

**BOARD OF COMMISSIONERS
MEETING AGENDA
October 28, 2011**

PRELIMINARY AGENDA

FLORIDA INLAND NAVIGATION DISTRICT Board of Commissioners Meeting

9:00 a.m., Friday, October 28, 2011

The Westin Hotel
321 North Fort Lauderdale Beach Boulevard,
Ft. Lauderdale, Broward County, Florida.

Item 1. Call to Order.

Chairman Bray will call the meeting to order.

Item 2. Pledge of Allegiance.

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

Item 3. Roll Call.

Secretary Freeman will call the roll.

Item 4. Consent Agenda

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

(follows colored divider page)

RECOMMEND Approval of the Consent Agenda.

Item 5. Additions or Deletions.

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

RECOMMEND Approval of a final agenda.

Item 6. **Board Meeting Minutes.**

The minutes of the following meeting is presented for approval.

- September 16, 2011 First Tax and Budget Hearing (see back up pages 6 - 10)
- September 17, 2011 Personnel Comm. Meeting (see back up pages 11 - 14)
- September 17, 2011 Finance and Budget Comm. Meeting (see back up pages 15 - 17)
- September 17, 2011 Board Meeting (see back up pages 18 - 56)
- September 27, 2011 Final Tax and Budget Hearing (see back up pages 57 - 60)

RECOMMEND Approval of the minutes as presented.

Item 7. **Public Comment.**

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

Item 8. **Staff Report on District Projects in Broward County.**

District staff will present a report on District projects in Broward County.

(see back up pages 61 - 74)

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

The District has bid the Dania Cut Off Canal Deepening Project. Three bids were received and evaluated by a Review Committee. There were 2 minor bid irregularities that staff recommends waiving which are explained in a staff memorandum in the back up materials. The low bidder, Lucas Marine Acquisition Company, LLC, has submitted an acceptable plan and all required documents.

(see back up pages 75 - 173)

RECOMMEND Approval of: (1) the low bid in the amount of \$6,306,690.00 from Lucas Marine Acquisition Company, LLC for the Dania Cut Off Canal Deepening Project, and (2) also awarding the low bid of \$434,400.00 from Lucas Marine Acquisition Company, LLC for the Port Everglades birth dredging if the Port elects to accept the bid.

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

Staff requested a scope of services and fee quote from the District Engineer for the preliminary design and permitting of the deepening of the Intracoastal Waterway in Palm Beach County north of the Port of Palm Beach. As discussed at the last Board meeting, this project will serve at least two mega-yacht repair facilities, the Riviera Beach Municipal Marina, and the Lockheed Martin facility.

(see back up pages 174 - 181)

RECOMMEND Approval of the scope of services and fee quote of \$86,054.00 from Taylor Engineering for the preliminary design and permitting of the deepening of the Intracoastal Waterway in Palm Beach County.

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

Florida statutes now require that the District perform a biennial review of the District's Administrative Rules and submit a review report to the Senate President, the Speaker of the House and the Joint Administrative Procedures Committee. The backup materials contain staff's review pursuant to this statute.

(see back up pages 182 - 184)

RECOMMEND Approval of: (1) the Report of the Biennial Review of District Administrative Rules for 2011, and; (2) submission of the report by the Chair to the required parties.

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

The Florida Legislature in the 2011 session enacted a law requiring the District perform an enhanced biennial review of the District's Administrative Rules and submit a review report to the Senate President, the Speaker of the House and the Joint Administrative Procedures Committee. The backup materials contain staff's review pursuant to this statute.

(see back up pages 185 - 189)

RECOMMEND Approval of: (1) the Report of the Enhanced Biennial Review of District Administrative Rules for 2011, and; (2) submission of the report by the Chair to the required parties.

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

Note: This item is on the Board meeting agenda instead of the Land Acquisition and Management Committee agenda because it was the only item for the Committee during agenda preparation.

The Land Acquisition and Management Committee directed staff to monitor gopher tortoise migration onto District dredged material management areas and to devise a plan to limit this migration. Staff has seen gopher tortoises immediately outside of DMMA FL-12. Staff designed a fence extension that will attach to the existing security fence and extend into the soil 2 feet to prevent the tortoises from burrowing under the fence.

Staff bid the project and 3 bids were received.

(see back up pages 190 - 200)

RECOMMEND Approval of the low responsive bid in the amount of \$27,919.00 from Fasanelli Construction for the installation of additional fencing at DMMA FL-12.

Item 14. Finance and Budget Committee Recommendations.

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

(see Finance and Budget Committee Agenda)

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

Item 15. Additional Staff Comments and Additional Agenda Items.

Item 16. **Additional Commissioners Comments.**

- A. Commissioner Blow letter on the St. Augustine Anchoring Ordinance review
(see back up page 201)
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Item 17. **Adjournment.**

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

First Public Tax and Budget Hearing

Friday, September 16, 2011 at 6:07 p.m.

Council Chambers

Delray Beach Town Hall

100 NW First Avenue

Delray Beach, Palm Beach County, Florida

ITEM 1. Call to Order.

The First Tax and Budget Hearing of the Board of Commissioners of the Florida Inland Navigation District was called to order by Chair Bray at 6:07 p.m.

ITEM 2. Pledge of Allegiance to the Flag.

Vice-Chair Colee led the pledge of allegiance to the flag of the United States of America.

ITEM 3. Roll Call.

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

ITEM 4. Announcement of the Per Cent by Which the Proposed Millage Rate Exceeds the Calculated Rolled-Back Rate.

Executive Director Roach stated that calculated rolled-back rate is 0.0356 and our proposed millage rate is 0.0345, which is a 3.09% reduction below the rolled-back rate.

Commissioner Blow stated that the bottom line is the District will be collecting \$800,000.00 less in taxes. Mr. Roach stated that is correct.

Commissioner Sansom stated that there will be an amendment on next year's ballot to clarify the term "rollback."

ITEM 5. **Invitation for Public Comments.**

Chair Bray stated that he would like to open the floor for public comments on the proposed budget.

There were no public comments.

ITEM 6. **Comments by District Commissioners.**

Chair Bray asked if there were any comments from the Commissioners.

Treasurer Freeman stated that she would like to recognize staff for working on the budget to include funding for projects that our constituents are looking for and not adding to their tax burden.

ITEM 7. **Amendments to the Tentative Budget.**

Chair Bray asked if there were any amendments to the tentative budget.

Mr. Roach answered yes, and reviewed a budget modification reducing the District's revenue because the District's tentative budget was calculated with tentative property valuations. He stated that in July of 2011, the Property Appraisers submitted their final property evaluations, which came in \$76,447.00 less than original budget projects. He stated that we would like to amend Schedule A-2, Property Appraiser Valuation for FY 2011-2012. He stated that staff proposes to deduct \$76,447.00 from the MSA 690 Development account Schedule B-3, to re-balance the budget.

