also be expressed in dollars as follows: the price of a base period "market basket" of goods and services in the CPI has risen from \$10 in 1982-84 to \$11.65. For further details see the CPI home page on the Internet at www.bls.gov/cpi and the BLS Handbook of Methods, Chapter 17, The Consumer Price Index, available on the Internet at www.bls.gov/opub/hom/pdf/homch17.pdf.

In calculating the index, price changes for the various items in each location are averaged together with weights that represent their importance in the spending of the appropriate population group. Local data are then combined to obtain a U.S. city average. Because the sample size of a local area is smaller, the local area index is subject to substantially more sampling and other measurement error than the national index. In addition, local indexes are not adjusted for seasonal influences. As a result, local area indexes show greater volatility than the national index, although their long-term trends are quite similar. **NOTE: Area indexes do not measure differences in the level of prices between cities; they only measure the average change in prices for each area since the base period.**

The **Miami-Fort Lauderdale, FL** consolidated area covered in this release is comprised of Broward and Miami-Dade Counties in Florida.

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200;

Federal Relay Service: (800) 877-8339.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods
Miami-Fort Lauderdale, FL (1982-84=100 unless otherwise noted)

Item and Group	Indexes			Percent change from-		
	Aug. 2015	Sep. 2015	Oct. 2015	Oct. 2014	Aug. 2015	Sep. 2015
Expenditure category						
All Items	246.348	-	246.789	1.1	0.2	-
All Items (November 1977=100)	397.078	-	397.790	-	-	-
Food and beverages	259.459	-	260.158	2.5	0.3	-
Food	262.134	-	262.657	2.5	0.2	-
Food at home	259.997	260.212	258.868	1.6	-0.4	-0.5
Food away from home	268.354	-	271.678	4.0	1.2	-
Alcoholic beverages	222.322	-	226.073	1.7	1.7	-
Housing	247.677	-	249.557	3.6	0.8	-
Shelter	279.909	280.775	282.298	4.8	0.9	0.5
Rent of primary residence ⁽¹⁾	273.862	273.897	275.088	5.9	0.4	0.4
Owners' equiv. rent of residences ⁽¹⁾ ⁽²⁾	282.045	282.978	284.463	4.3	0.9	0.5
Owners' equiv. rent of primary residence ⁽¹⁾ ⁽²⁾	282.045	282.978	284.463	4.3	0.9	0.5
Fuels and utilities	171.423	-	171.576	-3.2	0.1	-
Household energy	149.451	148.818	148.972	-4.4	-0.3	0.1
Energy services ⁽¹⁾	146.408	145.844	146.056	-4.1	-0.2	0.1
Electricity ⁽¹⁾	142.977	142.417	142.627	-4.1	-0.2	0.1
Utility (piped) gas service ⁽¹⁾	201.909	201.909	201.914	-4.2	0.0	0.0
Household furnishings and operations	160.059	-	160.946	-0.5	0.6	-
Apparel	151.495	-	147.674	0.6	-2.5	-
Transportation	212.640	-	209.337	-9.0	-1.6	-
Private transportation	216.051	-	210.959	-9.2	-2.4	-
Motor fuel	229.448	210.255	204.286	-30.0	-11.0	-2.8
Gasoline (all types)	226.752	207.769	201.872	-30.0	-11.0	-2.8
Unleaded regular ⁽³⁾	223.718	204.597	198.270	-30.6	-11.4	-3.1
Unleaded midgrade ⁽³⁾ ⁽⁴⁾	221.123	205.785	203.262	-26.7	-8.1	-1.2
Unleaded premium ⁽³⁾	242.072	224.639	222.395	-25.6	-8.1	-1.0
Medical Care	457.358	-	460.337	6.3	0.7	-
Recreation ⁽⁵⁾	114.471	-	114.145	-0.2	-0.3	-
Education and communication ⁽⁵⁾	127.898	-	129.203	1.2	1.0	-
Other goods and services	340.161	-	340.579	1.8	0.1	-
Commodity and service group						
All Items	246.348	-	246.789	1.1	0.2	-
Commodities	201.840	-	198.831	-3.3	-1.5	-
Commodities less food & beverages	167.289	-	162.241	-7.9	-3.0	-
Nondurables less food & beverages	200.397	-	192.285	-11.0	-4.0	-
Durables	132.199	-	130.903	-1.5	-1.0	-
Services	281.103	-	284.003	3.4	1.0	-
Special aggregate indexes						
All Items less medical care	237.129	-	237.488	0.8	0.2	-
All Items less shelter	228.822	-	228.198	-1.3	-0.3	-
Commodities less food	169.566	-	164.761	-7.6	-2.8	-
Nondurables	231.774	-	228.060	-3.7	-1.6	-

Item and Group	Indexes			Percent change from-		
	Aug. 2015	Sep. 2015	Oct. 2015	Oct. 2014	Aug. 2015	Sep. 2015
Nondurables less food	201.997	-	194.488	-10.3	-3.7	-
Services less rent of shelter ⁽²⁾	290.774	-	294.523	1.4	1.3	-
Services less medical care services	267.618	-	270.391	3.2	1.0	-
Energy	184.522	176.255	173.895	-18.8	-5.8	-1.3
All items less energy	253.369	-	255.057	3.0	0.7	-
All items less food and energy	251.695	-	253.599	3.1	0.8	-
Footnotes (1) This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator. (2) Index is on a November 1982=100 base. (3) Special index based on a substantially smaller sample. (4) Indexes on a December 1993=100 base. (5) Indexes on a December 1997=100 base. - Data not available. NOTE: Index applies to a month as a whole, not to any specific date. Data not seasonally adjusted.						

Last Modified Date: Tuesday, November 17, 2015

U.S. Bureau of Labor Statistics | Southeast Information Office, Suite 7T50, 61 Forsyth St., S.W., Atlanta, GA 30303

www.bls.gov/regions/southeast | Telephone: 1-404-893-4222 | [Contact Southeast Region](#)



Fact Sheet

SOCIAL SECURITY

2015 SOCIAL SECURITY CHANGES

o **Cost-of-Living Adjustment (COLA):**

Based on the increase in the Consumer Price Index (CPI-W) from the third quarter of 2013 through the third quarter of 2014, Social Security and Supplemental Security Income (SSI) beneficiaries will receive a 1.7 percent COLA for 2015. Other important 2015 Social Security information is as follows:

	<u>2014</u>	<u>2015</u>
o <u>Tax Rate:</u>		
Employee	7.65%	7.65%
Self-Employed	15.30%	15.30%