Mr. Roach stated that there has been a request to move the July 13, 2012 Board meeting date to July 20, 2012.

Commissioner Sansom suggested moving the August 11, 2012 Board meeting date to the third Saturday, which would be August 18, 2012. Mr. Roach stated that he will check with Commissioner Crowley to see if that is what he would like. Commissioner Sansom stated that usually the meetings are scheduled for the third Friday or Saturday of the month and that is how he has scheduled his calendar.

Commissioner Netts made a motion to adopt the amendments to the tentative budget. The motion was seconded by Secretary Freeman. Chair Bray asked for any discussion, hearing none, a vote was taken and the motion passed.

ITEM 8. Re-computation of the Tentative Tax Millage Rate.

Chair Bray stated that the proposed millage rate remains the same as previously announced.

**ITEM 9. Announcement of the Per Cent by Which the Re-Computed
Proposed Millage Rate Exceeds the Calculated Rolled-Back Rate.**

Executive Director Roach announced that the percent by which the re-computed proposed millage rate exceeds the calculated rolled-back is still -3.09% and the rolled back rate is still 0.0356.

**ITEM 10. Additional Public Comments on the Budget Amendments and Tax
Millage Re-computation.**

Chair Bray asked for any additional public comments on the budget amendments and the tax millage re-computation. There were none.

ITEM 11. Adoption of the Tentative Tax Millage Rate.

Chair Bray stated that the proposed millage rate for FY 2011-2012 is 0.0345 mills. Chair Bray asked for a motion to adopt the tentative tax millage rate.

Commissioner Blow made a motion to adopt a tentative millage rate of 0.0345 for FY 2011-2012. The motion was seconded by Commissioner Netts. Chair Bray asked for any discussion, hearing none, a vote was taken and the motion passed.

ITEM 12. Adoption of the Tentative Budget.

Commissioner Sansom made a motion to adopt the tentative budget as amended. The motion was seconded by Vice-Chair Colee. Chair Bray asked for any discussion, hearing none, a vote was taken and the motion passed.

ITEM 13. Final Tax Hearing.

Mr. Roach stated that the Final Tax Hearing be will held on Tuesday, September 27, 2011, at 6:00 p.m. at the City of Fellsmere City Hall, City Hall Council Chambers, 21 South Cypress Street, Fellsmere, Indian River County, Florida.

ITEM 14. Adjournment.

Chair Bray asked if there were any additional comments or discussion.

Secretary Freeman congratulated Commissioner Netts for his re-election to another four year term as the Mayor of the City of Palm Coast.

Commissioner Blow stated that he attended the Marineland ribbon cutting ceremony. He stated that the ceremony was well attended and that every slip in the marina has a vessel in it. He stated that this successful project will be an asset to the citizens.

Vice-Chair Colee welcomed the Board to Palm Beach County and the historical City of Delray Beach. He stated that this City received the all American City award designation in 1993 and 2001.

Vice-Chair Colee stated that: Mayor Woodie McDuffie, City of Delray Beach; Mayor Jeri Muoio, City of West Palm Beach; Vice-Mayor Bill Orlove, City of Boynton Beach; Palm Beach County Commissioner and former Mayor of the City of Boca Raton Steve Abrams; and City of West Palm Beach Commissioner William Moss will be attending this evening's Community Outreach Event.

Chair Bray stated that hearing no further business the meeting was adjourned at 6:28 p.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Personnel Committee Meeting

8:02 a.m., Saturday, September 17, 2011

Delray Beach Marriott

10 North Ocean Boulevard

Delray Beach, Palm Beach County, Florida.

ITEM 1. Call to Order.

Chair Netts called the meeting to order at 8:02 a.m.

ITEM 2. Roll Call.

Assistant Executive Director Mark Crosley called the roll and Chair Netts, Commissioner Cuozzo, and Commissioner Freeman were present. Mr. Crosley stated that there was a quorum. Commissioner Colee arrived to the meeting at 8:07 a.m.

ITEM 3. Additions or Deletions.

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

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

ITEM 4. Executive Director's Performance Evaluation.

Chair Netts stated that seven Commissioners sent their Performance Evaluations of the Executive Director to him and that he consolidated those evaluations into one document. He asked for discussion.

Commissioner Freeman made a motion to accept and approve the Executive Director's performance evaluation. The motion was seconded by Commissioner Cuzzo. Chair Netts asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 5. Employee Salary Adjustments for FY 2011-2012.

Chair Netts stated that the Committee discussed this issue at their July meeting and suggested that staff look at what other state agencies were doing regarding raises.

Mr. Roach referred to a memorandum from the State of Florida's Division of Human Resource Management regarding potential merit raises for state employees. He stated that while the state is not providing across the board raises, they are allowing Departments to grant merit raises.

Mr. Roach referred to a national private company survey regarding salary increases and noted that companies are reporting that they may be increasing salaries in the amount 2.8 percent.

Mr. Roach stated that he would like to respectfully request a 2 percent lump sum payment to the District staff. He noted that if the committee would like to refer that to the full Board that is fine.

Commissioner Freeman asked if this would be 2 percent across the board or as the Executive Director sees fit. Mr. Roach answered either way.

Chair Netts referred to the employee salary ranges and noted that because there are several employees over their maximum salary range, those ranges should be adjusted.

Mr. Roach noted that a lump sum payment would not increase an employee's yearly salary.

Mr. Roach stated that last year the Board approved staff raises up to 5 percent and it averaged 4.2 percent. He noted that the District's current budget does include funding for up to 5 percent salary increases across the board.

Commissioner Cuzzo made a motion to bring the District's staff salary ranges into compliance with actual salaries and as additional ranges are granted to bring them into compliance with the actual salary. The motion was seconded by Commissioner Freeman. Chair Netts asked for any further discussion, hearing none, a vote was taken and the motion passed.

Commissioner Freeman stated that last year we changed the accountant's title to Finance Director. Mr. Roach stated that is not referenced in the information provided today.

Commissioner Colee stated that the Finance Director's title was not changed because of salary, but to recognize the work he is doing. He suggested the completion of a 2012 salary survey and classification review before next year at this time.

Chair Netts noted that correct job descriptions are very important and he noted that when we complete the survey we should be more concerned with job description than job classification. He stated that the survey would be for information purposes and would not be definitive.

Commissioner Bray stated that is exactly right. He stated that we need to look at the work this staff is doing and not the job title or description.

ITEM 6. Additional Agenda Items or Staff Comments.

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

ITEM 7. **Additional Commissioners Comments.**

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

ITEM 8. **Adjournment.**

Chair Netts stated that hearing no further business the meeting was adjourned at 8:18 a.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Finance and Budget Committee Meeting

8:32 a.m., Saturday, September 17, 2011

Delray Beach Marriott

10 North Ocean Boulevard

Delray Beach, Palm Beach County, Florida

ITEM 1. Call to Order.

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

ITEM 2. Roll Call.

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

ITEM 3. Financial Statements for July of 2011.

Mr. Roach presented the financial statements for July and asked if there were any questions.

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

ITEM 4. July 2011 Expenditure and Project Status Report.

Chair Kavanagh presented the District's Expenditure and Project Status Report for July of 2011. She asked for questions and there were none.

ITEM 5. Delegation of Authority Report.

Chair Kavanagh presented the Executive Director's Delegation of Authority actions from August 1, 2011 through September 7, 2011. She asked for discussion.

Commissioner Colee asked if it is normal for assistance projects to request extensions. Mr. Crosley stated that projects are approved for two years, with the option for a one year extension. He noted that approximately 50 per cent of all projects request a one year extension.

ITEM 6. Additional Agenda Items or Staff Comments.

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

ITEM 7. Additional Commissioners Comments.

Chair Kavanagh asked if there were any additional Commissioner comments.

Commissioner Bray noted that he approved staff moving \$5 million in funds to obtain a higher interest rate.

Commissioner Freeman commended staff for searching for the safest banking facility with the best interest rates for the District's funds.

Mr. Roach noted that almost all District funds have been removed from Bank Atlantic.

Commissioner Blow asked if staff has any information about the proposed action against the SBA fund B managers. Mr. Roach stated that he has not heard that any

litigation has been filed. He stated that the projection is that the District's funds would be returned within five years.

ITEM 8. **Adjournment.**

Chair Kavanagh stated that hearing no further business the meeting was adjourned at 8:38 a.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Board of Commissioners Meeting

9:01 a.m., Saturday, September 17, 2011

Delray Beach Marriott

10 North Ocean Boulevard

Delray Beach, Palm Beach County, Florida

ITEM 1. Call to Order.

Chair Bray called the meeting to order at 9:01 a.m.

ITEM 2. Pledge of Allegiance.

Vice-Chair Colee led the pledge of allegiance to the flag of the United States of America.

ITEM 3. Roll Call.

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

ITEM 4. Consent Agenda.

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

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

ITEM 5. **Additions or Deletions.**

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

Mr. Roach stated that he would like to delete from the agenda; Item 13, Cost Summary Proposals for Seagrass Surveying for the Pipeline Access to DMMA IR-2 in the Vicinity of Sebastian, Indian River County.

Mr. Roach stated that he would like to add to the agenda; Item 14A, Additional Permitting Assistance for the ICW Deepening Project, Broward County; and Item 22A, the Land Acquisition and Committee Meeting Agenda. He stated that we do not have a quorum for that meeting.

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

ITEM 6. **Board Meeting Minutes.**

Chair Bray asked if there were any comments or questions regarding the July 15, 2011 Board meeting minutes.

Commissioner Blow stated that he would like to edit a sentence in the July 15, 2011 Board Meeting Minutes, Item 8 to remove: the word “not” from the first sentence, and; for the second sentence to read, “decided not to include the Vilano Point area in the flood shoal project.”

Vice-Chair Colee stated that he would like to edit a sentence in the July 15, 2011 Board Meeting Minutes, Item 16 to read, “Treasurer Kavanagh.”

Secretary Freeman made a motion to approve the July 15, 2011 Board Meeting minutes as amended. The motion was seconded by Vice-Chair Colee. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

Chair Bray asked if there were any comments or questions regarding the August 12, 2011 Board meeting minutes.

Vice-Chair Colee stated that he would like to edit a sentence in the August 12, 2011 Board Meeting Minutes, Item 7 to read, "is familiar with this beach."

Commissioner Blow made a motion to approve the August 12, 2011 Board Meeting minutes as amended. The motion was seconded by Commissioner Sansom. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

Commissioner Sansom made a motion to approve the remaining July 15, 2011 and August 12, 2011 minutes as presented. The motion was seconded by Commissioner Crowley. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 7. Public Comments.

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

Palm Beach County Commissioner Steve Abrams welcomed the Board to Palm Beach County District 4, which is a coastal district that extends from South Palm Beach to Boca Raton. He thanked the District for providing funding assistance on numerous projects within the county. He stated that one of those projects is the Lake Wyman

restoration project. He stated that this project exemplifies the partnership that the District has with the county.

Commissioner Crowley complimented Palm Beach County's Environmental Resource Management (ERM) division for their environmental restoration projects that create boater access and provide environmental education to the public. He stated that these projects are the best he has ever seen and he uses them as a model when talking with Miami-Dade County.

Susan Cartlan, a resident of Boca Raton, stated that she has concerns about the road that is being proposed across from residential backyards for the Lake Wyman project. She stated that the county is removing vegetation and exposing her yard to the people accessing the lake. She stated that additionally, there is a low tide problem with the canal and she has concerns about truck traffic packing the dirt down and making the low tide problem worse.

Vice-Chair Colee thanked Ms. Cartlan for attending today's meeting and stated that he and Mr. Roach attended the latest of what has been more than one public hearing about the Lake Wyman project. He stated that at that meeting there were several residents from Golden Harbor that asked questions. He stated that Mr. Robbins from ERM and Mike Woika, the Assistant City Manager for Boca Raton, were both there to answer questions and address public concerns.

Mr. Roach stated that because of citizen concerns about this project, the latest plan includes a 50 foot vegetative buffer between from the canal edge and the edge of the proposed road. Ms. Cartlan asked if this buffer goes all the way down to the ball field. Mr. Roach stated maybe not all the way to the ball field. He stated that the road that is

being constructed is not a public road and it is only to be used for emergency and park maintenance vehicles. He stated that this project does not propose public access to the canal. He stated that all public access is directed to the interior of Lake Wyman.

Mr. Rob Robbins, Palm Beach County ERM, stated that the county will hold the fourth public meeting on Monday, September 19, 2011 at 5:00 p.m. He noted that a portion of Ms. Cartlan's concern is outside of this project area and that they would have to be discussed with the city.

Mr. George Akins, a resident of the City of Boca Raton, stated that he also lives on the side of the canal that Ms. Cartlan lives on. He stated that his neighbor attended one of the public meetings about this project and he stated that the fifty foot buffer would only go about halfway down the new road. Mr. Robbins stated that he has a copy of the detailed project plans and he will go over them with Mr. Akins and Ms. Cartlan after today's meeting. He noted that the fifty foot buffer will be installed on the entire project boundary and noted that beyond that into the city park, we are not installing a buffer.