NOTE: The 7.65% tax rate is the combined rate for Social Security and Medicare. The Social Security portion (OASDI) is 6.20% on earnings up to the applicable taxable maximum amount (see below). The Medicare portion (HI) is 1.45% on all earnings. Also, as of January 2013, individuals with earned income of more than \$200,000 (\$250,000 for married couples filing jointly) pay an additional 0.9 percent in Medicare taxes. The tax rates shown above do not include the 0.9 percent.

o **Maximum Taxable Earnings:**

Social Security (OASDI only)	\$117,000	\$118,500
Medicare (HI only)	No Limit	

o **Quarter of Coverage:**

\$1,200	\$1,220
---------	---------

o **Retirement Earnings Test Exempt Amounts:**

Under full retirement age	\$15,480/yr. (\$1,290/mo.)	\$15,720/yr. (\$1,310/mo.)
---------------------------	-------------------------------	-------------------------------

NOTE: One dollar in benefits will be withheld for every \$2 in earnings above the limit

The year an individual reaches full retirement age	\$41,400/yr. (\$3,450/mo.)	\$41,880/yr. (\$3,490/mo.)
--	-------------------------------	-------------------------------

NOTE: Applies only to earnings for months prior to attaining full retirement age.

One dollar in benefits will be withheld for every \$3 in earnings above the limit.

There is no limit on earnings beginning the month an individual attains full retirement age.

o **Social Security Disability Thresholds:**

Substantial Gainful Activity (SGA)

Non-Blind	\$1,070/mo.	\$1,090/mo.
Blind	\$1,800/mo.	\$1,820/mo.
Trial Work Period (TWP)	\$ 770/mo.	\$ 780/mo.

o **Maximum Social Security Benefit: Worker Retiring at Full Retirement Age:**

	\$2,642/mo.	\$2,663/mo.
--	-------------	-------------

o **SSI Federal Payment Standard:**

Individual	\$ 721/mo.	\$ 733/mo.
Couple	\$1,082/mo.	\$1,100/mo.

o **SSI Resources Limits:**

Individual	\$2,000	\$2,000
Couple	\$3,000	\$3,000

o **SSI Student Exclusion:**

Monthly limit	\$1,750	\$1,780
Annual limit	\$7,060	\$7,180

o **Estimated Average Monthly Social Security Benefits Payable in January 2015:**

	<u>Before 1.7% COLA</u>	<u>After 1.7% COLA</u>
All Retired Workers	\$1,306	\$1,328
Aged Couple, Both Receiving Benefits	\$2,140	\$2,176
Widowed Mother and Two Children	\$2,635	\$2,680
Aged Widow(er) Alone	\$1,253	\$1,274
Disabled Worker, Spouse and One or More Children	\$1,943	\$1,976
All Disabled Workers	\$1,146	\$1,165

Executive Assistant/Secretary

Employer Name	Your Title	FLSA Status	Match (L,S,H)	Minimum	Midpoint	%tile	Maximum	# of Budget Positions	# of Filled Positions	Rank	Actual Salary	Comments
Town of Palm Beach	Executive Assistant	NE	S	\$45,701	\$58,919	79%	\$72,136	1.	1	1	\$70,034	
City of Pompano Beach	Executive Secretary	NE	S	\$46,733	\$56,246	69%	\$65,759	1	1	2	\$67,732	
City of Coconut Creek	Sr. Administrative Assistant	NE	S	\$43,451	\$55,401	62%	\$67,350	1.	1	3	\$67,350	
Town of Jupiter	Executive Assistant	EX	S	\$40,323	\$50,405	26%	\$60,486	1.	1	4	\$67,147	
Palm Beach County Sheriff's Office	Executive Secretary	NE	S	\$46,860	\$69,720	77%	\$86,890	11.	11	5	\$66,890	
City of Tamarac	Executive Assistant	NE	S	\$39,388	\$52,884	41%	\$66,380	1.	1	6	\$66,380	
City of West Palm Beach	Executive Assistant to City Administrator	NE	S	\$42,895	\$54,584	56%	\$66,273	1.	1	7	\$66,264	
City of Pembroke Pines	EXECUTIVE ASSISTANT	EX	S	\$35,203	\$68,120	100%	\$81,036	1.	1	8	\$65,853	
City of Hollywood	Executive Assistant	EX	S	\$49,089	\$63,816	92%	\$78,543	1.	3	9	\$65,478	
Town of Davie	Administrative Aide	NE	S	\$52,408	\$63,076	90%	\$73,743	8.	8	10	\$64,374	
City of Plantation	Executive Aide to the Mayor	EX	S	\$50,439	\$66,740	97%	\$83,041	1.	1	11	\$63,484	
Village of Royal Palm Beach	Executive Administrative Assistant	NE	S	\$45,142	\$55,844	67%	\$66,545	1.	1	12	\$63,316	
City of Boca Raton	Executive Office Manager	NE	H	\$37,115	\$50,080	23%	\$63,045	1	1	13	\$61,808	
City of Hallandale Beach	Administrative Office Assistant V	EX	S	\$46,948	\$53,539	49%	\$60,133	1.	1	14	\$61,526	
PBC Clerk and Comptroller	Executive Assistant	EX	S	\$46,308	\$57,885	74%	\$69,462	1.	1	15	\$61,506	
Broward County Sheriff's Office	Administrative Assistant	NE	S	\$40,539	\$51,715	31%	\$62,890	1.	25	16	\$59,893	
City of Lauderdale	Executive Assistant	EX	S	\$53,083	\$65,008	95%	\$76,932	1.	1	17	\$59,486	
Palm Beach County School District	Executive Secretary	NE	S	\$41,572	\$56,711	72%	\$71,850	1.	20	18	\$56,981	
City of Dania Beach	Executive Assistant to the City Manager	NE	H	\$39,648	\$50,034	21%	\$60,421	1.	1	19	\$53,948	
City of Miramar	Executive Assistant	NE	S	\$39,214	\$52,738	38%	\$66,262	12.	12	20	\$53,515	
City of Sunrise	EXECUTIVE ASSISTANT	EX	S	\$44,632	\$53,080	44%	\$61,527	1	1	21	\$53,080	
Pinellas County Government	County Commissioner Assistant	E	S	\$43,035	\$54,101	51%	\$65,166	1.	6	22	\$52,066	
City of Riviera Beach	EXECUTIVE ASSISTANT	NE	S	\$43,431	\$55,374	59%	\$67,317	3	3	23	\$51,903	
City of Coral Springs	Executive Asst to City Manager	NE	S	\$43,000	\$53,500	48%	\$64,000	1	1	24	\$51,762	
City of Lauderdale Lakes	Executive Assistant	EX	H	\$41,574	\$52,274	36%	\$62,974	1.	1	25	\$51,500	
City of Boynton Beach	Administrative Assistant-City Manager's Office	EX	S	\$48,889	\$61,111	85%	\$73,333	1.	1	26	\$50,429	
City of Greenacres	Executive Secretary	NE	S	\$41,129	\$51,720	33%	\$62,311	1	1	27	\$49,747	
Health Care District	Administrative Coordinator	NE	S	\$41,808	\$54,361	54%	\$66,914	3	3	28	\$48,804	
Children's Services Council of PBC	Administrative Assistant IV	NE	S	\$34,357	\$44,626	5%	\$54,883	2.	2	29	\$47,952	
Martin County	Executive Aides	EX	S	\$36,114	\$47,626	10%	\$59,138	17.	17	30	\$46,114	
Village of Tequesta	Executive Assistant	NE	S	\$42,955	\$55,841	64%	\$68,727	1	1	31	\$45,282	
City of Stuart	Executive Administrative Assistant	NE	S	\$36,974	\$45,918	8%	\$54,863	2.	2.	32	\$45,044	
Palm Beach State College	Executive Administrative Assistant	NE	S	\$31,547	\$48,189	15%	\$64,830	5.	5	33	\$44,844	
Town of Lantana	Executive Assistant/Deputy Town Clerk	NE	H	\$40,618	\$50,773	28%	\$60,927	1.	1	34	\$42,303	
City of North Lauderdale	Executive Secretary	NE	S	\$36,259	\$49,796	18%	\$63,332	2.	2	35	\$37,883	
City of Mangate	Executive Assistant	NE	S	\$51,380	\$61,734	87%	\$72,087	0.	0			
City of Oakland Park	Executive Assistant	EX	H	\$45,975	\$59,768	82%	\$73,560	1.	1			
City of Delray Beach	Executive Assistant	NE	S	\$37,453	\$47,753	13%	\$58,052					
City of Parkland	Senior Administrative Assistant	NE	N	\$31,278	\$38,628	3%	\$45,978	0	0			
				Minimum	Midpoint		Maximum					
				Average:	\$42,935		\$66,203					
				3rd Quartile:	\$54,569		\$70,785					
				1st Quartile:	\$39,518		\$61,919					
				Median:	\$42,955		\$66,262					