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

Mrs. Shelley Trulock, the Intracoastal Waterway (IWW) Project Manager with the U.S. Army Corps of Engineers, stated that the DMMA IR 2 project is on schedule and should be completed by December 25, 2011. She stated that a partnering session was held on September 1st and out of that partnering session came a lot of good things. She stated that additional quality control personnel were put on site. She stated that a new project superintendent is on site and he is addressing some of our concerns and issues. She stated that also, we may be able to use a portion of the stripping stockpile material for

dike construction once it is screened. She stated that additionally, we are working to acquire the additional material needed to complete the dike construction.

Ms. Trulock stated that the Corps and District are working together to answer all citizen questions about this project and the use of the site.

Mr. Crosley stated that because of the project site conditions, screening of the stockpiled material, and additional quality control there will be a change order presented to the Board for approval.

Ms. Trulock stated that the IWW St. Augustine maintenance dredging project will go to advertisement in mid October. She stated that the utility locate survey identified a FP&L power line, but the depth of the line cannot be determined. She stated that there is a rule that any cables must be buried 6 feet below the project depth. She stated that it appears that the cable is buried at 12 feet, but we will have FP&L certify that. She stated that we could avoid dredging the area.

Commissioner Blow stated that he has given this a lot of thought and he noted that this submerged cable is not that old. He stated that it is frustrating that FP&L cannot confirm how deep this cable is buried. He stated that this could become a potential liability to the District and the Corps. He stated that this cable services both Vilano Beach and south Ponte Vedra Beach and if this cable were cut, the power would be out for an extended period of time. He stated that he feels that we should be aggressive with FP&L and notify them that if for some reason we get into this cable, the District will not be liable for whatever happens. He stated that he does not support leaving a hump in the channel because if there is a good tide it could expose this cable in the future and someone could place an anchor into the cable.

Mr. Crosley stated that we should request that FP&L rebury this cable four feet deeper than required. Dr. Taylor noted that FP&L should provide documentation for all buried cables.

Ms. Trulock stated that the Corps will write a letter to FP&L about the depth of this cable and we will delay this project so that we can do the best project we can.

Commissioner Sansom stated that the letter to FP&L should require them to certify that the cable meets the specific depth requirements. He stated that if the cable does not comply with current requirements, FP&L should be given a deadline to get the cable under compliance.

Mr. Roach stated that the Corps regulatory division issued the permit for FP&L to install this cable. He stated that they should contact FP&L and request that FP&L provide certification that they met the permit requirements. Dr. Taylor stated that the permit documents should have a project certification document which was signed and sealed by a licensed engineer that this buried cable meets the permit requirements.

Commissioner Blow stated that the issue that delayed the beach renourishment project has been resolved. He stated that the inlet channel dredging project will begin early 2012.

Ms. Trulock stated that the IWW Matanzas maintenance dredging in the vicinity of the Matanzas Inlet has been completed and the material was placed on the beach. She stated that 272,915 cubic yards of material was removed from the channel. She stated that an additional 22,000 cubic yards of material was dredged over original projections. She stated the original funding included an additional 15% to cover change orders and

that should cover the payment for additional material. She stated that the contractor did a great job.

Ms. Trulock stated that the pre-application meeting for the IWW Sawpit dredging project was held on August 2nd with the Florida Department of Environmental Protection (DEP). She stated that the permit will only include beach placement because there is no capacity available at the upland site in the area.

Ms. Trulock stated that the Corps is working with the DEP and the St. Johns River Water Management District (SJRWMD) to obtain an exemption for the IWW Indian River Reach I maintenance dredging project. She stated that the DEP has proposed getting a permit for the pipeline impact even though the dredging activity itself is exempt. She stated that the Corps met on site with the SJRWMD and were surprised to see a significant loss of seagrass coverage from previous aerals going back decades. She stated that the SJRWMD will be completing an updated seagrass survey by summer of 2012. She stated that the Corps or the District should complete our own seagrass survey for this project.

Commissioner Sansom inquired about the deadline for the District's submission of a current seagrass survey to the Orlando office. Mr. Roach stated that we are on a tight schedule with this because the survey needs to be complete by the end of this month. He stated that DMMA IR-2 will be completed in December and then we will move forward with dredging project plans and specifications in 2012.

Ms. Trulock stated that we will have a regulatory workshop on Tuesday, September 20, 2011 to address the permit and set-back regulations for the Palm Valley area of the waterway. She stated that there will be a presentation to advise people what

they need to do to permit and build a dock and that once the dock is completed they will be required to provide the Corps with an as built document.

ITEM 9. Staff Report on Palm Beach County Area Projects.

Mr. Roach stated that the 50 year dredging projection for the 43 miles of channel in Palm Beach County is 2.9 million cubic yards and the storage projection is 5.5 million cubic yards. He stated that the majority of this dredging, 76%, is associated with Jupiter Inlet.

Mr. Roach stated that MSA 641A was recently constructed with stimulus funds. He stated that maintenance dredging of Reach IV is in the planning phase for construction in 2013 and the deepening of a portion of Reach III north of the Port of Palm Beach will initiate permitting this year.

Mr. Roach stated that the Palm Beach County Waterways Economic Study was completed in 1998 and updated in 2007. He stated that this study documented 831 recreational waterway related businesses in the County employing 19,928 people, with salaries of \$751 million and a total economic impact of \$2.1 billion. He stated that property values were determined to be increased by \$2 billion by the presence of the ICW channel.

Mr. Roach stated that since 1986, the District has provided \$32.8 million in Waterways Assistance Program funding to 151 projects in the County having a total constructed value of \$105 million. He asked for questions.

Commissioner Sansom asked about the District's program to actively work with the inlet management district's to help prevent material from the inlet entering into the District's channel. Mr. Roach stated that the District pro-actively works with most of the

inlets to draft their inlet management. He stated that these plans detail how to limit that sediment into the waterway. He stated that then the District uses our grants program to help the inlet district's re-build jetties that will prohibit material from entering the waterway.

Vice-Chair Colee stated that Palm Beach County works with the District and supports many great projects including restoration and boater access facilities.

ITEM 10. Jupiter Inlet Lighthouse Outstanding Natural Area Shoreline Stabilization Project, Palm Beach County.

Vice-Chair Colee stated that Martin County Commissioner Patrick Hayes made public comments regarding the Jupiter Inlet Lighthouse Outstanding Natural Area Shoreline Stabilization Project at last month's meeting. He stated that he would like to point out that this is not a Florida Inland Navigation District project. He also noted that he would like to note that the majority of the District's dredging responsibilities in Palm Beach County are related to the Jupiter Inlet and a portion of this project will help reduce that problem.

Vice-Chair Colee stated that the recreation aspects of this project, that were brought up at last month's meeting and that have generated a lot of e-mails to commissioners, are being actively and pro-actively addressed by the agencies that are directly involved in this project. He stated that these agencies have held several public meetings to discuss this project. He stated that these agencies, including the Bureau of Land Management (BLM) and Palm Beach County Environmental Resource Management (ERM), are addressing the public issues and he would urge this Board to not step in or go beyond our authority on this project.

Commissioner Sansom asked what the District's role in this project is. Chair Bray suggested that should be discussed after we hear the presentations. Commissioner Sansom stated that he is not asking what we should do, but what the boundaries of the District's abilities are.

Commissioner Crowley stated that a Martin County Commissioner came to the District's August Board meeting and requested that this District write a letter opposing the proposed project as submitted for permits. He stated that it was his understanding that the District was not comfortable taking a position at that meeting because we did not have a lot of facts. He stated that now we have the facts. He stated that today we will be hearing additional project information and by the end of today's meeting this Board can decide if we want to take a position on this permit application or not. He stated that taking a position would mean writing a letter to ERM and the BLM saying that this project does not provide the kind of public access that the District would like. He stated if we do not want to take a position, we will not write a letter.

Vice-Chair Colee stated that he believes that the only aspect of this project that this District should concern ourselves with is the shoreline stabilization element of the project. He stated that the recreational elements of this project are being handled by other agencies that are not asking the District to help fund this project. He stated that the sand from this general area that migrates into the District's waterway should be our sole focus.

Mr. Crosley briefly reviewed the project area and noted that the shoreline element of the project directly affects the District's ability to manage the ICW. He stated that the District is a permit commenting agency and we will be able to provide comments on this

permit. He noted that there is the possibility that the District may be asked to participate in the shoreline stabilization project as a future grant project.

Mr. Roach stated that the commissioners requested that the District engineer review the project to determine: if it was technically sound; if another stabilization method could preserve direct boating access to the existing sandy beach; and if stabilization of the area would benefit the ICW. He stated that the results of that review are in the backup material in a two page letter and he briefly reviewed the rest of the backup materials.

Martin County Commissioner Patrick Hayes thanked the District for reviewing this project. He stated that the only issue here is public access to this shoreline. He stated that he feels that one of the chief interests of the District is to represent the public where the ICW and the District is concerned. He stated that Mr. Robbins with Palm Beach County ERM has an excellent presentation about this project and he will reserve further comments until that presentation has been completed.

Mr. Rob Robbins, with Palm Beach County ERM, stated that he would like to briefly discuss the perspective of the BLM regarding this project, the current project status, and where the project can go.

Mr. Robbins stated that, from the perspective of BLM, an outstanding natural area provides a unique combination of cultural, historical, and natural resources. He stated that this combination sets the bar very high and Congress has only authorized one such project east of the Mississippi. He stated that the project site is a very tall bluff that overlooks the Indian River Lagoon, the Loxahatchee River, and the Jupiter Inlet. He stated that records show human habitation in this area dating back five thousand years.

He stated that in more recent times Ponce DeLeon visited in 1513. He stated after that the lighthouse was built on the site and then blockade runners dismantled the lighthouse and used the site during the Civil War. He stated that the site itself is a historic cultural natural resource, not just the artifacts that are hidden on that site.

Mr. Robbins stated that unfortunately the site has suffered some pretty severe erosion of up to 100 feet. He stated that the BLM approached Palm Beach County and asked if we could design a project to stabilize that shoreline. He stated that, the BLM determined that the boater activity and public use of the site was exacerbating the erosion. He stated that the BLM determined that they no longer wanted the public beaching on the site or people jumping off the slope. He stated they called for a plan to stabilize the shoreline with a toe wall and a limestone breakwater reef that would include a quiet water area for kayakers and snorkelers. He stated that landward of that would be an area of mangroves and sheet pile vinyl walls. He stated that this is the plan that the BLM wants. He stated that additionally, there is a possibility of installing floating docks parallel to the limestone breakwaters and mooring buoys.

Mr. Robbins stated that Palm Beach County has not in any way forgotten what the boaters would like and that is access to a sandy shoreline. He stated near this site, only 1500 feet away, is Dubois Park. He stated that this park is undergoing a public access project that includes a newly created sandy shoreline, offshore limestone breakwaters, and 20 boat docks.

Mr. Robbins stated that the U. S. Coast Guard has indicated that in the future they will be vacating the Jupiter Natural Area. He stated that the BLM is anticipating that they will be managing the remainder of this site. He stated that this area is where they plan to

add public access features. He stated that Phase II of these projects could provide a kayak launch under or near the bridge.

Mr. John Sprague, for the Marine Industries Association, stated that while the Palm Beach County waterfront parks are wonderful, so is boater access that is not connected to a rigid park. He stated that as time goes by, we are losing our historic ability to access our casual boater destinations. He stated that he used this shoreline when he was growing up. He stated that today, this shoreline is used by families every day and that yes, we need to deal with the erosion, but we do not need to take away the sandy beach and boater access. He stated that we do not want this wonderful recreational area to disappear. He stated that everyone concerned about this project including the, BLM, ERM, and concerned citizens should meet and discuss a way to accomplish stabilization without losing access for recreational boaters.

Mr. Walter Franklin stated that he is the spokesperson for a movement of over 1,400 members who are in direct opposition to the plan that has been presented today. He stated that this property and beach area has been historically accessed by the public. He stated that the idea to construct a 13,500 foot toe wall that will reduce the width of the ICW in an area that is very heavily traveled by boaters will be a hazard to navigation. He stated that this is a beautiful historic property and the placement of large boulders and industrial grade vinyl around the site will not be esthetically pleasing. He stated that he implores the District to speak up and ask the governing bodies to explore alternatives that will meet the needs of the community.

Commissioner Hayes stated that as the representative of the BLM for this process, ERM has submitted permit applications. He asked if there have been any alterations or changes made to those permit applications since they were originally submitted.

Mr. Robbins stated that the project changes have only been discussed and permit modifications have not been made.

Commissioner Hayes stated that the public feels that the presentation that ERM made to the Treasure Coast Regional Planning Committee that included mayors, commissioners, and representatives of St. Lucie, Martin, and Palm Beach Counties was misleading.

Commissioner Hayes stated that the beach area and boater access improvements to Dubois Park are outstanding and he noted that there has never ever been a historic beach area or boater access at that site. He stated that ERM has done an outstanding job. He stated that the problem today is that the Jupiter Inlet Lighthouse Natural Area has historically had a beach area with boater access and the BLM has asked ERM to design a project taking that away from the public.

Commissioner Hayes stated that other areas of this property have baseball, football, soccer fields, concession stands, and parking lots. He stated to say that the shoreline area should be a passive area when parts of the property are aggressively active is a sham.