Chief Inspector

Employer Name	Your Title	FLSA Status	Match (L,S,H)	Minimum	Midpoint	%tile	Maximum	# of Budget Positions	# of Filled Positions	Rank	Actual Salary	Comments
City of Pompano Beach	Chief Building Inspector	NE	S	\$61,996	\$74,615	48%	\$87,234	4	4	1	\$96,176	
City of Coconut Creek	Chief Mechanical/Plumbing/Electrical Inspector	EX	S	\$62,317	\$79,435	76%	\$96,554	3	2	2	\$95,233	
City of Parkland	Chief Inspector	EX	S	\$61,928	\$78,481	67%	\$91,034		3	3	\$88,390	
Pinellas County Government	Building Division Chief	E	S	\$63,310	\$70,450	38%	\$87,589		1	4	\$87,589	
Village of Wellington	Chief Building Inspector	EX	S	\$59,259	\$80,985	86%	\$102,710			5	\$85,010	
City of Hollywood	Chief Inspector	NE	S	\$61,549	\$84,993	19%	\$78,438		4	6	\$83,751	
City of Hallandale Beach	Chief Inspector	EX	S	\$66,373	\$74,589	43%	\$82,805			7	\$82,805	
City of Plantation	Chief Inspector, Mech/Plumb/Electric	EX	S	\$55,655	\$75,810	62%	\$95,964	3	3	8	\$79,505	
Palm Beach County School District	Sr Construction Inspector	EX	S	\$63,360	\$79,763	81%	\$96,165		1	9	\$78,729	
City of Miramar	Chief Bldg./Elect./Mech./Plumbing Inspector	NE	S	\$60,759	\$75,299	52%	\$89,838	1	1	10	\$78,419	
Marlin County	Chief Inspector / Plans Examiner	EX	S	\$49,875	\$64,581	10%	\$79,286	3	3	11	\$78,023	
City of Boca Raton	Assistant Building Official	EX	H	\$50,875	\$69,658	29%	\$88,440	1	1	12	\$78,000	
City of Riviera Beach	BUILDING OFFICIAL	EX	S	\$70,124	\$87,656	95%	\$105,187	1	1	13	\$77,145	
City of Tamarac	Chief Mechanical/Plumbing/Structural Insp	NE	S	\$63,130	\$77,729	71%	\$92,328	3	3	14	\$77,037	
City of Sunrise	CHIEF BUILDING INSPECTOR	NE	S	\$63,688	\$75,741	57%	\$87,794	1	1	15	\$75,741	
City of West Palm Beach	Chief Building Inspector	NE	S	\$50,989	\$64,884	14%	\$78,778		4	16	\$69,393	
City of Coral Springs	Chief Inspector	EX	S	\$64,000	\$81,000	90%	\$98,000	3	3	17	\$68,484	
Town of Jupiter	Chief Building Inspector	EX	S	\$55,870	\$69,838	33%	\$83,805	1	1	18	\$62,533	
City of Lauderdale Lakes	Structural Inspector	EX	S	\$50,156	\$62,974	5%	\$75,791	1	1	19	\$57,680	
City of Delray Beach	Building and Inspection Administrator	EX	H	\$67,516	\$87,776	100%	\$108,035					
City of Boynton Beach	Chief Field Inspector	EX	S	\$55,026	\$68,783	24%	\$82,539	0	0			
				Minimum	Midpoint		Maximum					
			Average:	\$58,941	\$74,430		\$89,920					
			3rd Quartile:	\$63,360	\$79,435		\$96,165					
			1st Quartile:	\$53,310	\$69,658		\$82,805					
			Median:	\$60,759	\$75,299		\$88,440					
				Actual Salary Results								
				3rd Quartile:	\$84,380		Simple Average:				\$78,950	
				1st Quartile:	\$76,389		Weighted Average:				\$79,954	