Commissioner Hayes stated that this property was put into a special program for the public use. He stated that if this project includes public access and is done correctly it could become a destination for people from all over the world. He stated that the people currently pushing this project are the minority, the majority of people want to see this

property kept as the incredible destination it can be. He stated that this is an opportunity to do this right.

Commissioner Hayes stated that the Treasure Coast Regional Planning Committee has provided comments requesting that ERM provide enhanced recreation opportunities for boater access. He stated that the local mayors and commissioners are aggressively working against the project plan that will armor the entire shoreline with boulders.

Commissioner Cuzzo stated that he joined this board to help provide boaters access to the waterway. He stated that motor boat rights continue to be eroded. He stated that this property has been historically used by power boaters. He stated that he does not believe that shoreline stabilization and boater access are mutually exclusive opportunities. He stated that all he is asking is that this Board take that position and ask the designers of this project to go back to the drawing board and create those opportunities. He stated that shoreline stabilization is an important part of the District's mission and power boater access is an equally important of that mission.

Commissioner Crowley stated that he is not debating that there is erosion at this site and this shoreline does need to be stabilized. He stated that stabilization will prevent material from getting into the channel and that is good. He stated that he feels that the stabilization can be completed and still allow motor boat and public access to this site. He stated that he does not feel that if this District takes a position or comments on this project that we taking responsibility for this project. He stated that this is certainly within the District's purview to comment on as an entity and an agency that funds public access projects along our waterfront. He stated that we can suggest to those involved that the solution that they have come up with may not be the correct solution and suggest that they

go back to the drawing board. He stated that the problem is that the project completely eliminates all public access. He stated that Palm Beach County ERM has done a lot of wonderful projects, but this project, they just got flat out wrong. He stated that is not reflective of ERM, but their client and their client's wishes. He stated that he is confident that ERM can design this project typical of what we have seen in Palm Beach County and that includes boater access. He stated that this project should be redesigned to include public boater access.

Secretary Freeman stated that she is concerned by the type of precedent this could set and that we could be drawn into future such situations.

Commissioner Cuozzo stated that he is concerned about the precedent we will set if we don't step in and he noted that this project is on the IWW and is a stabilization and a boater access project. He stated that if we don't step in, that is a bad precedent. He stated that we work hard to provide motorized boater access and this project proposes to take away motorized boater access.

Commissioner Sansom referred to the Resource Assessment and noted that this section of the project area was originally a high bluff area that man dug a channel through when the Jupiter Inlet was created. He stated that over the years the land has eroded over 70 feet and that it is important that this shoreline be stabilized. He would hope that because boater access is important we could suggest that we could partner with ERM and help provide boater access components as part of the overall approved plan.

Vice-Chair Colee stated that he is supportive of today's discussion and he would be supportive of a letter from this Board similar to the one that the Town of Jupiter wrote. He stated that the letter could state that this Board agrees that this shoreline must be

stabilized and that we are supportive of the planned stabilization. He stated that we should encourage that public access be considered and included in the plans to the best degree that is possible. He stated that we should not specify how they do that.

Commissioner Crowley made a motion that staff develop and send a letter to Palm Beach County ERM and the BLM and other relative agencies suggesting that the permit be revised to include boater access, some type of beach access, and additional recreational opportunities. The motion was seconded by Commissioner Cuzzo. Chair Bray asked for discussion.

Vice-Chair Colee stated that he is not supportive of a letter that defines the term of what public access is because we have not engineered this project.

Commissioner Cuzzo stated that this project currently has a public access component for kayaking and that is not what this District wants. He stated that we cannot send the letter without some description of the public access we would like and that would be power boat access to the beach.

Commissioner Sansom stated that the only problem he has with the motion is telling them what public access component to include in their project. He suggested that the word "should" be changed to "could" include boater access.

Secretary Freeman stated that she agrees and cannot support the motion as it stands. She stated that she would support a motion that encourages boater access.

Commissioner Netts stated that he agrees, boater access is sufficiently clear and he noted that he has never confused a paddle boat with a boat.

Commissioner Sansom amended the motion to read that staff develop and send a letter to Palm Beach County ERM and the BLM and other relative agencies suggesting

that the permit be revised to include boater access and additional recreational opportunities. The motion was seconded by Vice-Chair Colee. Chair Bray asked for discussion.

Commissioner Crowley stated that he does not like the amendment because the current renderings depict a condition that is inconsistent with the use that is there today. He stated that he is hopeful that whatever is ultimately created after the District's letter will allow people to swim, snorkel, and use the water.

Chair Bray noted that we are getting close to designing this project. Commissioner Sansom stated that is why he is okay with the words recreational opportunities because we do not get into designing the project.

Commissioner Netts stated that it is important to remember that the District is not the only voice that is being heard on this issue. He stated that we are only lending conceptual support and that the motion as amended is consistent with the District's role.

Chair Bray asked for the District Engineer to comment on this item. Dr. Taylor stated that from an engineering perspective, his opinion is that something can be designed to provide boater access, with a sustainable beach behind it, and access to that beach. He stated that it may not be direct access, but it will provide an area for boaters to get to the beach for recreation. He stated that it can be done and there are several ways to do it.

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

Chair Bray called a recess of the Florida Inland Navigation District Board of Commissioners Meeting at 11:15 a.m.

Chair Bray reconvened the Florida Inland Navigation District Board of Commissioners Meeting at 11:20 a.m.

ITEM 11. Rybovich Megayacht Facility and Intracoastal Waterway Deepening Projects Update, Palm Beach County.

Mr. Roach stated that several years ago staff presented a private/public partnership proposal to improve the ICW in the vicinity of the Port of Palm Beach and Peanut Island. He stated that the Board authorized the project to move forward with the private party obtaining the permitting. He stated that while moving forward, it was determined that the proposed design was not environmentally suitable. He stated the project was redesigned and made smaller to meet the environmental requirements. He stated that we have with us today Mr. Carlos Vidueira with Rybovich Boat Works to outline the new plan.

Mr. Carlos Vidueira introduced Riviera Beach Commissioner, Ms. Dawn Pardo, Mr. Ed Shea with Lockheed Martin, Mr. George Carter with Viking Yachts, and Mr. John Sprague with the Palm Beach County Marine Industries Association.

Mr. Vidueira noted that he also volunteers as the Executive Director of the Marine Industries Association of South Florida. He stated that, on behalf of the 20,000 Marine Industry members and one million registered boat owners in Florida, he thanks this Board for their work.

Mr. Vidueira stated that the project area goes from north of Peanut Island to the Port of Palm Beach. He briefly reviewed the project area and the locations of project partners, Rybovich Boat Works, Lockheed Martin, Riviera Beach Marine, and Viking Yachts. He stated that all land owners along the project area will derive benefit from the deepening of the ICW.