IT Director/Chief Information Officer

Employer	Your Title	FLSA Status	Match (L,S,H)	Exec. (Y/N)	Supv. Level	Minimum	Midpoint	%-tile	Maximum	Total EE in Dept	Total Budget	Average Actual Salary	Other Cash Remuneration	Reports to
Palm Beach County Sheriff's Office	Bureau Director - Information Technology Chief Information Officer	Exempt	H	No	Next Level (Level 4)	\$155,352	\$166,326	###	\$177,300	40		\$162,348		Chief Operating Officer
Pineellas County	BTS	Exempt	S			\$129,024	\$162,248	97%	\$195,471			\$167,107		
City of Hallandale Beach	Chief Information Officer Information Technology Director	Exempt	S	Yes	Department Head	\$126,173	\$141,846	93%	\$157,518	6	\$1,464,050	\$126,173		City Manager
City of Hollywood		Exempt	S	Yes	Department Head	\$108,245	\$140,719	90%	\$173,192	22	\$2,131,870			
School District of Palm Beach County	Chief Information Officer Director II, Administrative (Technology Services)	Exempt	H	Yes	Top City/County Official	\$112,530	\$138,798	87%	\$165,065	120		\$131,325		Chief Ops Officer
Village of Wellington		Exempt		Yes	Department Head	\$100,006	\$137,498	83%	\$174,980					
Children's Services Council of PBC	Chief Technology Officer	Exempt	H	Yes	Top City/County Official	\$94,494	\$134,992	80%	\$175,490	1		\$144,375		A Chief HR and Support Services Officer
Health Care District of Palm Beach County	Director, IT Services	Exempt	S	No	Department Head	\$99,570	\$134,420	###	\$169,270			\$148,970		City Manager
City of Coconut Creek	Chief Information Officer Director of Information Technology	Exempt	S	Yes	Department Head	\$104,146	\$132,787	96%	\$161,429	11	\$2,222,040	\$147,597		
CITY OF WEST PALM BEACH		Exempt	S	Yes	Department Head	\$101,164	\$128,837	92%	\$156,509	48.5	\$10,434,180	\$125,000	\$600.00	City Administrator CITY MANAGER
City of Pembroke Pines	SAME	Exempt	H			\$102,024	\$127,556	88%	\$153,088	18	\$3,578,559	\$140,005		Chief Financial Officer
Solid Waste Authority	Director Information Technology	Exempt	S	No	Department Head	\$86,944	\$126,069	83%	\$165,194	11		\$125,653		
PBC Clerk and Comptroller	Chief Information Officer Director of Information Services	Exempt	S	Yes	Department Head	\$100,256	\$125,550	79%	\$150,844	35		\$120,000		
CITY OF CORAL SPRINGS		Exempt		Yes	Department Head	\$97,000	\$121,500	75%	\$146,000	20	\$3,258,968	\$136,960		City Manager
City of Palm Beach Gardens	IT Administrator	Exempt	S	Yes	Department Head	\$92,046	\$119,659	71%	\$147,273	8	\$1,830,509	\$121,056		Assistant City Manager
City of Miramar	Director of Management Information Systems	Exempt	S	No	Department Head	\$87,113	\$117,341	67%	\$147,569	13	\$4,399,000	\$112,750		City Manager
City of Sunrise	I.T. Director	Exempt		Yes		\$98,360	\$118,975	63%	\$135,569					VP, Administration & Business Services
Palm Beach State College	Chief Information Officer Director of Information Technology	Exempt	H	Yes	Department Head	\$73,940	\$115,424	58%	\$156,907	68		\$120,244		Assistant Ctl
City Tamarac		Exempt	S	Yes	Department Head	\$92,000	\$115,000	54%	\$138,000	9	\$2,182,499	\$138,000	Y	
City of Pompano Beach	Information Tech Director	E	S	Yes	Department Head	\$92,529	\$111,364	50%	\$130,198					N/A
City of Plantation	I.T. Director Information Services Director	Exempt	S	Yes	Department Head	\$80,153	\$110,523	46%	\$140,894	16	\$4,308,040	\$114,587		Mayor Asst. Town Administrator
Town of Davie		Exempt	S	Yes	Department Head	\$91,794	\$110,479	42%	\$129,163	13	\$2,744,667		See Comments Car allowance \$550 monthly	
City of Lauderdale	Information Manager	Exempt	L	No	Department Head Reports to	\$83,391	\$106,976	38%	\$130,560	5	\$1,060,345	\$109,737		A Director of Public Safety
Town of Palm Beach	IS Manager Director of Information and Technology	Exempt	S	No	Department Head	\$82,123	\$105,875	33%	\$129,626	8				
City of Margate	Information Systems Manager	Exempt	S	Yes	Department Head	\$85,364	\$102,566	29%	\$119,767	5		\$113,747		Assistant Town Manager
Town of Jupiter	Information Services Director	Exempt	S	Yes	Department Head Reports to	\$80,300	\$100,375	25%	\$120,449	11	\$2,270,063	\$101,437		Assistant City Manager
City of Boca Raton		Exempt		Yes	Department Head Reports to	\$74,986	\$97,901	21%	\$120,815		\$1,496,300	\$118,402		Assistant City Manager
City of Delray Beach		Exempt		No	Department Head Reports to	\$73,601	\$95,681	17%	\$117,761					Finance Director
City of Lake Worth	Assistant IT Director	Exempt		No	Department Head Reports to	\$74,235	\$95,607	13%	\$116,979			\$96,554		Director Tech Services
Palm Beach County Property Appraiser	IT Senior Manager	Exempt	S	Yes	Department Head	\$72,025	\$95,438	8%	\$118,850	10		\$118,849		

IT Director/Chief Information Officer

Employer	Your Title	FLSA Status	Match (L,S,H)	Exec. (Y/N)	Supv. Level	Minimum	Midpoint	%-tile	Maximum	Total EE in Dept.	Total Budget	Average Actual Salary	Other Cash Remuneration	Reports to
City of Stuart	Information Services Director	Exempt	S	Yes	Department Head	\$69,645	\$86,521	4%	\$103,397	4	\$672,202	\$100,881	N/A	City Manager
Broward County Sheriff's Office	Director - Information Technology	Exempt	S	Yes	Department Head					46		\$127,500		Lt Colonel - Dept of Administration
Martin County BOCC	Chief Information Officer									32		\$139,500		Asst County Administrator
						Minimum	Midpoint		Maximum					
					Average:	\$94,211	\$120,092		\$145,973					
					3rd Quartile:	\$100,710	\$133,604		\$163,247					
					1st Quartile:	\$81,212	\$106,425		\$129,395					
					Median:	\$92,046	\$117,341		\$147,273					

2015 PEPIE SALARY SURVEY

Finance Director/Chief Financial Officer

Employer	Your Title	FLSA Status	Match (L,S,H)	Exec. (Y/N)	Supv. Level	Minimum	Midpoint	%-title	Maximum	Total EE in Dept.	Total Budget	Average Actual Salary	Other Cash Remuneration	Reports to	Comments
Health Care District of Palm Beach County	Chief Operations Officer/Chief Financial Officer	Exempt	H	Y	Department Head	\$195,686	\$274,071	###	\$352,456			\$294,611			
Palm Beach County Sheriff's Office	Chief Operating Officer	Exempt	H	No	Reports to Department Head	\$177,300	\$183,378	98%	\$189,456	188		\$189,456		Director of Administrative Services	
Solid Waste Authority	Chief Financial Officer	Exempt	S	Yes	Department Head	\$113,630	\$164,767	95%	\$215,904	60		\$127,795		Managing Dir. City Manager	
City of Highland Beach	Chief Financial Officer	Exempt	S	Yes	Department Head	\$139,256	\$156,562	93%	\$173,667	20	\$1,416,526	\$139,256			Oversees all non-Academic ops
School District of Palm Beach County	Chief Operating Officer	Exempt	H	Yes	Top City/County Official	\$116,858	\$155,946	90%	\$195,034	7650		\$175,450		Superintendent	
City of Hollywood	Director of Financial Services	Exempt	S	Yes	Department Head	\$116,905	\$151,976	88%	\$187,048	49	\$6,716,062	\$135,194			
City of Sunrise	Director of Finance and Admin Services	Exempt	S	Yes	Department Head	\$125,908	\$149,737	85%	\$173,566					City Manager	
City of Lake Worth	Director of Finance	Exempt	S	No	Department Head	\$112,486	\$146,224	83%	\$179,962			\$130,000		City Manager	
CITY OF WEST PALM BEACH	Director of Finance	Exempt	S	Yes	Department Head	\$114,194	\$145,444	80%	\$176,694	28.5	\$4,215,060	\$145,000	\$500.00	City Administrator	Cellphone allowance Masters and 10 years exp. Req.
Children's Services Council of PBC	Chief Financial Officer	Exempt	H	Yes	Top City/County Official	\$94,494	\$134,992	78%	\$175,490	1		\$175,397		A	
City of Coconut Creek	Finance & Administration Director	Exempt	S	Yes	Department Head	\$104,146	\$132,787	75%	\$161,429	20	\$2,729,350	\$161,429		City Manager	
City of Pembroke Pines	FINANCE DIRECTOR	Exempt	H	Yes	Department Head	\$102,024	\$127,556	73%	\$153,088	18	\$2,683,069	\$128,544		CITY MANAGER	
CITY OF CORAL SPRINGS	Director of Financial Services	Exempt		Yes	Department Head	\$102,000	\$127,500	70%	\$153,000	25	\$2,478,075	\$143,730		City Manager	
PBC Clerk and Comptroller	Chief Operating Officer-Finance Director	Exempt	H	Yes	Department Head	\$100,256	\$125,550	68%	\$150,844	127		\$134,550		Town Manager	
Town of Palm Beach	Finance Director	Exempt	S	Yes	Department Head	\$94,020	\$123,252	65%	\$151,863	18				City Manager	
City of Boca Raton	Financial Services Director	Exempt		Yes	Department Head	\$91,422	\$122,025	63%	\$152,628		\$38,878,200	\$151,242		City Manager	
City Tamarac	Director of Financial Services	Exempt	S	No	Department Head	\$98,000	\$122,000	60%	\$146,000	24	\$2,764,893	\$146,000	Yes	City Manager	Car allowance/cellphone
City of Oakland Park	Director of Financial Services and IT	Exempt	H	Yes	Department Head	\$91,028	\$121,977	58%	\$152,927		\$2,430,603			Assistant City Manager	
Town of Davie	Budget & Finance Director	Exempt	S	Yes	Department Head	\$100,629	\$121,112	55%	\$141,595	21	\$63,000	\$138,223	See Comments	Asst. Town Administrator	Auto & Phone Allow.; Exec Days
City of Riviera Beach	DIR. FINANCE & ADMIN. SERVICES	Exempt	H	Yes	Department Head	\$96,347	\$120,433	53%	\$144,520	27	\$1,427,531	\$120,433		City Manager	
City of Palm Beach Gardens	Finance Administrator	Exempt	S	Yes	Department Head	\$92,046	\$119,659	50%	\$147,273	9	\$989,159	\$120,433			
City of Margate	Director of Finance	Exempt	S	Yes	Department Head	\$97,599	\$117,266	48%	\$136,933	21		\$110,379			
City of Pompano Beach	Finance Director	Exempt	S	Yes	Department Head	\$97,155	\$116,931	45%	\$136,707		\$1	\$105,367		City Manager	
Palm Beach State College	Controller	Exempt	H	Yes	Department Head	\$73,940	\$115,424	43%	\$156,907	37		\$107,887		VP. Administration & Business Services	
Village of Royal Palm Beach	Finance Director	Exempt	S	Yes	Department Head	\$92,900	\$114,923	40%	\$136,946	9	\$1,328,729	\$136,946	\$2,738.91	Village Manager	
Town of Jupiter	Director, Finance	Exempt	S	Yes	Department Head	\$91,404	\$114,255	38%	\$137,106	6	\$820,880	\$133,931		Assistant Town Manager	
City of Delray Beach	Financial Services Director	Exempt	S	Yes	Department Head	\$87,445	\$113,679	35%	\$139,912					City Manager	
City of Plantation	Director	Exempt	S	Yes	Department Head	\$80,153	\$110,523	33%	\$140,894	16	\$1,506,971	\$99,000		Mayor	
Palm Beach County Property Appraiser	Controller	Exempt	S	Yes	Department Head	\$83,375	\$110,475	30%	\$137,575	4		\$135,486		Property Appraiser	
City of Boynton Beach	Finance/Treasurer	Exempt	S	Yes	Department Head	\$98,378	\$110,473	28%	\$132,568	40.5	\$1,459,886	\$110,313		City Manager	
City of Stuart	Director of Financial Services	Exempt	S	Yes	Department Head	\$98,878	\$110,425	25%	\$131,972	7	\$769,182	\$131,972	N/A	City Manager	
City of Lauderdale Lakes	Services Director	Exempt	H	Y		\$88,275	\$110,262	23%	\$132,288	9	\$921,182	\$113,544		City Manager	
City of Miramar	Director of Financial Services	Exempt	S	No	Department Head	\$76,059	\$106,749	20%	\$137,439	46	\$4,187,300	\$148,523		Assistant City Manager	
City of Greenacres	Finance Director	Exempt	S	Yes	Department Head	\$64,735	\$106,555	18%	\$128,374	13	\$1,337,506	\$98,915		City Manager	
City of North Lauderdale	Finance Director	Exempt	S	Yes	Department Head	\$79,906	\$106,265	15%	\$132,624	8	\$916,903			City Manager	Currently filled by interim Finance Dir. 6-month contract
City of Dania Beach	Finance Director	Exempt	S	Yes	Department Head	\$82,382	\$106,004	13%	\$129,627	18	\$1,557,303	\$127,500		City Manager	
Village of Tequesta	Finance Director	Exempt	S	Yes	Department Head	\$78,970	\$102,662	10%	\$126,353	7	\$1,971,968	\$128,086	\$0.00	Village Manager	