Mr. Vidueira stated that an element of this project is to establish a mega yacht repair facility. He stated that the proposed facility will be able to accommodate vessels

up to 350 feet in length although the majority of the boats will be in the 200 to 220 foot range. He stated that the final project will have the ability to handle larger vessels in the future. He stated that a smaller facility in Fort Lauderdale attracts mega yachts from Europe creating jobs in America. He stated that this Palm Beach County facility will do that, but on a larger scale.

Mr. Vidueira stated that a press conference was held in November 2010 and it was attended by members of congress, city and county leaders. He stated that this project will create approximately 3,400 construction jobs, 1,000 on site jobs, and 340 support jobs for the contractors, restaurants, etc. He stated that the construction will provide a \$630 million county wide economic impact.

Ms. Dawn Pardo, stated that she would like to thank the Board for their support on the Riviera Beach Marina project. She stated that the bulkhead construction has been completed and the project continues to move forward.

Ms. Pardo stated that the City of Riviera Beach passed a resolution last year supporting the ICW deepening project. She stated that Rybovich Boat Works and Viking Yachts have both committed to provide job training to city residents and it is hopeful that those residents will have access to some of these marine industry jobs.

Mr. George Carter stated that Viking Yachts supports this project and is excited about the enhancement it will make to our area. He stated that the improvements to the working waterfront will allow Viking Yachts to expand their services and provide additional jobs. He stated that he also is involved with the Riviera Beach Maritime Academy and he noted that this year we have over 200 students. He stated that these students are working towards becoming involved in the marine industry.

Mr. Ed Shea stated that Lockheed Martin currently employs 380 people and have expanded our facility in preparation of this deepening project. He stated that this project will allow Lockheed Martin to support more navy programs and create high paying jobs within this community.

Mr. John Sprague stated that this deepening project will promote improvements to the working waterfront and all facilities located along the waterway. He noted that the Riviera Beach Marina is making improvements that will accommodate several of these larger vessels. He stated that this project will attract international vessels and provide economic benefit to South Florida.

Mr. Roach stated that Mr. Vidueira has submitted the application to deepen the channel into Rybovich Boat Works and the agencies have provided comments that the ICW needs to be deepened to have the project make sense.

Mr. Roach stated that over the years, we have taken a lot of steps to move this project forward. He stated that the DMMA on Peanut Island is ready for this project and that the mitigation area has been constructed at Snook Island with fifty acres of seagrass. He stated that the District's next step is the next item on this agenda and that is to perform the seagrass survey of the project area and then we can put our permit application together. He stated that Taylor Engineering feels that the Fort Lauderdale deepening project will provide a good template to put together this project.

Commissioner Crowley asked if this is a federal project. Mr. Roach stated that the Corps has worked on the project in the past but the District is now handling the dredging and completion of this project.

Commissioner Sansom asked if this project would take work away from Trinity in New Orleans. Mr. Vidueria stated that they want Trinity to prosper. He stated that he feels that the Palm Beach market would compete with facilities in Barcelona, France, Malta, and Turkey. He stated that, for boats of this size, the U.S. currently has 10% of the market share and there is the opportunity to get that up to 30 to 40%.

Vice-Chair Colee stated that these types of projects are transformational for this area of South Florida. He stated that Riviera Beach has a working maritime history and Riviera Beach Commissioner Pardo has found ways to make these projects work in a challenging environment. He stated that the private sector including, Mr. Vidueira and the owners of Rybovich Boat Works, Mr. Carter from Viking Yachts, and Mr. Shea from Lockheed Martin all have worked towards making this expansion project happen. He stated that in addition, this project will allow expansion to the role that Lockheed Martin plays in national defense. He stated that the pay back to the entire community in the way of jobs will be huge.

Commissioner Sansom stated that south Florida was the boating capital of the world for a long time. He stated that, as the boats got bigger, the facilities did not keep up with that trend and the industry moved beyond Florida. He stated the hopefully these types of projects will reverse the trend and bring the marine industry back to south Florida.

Commissioner Crowley stated that it is great that this Board is involved in projects that create jobs and help generate economy.

Treasurer Kavanagh stated that Fort Pierce looked into this type of a project, but for various reasons it did not move forward. She stated that it is wonderful that this

project has everything that it needs to move forward including the support of local government, the community, and private business.

Mr. Vidueira stated that the waterway improvements started in Miami Dade County, then to Broward and now to Palm Beach County. He stated that as the industry continues to make improvements it will work its way up the coast of Florida.

ITEM 12. Cost Summary Proposals for Seagrass Surveying for the Intracoastal Waterway Maintenance Deepening Project in Riviera Beach, Palm Beach County.

Mr. Roach stated that the District's approved short list of seagrass survey consultants has submitted summary cost proposals for the Intracoastal Waterway Maintenance Deepening Project in the Vicinity of Riviera Beach.

Mr. Roach stated that the lowest cost summary proposal was from Scheda & Associates in the amount of \$10,400.00 for the seagrass survey for the Intracoastal Waterway Deepening Project in the Vicinity of Riviera Beach.

Commissioner Sansom made a motion to approve the low cost summary proposal from Scheda & Associates in the amount of \$10,400.00 for a seagrass survey for the Intracoastal Waterway Deepening Project in the Vicinity of Riviera Beach. The motion was seconded by Vice-Chair Colee. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 13. Cost Summary Proposals for Seagrass Surveying for the Pipeline Access to DMMA IR-2 in the Vicinity of Sebastian, Indian River County.

This item was deleted from the agenda.

ITEM 14A. Additional Permitting Assistance for the ICW Deepening Project, Broward County.

Commissioner Sansom made a motion to approve the scope of services and not to exceed the maximum fee quote in the amount of \$13,281.00 from Taylor Engineering for additional permitting assistance for the ICW Deepening Project, Broward County. The motion was seconded by Commissioner Cuzzo. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 14. Dania Cut Off Canal Deepening Project, Broward County.

Mr. Roach stated that the Dania Cut Off Canal Deepening Project has been advertised and bids are due on September 27th. He stated that staff would like the Board to appoint a Project Review Committee of no more than five members to review the bids and contractor's qualifications.

Mr. Roach stated that he has received interest from Commissioner Chappell, Commissioner Blow, himself, and a member of Taylor Engineering. He asked if anyone else would like to be on the committee. Commissioner Crowley volunteered to be on the committee.

Commissioner Cuzzo made a motion to approve the Dania Cut Off Canal Project Review Committee. The motion was seconded by Vice-Chair Colee. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 14B. Cost Summary Proposals for the Seagrass Surveying for the Dania Cut Off Canal Deepening Project, Broward County.