Finance Director/Chief Financial Officer

Finance Director/Chief Financial Officer															
Employer	Your Title	FLSA Status	Match (L,S,H)	Exec. (Y/N)	Supv. Level	Minimum	Midpoint	%-tile	Maximum	Total EE In Dept.	Total Budget	Average Actual Salary	Other Cash Remuneration	Reports to	Comments
City of Parkland Town of Lantana	Director of Finance	Exempt	S	Yes	Department Head	\$77,523	\$95,741	8%	\$113,959	1	\$884,917	\$110,431		City Manager	
	Finance Director	Exempt	S	Yes	Department Head	\$76,584	\$95,730	5%	\$114,876	9		\$91,164		Town Manager	
	Customer Service/Billing Manager				Reports to										
Seacoast Water Utility		Exempt		No	Department Head	\$63,731	\$84,989	3%	\$106,246	17	\$1,895,142	\$106,246		Executive Director	
Broward County Sheriff's Office	Director - Finance	Exempt	S	Yes	Department Head					35		\$142,860	Cell phone and car allowance \$625 monthly	Lt. Colonel Administration	
	Director of Finance & Support Services														
City of Lauderhill	Chief Deputy Director	Exempt	S	Yes		\$87,554			TBD	43	\$8,479,698	\$171,554		A	Also is the Assistant City Manager
Pinellas County	Finance Division	Exempt	S									\$147,618			Broad Band
						Minimum	Midpoint		Maximum						
					Average:	\$98,931	\$126,907		\$150,829						
					3rd Quartile:	\$102,024	\$133,338		\$164,463						
					1st Quartile:	\$84,735	\$110,461		\$135,686						
					Median:	\$92,900	\$120,046		\$145,260						

2015 PEPIE SALARY SURVEY

Deputy Agency Manager

Employer	Your Title	FLSA Status	Match (L-S-H)	Exec. (Y/N)	Supv. Level	Minimum	Midpoint	%-tile	Maximum	Total EE in Dept.	Total Budget	Average Actual Salary	Other Cash Remuneration	Reports to	Comments
Solid Waste Authority	Managing Director	Exempt	S	Yes	Department Head	\$126,464	\$183,383	####	\$240,302	5		\$148,949	None	CEO	
Village of Wellington	Director of Operations	Exempt		Yes	Top City/County Official	\$119,995	\$164,996	96%	\$209,997			\$148,533		CEO	Village Manager
CITY OF WEST PALM BEACH	Deputy City Administrator	Exempt	S	Yes	Top City/County Official	\$128,866	\$164,140	93%	\$199,414			\$194,590	\$6,600.00	City Administrator	Car allowance and cellphone allowance
Pinellas County	Assistant County Administrator E3	Exempt	S		Top City/County Official	\$129,024	\$162,248	89%	\$196,471			\$170,594		Superintendent	
School District of Palm Beach County	Chief Academic Officer	Exempt	H	Yes	Top City/County Official	\$116,858	\$155,946	86%	\$195,034	14000		\$145,035			
City of Hollywood	Assistant City Manager	Exempt	S	Yes	Top City/County Official	\$116,905	\$151,976	82%	\$187,048						
City of Hallandale Beach	Deputy City Manager	Exempt	S	Yes	Top City/County Official	\$129,334	\$145,392	79%	\$161,450	9	\$1,175,736	\$161,450		City Manager	
City of Tamarac	Assistant City Manager	Exempt	S	Yes	Department Head	\$110,500	\$142,500	75%	\$175,000	8	\$1,695,624	\$171,165	Yes	City Manager	Car allowance/cellphone
City of Pompano Beach	Assistant City Manager	Exempt	S	Yes	Department Head	\$118,092	\$142,131	71%	\$166,169		\$1	\$95,880		City Manager	
City of Riviera Beach	DEPUTY CITY MANAGER	Exempt	S	Yes	Top City/County Official	\$112,216	\$140,272	68%	\$168,327	0	\$0	\$132,621			
City of Miramar	Deputy City Manager	Exempt	S	Yes	Top City/County Official	\$98,168	\$140,267	64%	\$182,365	14	\$3,897,600	\$210,990		City Manager	
City of Boca Raton	Deputy City Manager	Exempt	S	Yes	Top City/County Official	\$112,549	\$139,150	61%	\$165,750			\$165,750		City Manager	
City of Palm Beach Gardens	Deputy City Manager	Exempt	S	Yes	Department Head	\$102,083	\$132,707	57%	\$163,332	234	\$25,535,764	\$134,325		City Manager	
City of Sunrise	Assistant City Manager	Exempt		Yes	Top City/County Official	\$108,570	\$129,118	54%	\$149,666					City Manager	
City of Oakland Park	Assistant City Manager	Exempt	H	Yes	Top City/County Official	\$95,579	\$126,253	50%	\$156,927					City Manager	
City of Delray Beach	Assistant City Manager	Exempt	S	Yes	Top City/County Official	\$95,315	\$123,910	46%	\$152,504					City Manager	Part of Dir of Town Manager Budget
Town of Palm Beach	Deputy Town Manager	Exempt	S	Yes	Department Head	\$94,620	\$123,252	43%	\$151,883					Town Manager	
Town of Jupiter	Assistant Town Manager	Exempt	S	Yes	Top City/County Official	\$98,067	\$122,585	39%	\$147,102			\$122,004		Town Manager	
City of Greenacres	Planning & Engineering	Exempt	H	Yes	Top City/County Official	\$94,406	\$118,716	36%	\$143,026	6	\$598,426	\$110,467		City Manager	
City of Boynton Beach	Assistant City Manager	Exempt	S	Yes	Department Head	\$94,823	\$118,529	32%	\$142,235	4		\$112,414		City Manager	
Town of Davie	Assistant Town Administrator	Exempt	S	Yes	Top City/County Official	\$97,226	\$117,016	29%	\$136,806	n/a	n/a	\$143,061	See Comments	Town Administrator	Auto & Phone Allow.;
City of Plantation	Chief Administrative Officer	Exempt	S	Yes	Reports to Department Head	\$84,160	\$116,049	25%	\$147,938					Mayor County Administrator	
Marlin County BOCC	Assistant County Administrator	Exempt	S	Yes	Department Head	\$73,819	\$112,231	21%	\$150,643	7		\$123,970		City Manager	
City of Parkland	Assistant City Manager	Exempt	S	Yes	Top City/County Official	\$98,743	\$110,833	18%	\$131,922	0				City Manager	
City of Dania Beach	Assistant City Manager	Exempt	S	Yes	Department Head	\$82,382	\$106,004	14%	\$129,927			\$106,347		City Manager	Combined budget of water/wastewater/construction development/utility services
Seacoast Water Utility	Director of Operations	Exempt		Yes	Department Head	\$77,126	\$102,856	11%	\$128,586	88	\$21,137,879	\$128,566		Executive Director	
City of North Lauderdale	Asst. City Manager / P&R Director	Exempt	S	Yes	Department Head	\$74,201	\$96,678	7%	\$123,154			\$123,755		City Manager	
CITY OF CORAL SPRINGS	Deputy City Manager	Exempt		Yes	Top City/County Official	\$107,000	\$53,500	4%				\$164,477		City Manager	
City of Pembroke Pines	DEPUTY ASSISTANT MANAGER	Exempt	H							4		\$163,550		CITY MANAGER	WE HAVE A DEPUTY MANAGER AND ASSISTANT
City of Lauderhill	Deputy City Manager	Exempt	S	Yes	Top City/County Official					29	\$6,757,617	\$183,063	Cell phone and car allowance \$625 monthly	A	
						Minimum	Midpoint		Maximum						
						Average: \$103,128	\$130,166		\$163,025						
						3rd Quartile: \$116,870	\$143,223		\$178,683						
						1st Quartile: \$94,566	\$116,174		\$145,064						
						Median: \$100,125	\$127,685		\$156,927						

2015 PEPIE SALARY SURVEY

Agency Manager															
Employer	Your Title	FLSA Status	Match (L,S,H)	Exec. (Y/N)	Supv. Level	Minimum	Midpoint	%-title	Maximum	Total EE In Dept.	Total Budget	Average Actual Salary	Other compensation	Reports to	Comments
City Tamarac	City Manager	Exempt	S	Yes	Top City/County Official	\$227,915	\$227,915	###	\$227,915	8	\$1,665,624	\$227,915	Yes	Mayor/Comm	Car allowance/cellphone
CITY OF WEST PALM BEACH	City Administrator	Exempt	S	Yes	Top City/County Official	\$164,057	\$208,948	92%	\$253,839	5	\$1,043,960	\$210,892	\$6,600.00	Mayor	Car allowance and cellphone allowance
	City Manager	Exempt		Yes		\$187,335	\$202,069	83%	\$216,864					Commission	
Solid Waste Authority Palm Beach County Sheriff's Office	Executive Director	Exempt	S	Yes	Top City/County Official	\$126,464	\$183,383	75%	\$240,302	5		\$181,168	Take home vehicle	PBC	
	Sheriff	Exempt	H	Yes	Top City/County Official	\$170,099	\$170,099	67%	\$170,099	3629	\$528,785,504	\$170,099		Commissioners Board of County Commissioners	
City of Margate	City Manager	Exempt	S	Yes	Top City/County Official	\$139,062	\$167,084	58%	\$195,105	5		\$165,000			
PBC Clerk and Comptroller	Clerk & Comptroller	Exempt	S	Yes	Top City/County Official	\$163,159	\$163,159	50%	\$163,159	720	\$61,000,000	\$163,159			
City of Hallandale Beach	City Manager	Exempt	S	Yes	Top City/County Official	\$142,730	\$160,472	42%	\$178,214	9	\$1,175,736	\$178,606		Commission City	
City of Lake Worth	City Manager	Exempt		Yes	Top City/County Official	\$129,355	\$158,454	33%	\$187,554			\$134,992		Commissioners & Mayor	
City of Delray Beach	City Manager	Exempt		Yes	Top City/County Official	\$117,437	\$152,669	25%	\$187,900					Mayor and Commissioners	
Town of Ocean Ridge	Town Manager	Exempt	S	Yes	Top City/County Official	\$67,521	\$84,967	17%	\$102,413	1	\$138,859	\$102,413		Town Commission	
City of Plantation	Mayor	Exempt	S	Yes	Top City/County Official	\$15,000	\$82,500	8%	\$150,000	9	\$1,124,182	\$117,221			
Martin County BOCC	County Administrator	Exempt	H	Yes	Top City/County Official				\$200,000	8		\$145,200		Board	combined budget of all departments
Seacoast Water Utility Children's Services Council of PBC	Executive Director	Exempt		Yes	Top City/County Official				\$166,670	127	\$47,575,691	\$166,670		Appointed Board	
	Chief Executive Officer	Exempt	H	Yes	Top City/County Official					1		\$174,000		Council/Board	Master's req
City of Boynton Beach	City Manager	Exempt	S	Yes	Top City/County Official	Contractual			Contractual	12	\$3,736,509	\$173,349		City Commission	
City of Coconut Creek	City Manager	Exempt	S	Yes	Top City/County Official					3	\$713,160	\$205,296		City Commission	
CITY OF CORAL SPRINGS	City Manager	Exempt		Yes	Top City/County Official					8	\$161,821,110	\$218,614		City Commission	
City of Boca Raton	City Manager	Exempt		Yes	Top City/County Official						\$331,098,100	\$231,171		City Council	
City of Dania Beach	City Manager	Exempt	S	Yes	Top City/County Official	Contract			Contract	3	\$699,335	\$156,149		Commission	Contractual - No Range
City of Greenacres	City Manager	Exempt	S	Yes	Top City/County Official					8FT/6PT	\$1,106,824	\$172,083		Mayor/Council	
City of Hollywood	City Manager	Exempt	S	Yes	Top City/County Official					7	\$1,561,301	\$189,509			
City of Lauderdale Lakes	City Manager	Exempt	H	Y	Top City/County Official					2	\$313,525	\$156,905		City Commission	
City of Lauderdale	City Manager	Exempt	S	Yes	Top City/County Official	Per contract			Per contract	29	\$6,757,617	\$211,319	Expense allowance \$739.33 monthly	A	
City of Miramar	City Manager	Exempt	S	Yes	Top City/County Official	Negotiated			by Contract	14	\$3,897,600	\$199,000		City Commission	
City of North Lauderdale	City Manager	Exempt	S	Yes	Top City/County Official					2	\$443,090	\$172,481		Commission	
City of Oakland Park	City Manager	Exempt	H	Yes	Top City/County Official						\$748,143			Commission	
City of Palm Beach Gardens	City Manager	Exempt	S	Yes	Top City/County Official					6	\$1,286,700	\$206,846		City Council	
City of Parkland	City Manager	Exempt	S	Yes	Top City/County Official							\$188,208		City Commission	
City of Pembroke Pines	CITY MANAGER	Exempt	H								\$605,410	\$274,997		MAYOR	
City of Pompano Beach	City Manager	Exempt	S	Yes	Top City/County Official						\$2	\$152,981		City Manager	
City of Riviera Beach	CITY MANAGER	Exempt	S	Yes	Top City/County Official	Contractual			Contractual	34	\$898,434	\$173,581			
City of Stuart	City Manager	Exempt	S	Yes	Top City/County Official					6	\$481,873	\$155,000	N/A	City Commission	

2015 PEPIE SALARY SURVEY

Agency Manager

Employer	Your Title	FLSA Status	Match (L,S,H)	Exec. (Y/N)	Supv. Level	Minimum	Midpoint	%-tile	Maximum	Total EE in Dept.	Total Budget	Average Actual Salary	Other compensation	Reports to	Comments
Health Care Distrc of Palm Beach County	Chief Executive Officer	Exempt	S	Yes	Top City/County Official	At board Discretion			At board discretion			\$254,633		Board	
School District of Palm Beach County	Superintendent	Exempt	H	Yes	Top City/County Official					4		\$236,835		Board	Contract
Pinellas County	County Administrator E1	Exempt	S									\$241,072			No Range - has contract
Town of Lantana	Town Manager	Exempt	S	Yes	Top City/County Official							\$119,925			
Town of Jupiter	Town Manager	Exempt	S	Yes	Top City/County Official					3	\$360,971	\$180,000		Town Council	Contract
Town of Davie	Town Administrator	Exempt	S	Yes	Top City/County Official	contract			contract	15	\$347,031	\$207,000	See Comments	Council	Auto & Phone Allow.;
Village of Royal Palm Beach	Village Manager	Exempt	S	Yes	Top City/County Official					4.5	\$759,241	\$181,416	\$5,442.48	Mayor/Council	gets all medical covered/make home car
Village of Tequesta	Village Manager	Exempt	S	Yes	Top City/County Official					2	\$2,040,690	\$169,672	\$28,761.00	Village Council	Contract
Town of Palm Beach	Town Manager	Exempt	S	Yes	Top City/County Official	Contract				12				Town Council	
						Minimum	Midpoint		Maximum						
					Average:	\$137,511	\$163,479		\$188,574						
					3rd Quartile:	\$165,568	\$188,062		\$212,648						
					1st Quartile:	\$124,207	\$157,008		\$167,528						
					Median:	\$140,896	\$165,121		\$187,727						

ALCALDE & FAY

GOVERNMENT & PUBLIC AFFAIRS CONSULTANTS

November 24, 2015

MEMORANDUM

TO: Mark Crosley, Executive Director
Janet Zimmerman, Assistant Executive Director

FROM: Jim Davenport

SUBJECT: Federal Legislative Report

PUSH TO GET AN OMNIBUS APPROPRIATIONS BILL

As you know from our last report, Congress passed and the President approved the Bipartisan Budget Act of 2015 (H.R. 1314) which would temporarily suspend the limit on the public debt (debt ceiling), while also providing over \$80 billion in additional discretionary spending in Fiscal Years (FY) 2016 and 2017. The bill helped pave the way for Congress to work on finalizing an omnibus spending bill.

The current continuing resolution expires on December 11, so Congress is working quickly to wrap up an omnibus before then. Negotiations have become complicated since members are considering controversial policy riders, such as an amendment to suspend President Obama's plan to admit 10,000 Syrian refugees until security concerns can be addressed in the wake of the November 13th terrorist attack in Paris. Likewise, Republican appropriations are determined to use the bill to block a new rule by the EPA regulating U.S. waters, which the Obama administration says is needed to better regulate streams and wetlands that affect downstream water quality.

Fearing the prospect of another government shutdown, 165 House Democrats sent a letter to House leaders last week seeking to strip the omnibus spending package of any policy riders that could lead to partisan gridlock.

We will keep you apprised of the status of the omnibus. In the meantime, we are working with your congressional delegation to send a letter to the Army Corps of Engineers seeking funding for the IWW, AIWW and OWW in the FY 2016 Work Plan, which would have to be finalized approximately 60 days from enactment of the omnibus.

Please contact us with any questions.

[Home](#)[Take Action!](#)[Find Your Officials](#)[Bills](#)[Sign Up](#)[NMMA.org](#)

Boating Matters

Stand Up and Take Action!

Action Alert

Help Show Your Support for the Miami Boat Show



Take action and show your support

Our elected officials in South Florida need to hear from you about why the Miami International Boat Show is important and valuable to Miami, the State of Florida, and the marine industry.

Follow the instructions below to show your support for the 2016 Miami International Boat Show.

Subscribe

Boating Matters

Boating United is a community of boating businesses, enthusiasts and supporters. Together we shape policy that affects our industry and our interests.

The recreational boating industry supports jobs, economic development and recreational activities for millions of Americans. We're not just weekend boaters; we're employers, manufacturers, taxpayers and citizens who make a difference in all 50 states. Our industry has legislative and regulatory issues that are important. Issues that affect a uniquely domestic industry that reaches millions of businesses, community members and voters.

We can't be ignored by policymakers.

That's why we unite as an industry and let our collective voice be heard in Washington and around the country. To show lawmakers that boating matters.

Petition Text

We will be delivering signed letters to key elected officials in South Florida that show how important and valuable the Miami International Boat Show is to Miami, the State of Florida, and the marine industry.

To sign on to our effort, please enter your email address and ZIP code below, then click continue to enter your name and business information (as applicable). Once completed, we will send a letter with your name, along with the names of many other supporters, directly to these key elected officials.

Enter Your Info

[Privacy Policy](#)

Email

ZIP Code



RICK SCOTT
GOVERNOR

November 24, 2015

Mr. Chuck Collins
Executive Director
Marine Industries Association of Palm Beach County
Post Office Box 10576
Riviera Beach, Florida 33419

Dear Mr. Collins:

Florida is home to hundreds of miles of pristine coastline and many waterways that give our state undeniable natural beauty. Each year, we continue to see a record number of tourists visit our state. As the fishing and boating capital of the world, Florida must always keep in mind the safety and security of those who enjoy our beautiful waterways. It is important that boaters are informed on how they can best use technology to stay safe and understand how to respond in an emergency.

I would like to work with you to increase awareness about the use of GPS emergency beacons in Florida's boating community, in addition to using life jackets. Every year, Florida residents and visitors experience emergency situations on the water, sometimes resulting in injury or loss of life. In Florida, we do everything in our power to ensure that people are equipped and educated to be safe boaters, but far too often we must implement search and rescue efforts.

When it comes to search and rescue, every minute counts. Cutting down response times for search and rescue missions is one of the most important things we can do to protect lives on the water. Emergency beacons can help in these situations, yet they are not widely used. The more boats that are equipped with a GPS emergency beacon, the faster we can respond to these emergencies and save more lives.

Please join us and commit to informing your customers about the safety benefits of these devices when purchasing vessels. If you would like to get involved in this important initiative, please contact the Florida Fish & Wildlife Conservation Commission's Executive Director, Nick Wiley, at (850) 487-3796.

Sincerely,

 A blue ink signature of Rick Scott, written in a cursive style.

Rick Scott
Governor