Commissioner Cuzzo made a motion to approve amending the agenda to include Item 14B, Cost Summary Proposals for the Seagrass Surveying for the Dania Cut Off Canal Deepening Project, Broward County. The motion was seconded by Commissioner

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

Mr. Roach stated that the District's approved short list of seagrass survey consultants has submitted summary cost proposals for the Dania Cut Off Canal Maintenance Deepening Project in Broward County. He stated that the lowest cost summary proposal was from Dial Cordy & Associates in the amount of \$10,880.00 for the seagrass survey for the Dania Cut Off Canal Maintenance Deepening Project in Broward County.

Commissioner Cuzzo made a motion to approve the low bid from Dial Cordy & Associates in the amount of \$10,880.00 for the Seagrass Survey for the Dania Cut-Off Canal Deepening Project, Broward County. The motion was seconded by Commissioner Netts. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 15. Resolution from the Indian River County Board of Commissioners regarding the DMMA IR-2 Construction Project, Indian River County.

Mr. Roach stated that he attended a recent Indian River County Commission meeting and the commission passed a resolution regarding the DMMA IR-2 Construction Project. He briefly reviewed the resolution and stated that staff has completed the four actions requested in the resolution.

Commissioner Cuzzo asked if the citizens that have concerns about this project approve of this resolution. Mr. Roach stated that they commented on this resolution and he noted that they feel that it did not address what they wanted to have happen. He stated that their next effort will be to attend the Indian River County Legislative Delegation

meeting to ask the Legislative Delegation to rewrite the approval process for District Dredge Material Management Areas. He stated that the delegation staff has requested that he attend that meeting to answer questions.

Secretary Freeman asked the costs for these additional requirements. Mr. Roach stated that the request to take additional sediment samples could cost a substantial amount of money. He stated that we have agreed to take more sediment samples and are in negotiations as to how many and what kind. He stated that for the community as a whole, taking additional sediment samples is the right thing to do.

Commissioner Sansom asked about the request to turn Duck Point into a public recreation area. Mr. Roach stated that we have discussed this with the Indian River County Commission in the past and they would have to provide the funds to build and operate a park at that location, which they currently cannot afford.

Commissioner Sansom made a motion to approve the acceptance of the Indian River County resolution and direction for staff to accomplish the county requests. The motion was seconded by Commissioner Cuzzo. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 16. Assistance Program Rule Changes.

Mr. Crosley stated that commissioners previously reviewed and commented on proposed amendments to the Assistance Programs rules and forms. He stated that those items have been reworked and brought back to the Board for continued discussion.

Mr. Crosley stated that this Board has expressed concern about the amount of money that a District funded marina puts away towards maintenance and repairs. He

stated that we have added language requiring public marinas to maintain an enterprise fund for the facility. He stated that we have also added policy language that any public project that charges a fee must also maintain an enterprise fund for maintenance of that facility.

Mr. John Sprague stated that the language is excellent. He stated that he is concerned about how this will work when the facilities are so different. He stated that he would like the District to ask the applicant to identify what needs to be maintained, what will be done, when will it be done, and include a project scope. He stated that he feels that District funded public facilities should be accountable for the dollars spent.

Secretary Freeman stated that the words “enterprise funds” should read “enterprise fund.”

Commissioner Netts stated that the City of Palm Coast has many enterprise funds and there is a public perception that an enterprise fund should be 100% self sufficient, self funding, and not public or tax payers dollars go into that fund. He suggested using another term, such as dedicated fund.

Mr. Crosley stated that we will take the word enterprise out and staff will work with Attorney Breton to add some substitute language.

Commissioner Sansom suggested removing the words “enterprise funds” and replace them with “accounting of the funds” in two place of the rule. Staff agreed.

Secretary Freeman made a motion to approve staff’s recommendations as amended by the Board to the Assistance Program Rule Change Item 1. The motion was seconded by Commissioner Netts. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

Mr. Crosley stated that the Board elected to add Inlet Channel Maintenance to the eligibility list. He stated that we removed the original strike through and added the words inlet channel maintenance.

Commissioner Blow asked about a county who has an independent inlet taxing district for inlet maintenance and for some reason they cannot fund the inlet maintenance and they come to this Board for funding. Mr. Crosley stated that it would be evaluated when the project is ranked.

Vice-Chair Colee noted that this inlet channel maintenance would still be within the funding cap of the county.

Commissioner Blow made a motion to approve staff's recommendations to the Assistance Program Rule Change Item 2. The motion was seconded by Commissioner Sansom. Chair Bray asked for discussion.

Mr. John Sprague noted that dredging is a higher priority and should be ranked over inlet projects.

Vice-Chair Colee stated that in previous discussions, it was noted that the Commissioner in that particular county has the option to suggest, when the presentations are made, how he feels about the project and if it is the most critical need within that county.

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

Mr. Crosley stated that the Board stated that they would like to require that mitigation credits be given to the District for assistance projects funded by the District.

Commissioner Sansom made a motion to approve made a motion staff's recommendations as amended by the Board to the Assistance program Rule Change Item 3. The motion was seconded by Commissioner Crowley. Chair Bray asked for discussion.

Mr. John Sprague questioned if FIND would receive all the project mitigation credits or if they would be distributed among all project partners. Mr. Roach stated that everyone would receive mitigation credits equal to their percentage of funding in that project.

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

ITEM 17. Executive Director's Delegation of Authority.

Commissioner Sansom made a motion to approve Resolution No. 2011-02 Delegating certain Authorities to the Executive Director. The motion was seconded by Commissioner Netts. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 18. Finance and Budget Committee Report.

Chair Kavanagh stated that the District's Finance and Budget Committee met before today's Board meeting and the Committee reviewed and recommends approval of the July 2011 financial information.

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

ITEM 19. Personnel Committee Report.

Chair Netts stated that the District's Personnel Committee met prior to the Board meeting and recommends approving the Executive Director's annual Performance Evaluation. He stated that the Committee discussed adjusting the District's salary ranges to reflect actual salaries and to make sure that no one is being paid more than the maximum allowed for that position. He stated that the Committee discussed that because some employees have had added job responsibilities, we are recommending that we complete a salary survey to make sure that the District salary ranges are comparable with job responsibilities. He stated that the District's Personnel Committee recommends approving an up to 2% salary lump sum bonus for outstanding service.

Chair Netts made a motion to approve the Executive Director's Performance Evaluation. The motion was seconded by Commissioner Cuzzo. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

Commissioner Netts made a motion to approve adjusting staff salary ranges and completing a salary survey to represent reality. The motion was seconded by Commissioner Cuzzo. Chair Bray asked for discussion.

Secretary Freeman stated that when the comparison is made we will be looking at the actual employee responsibilities, not their job titles. She stated that the District staff does more than the job titles indicate.

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

Chair Netts asked for discussion regarding an up to 2% salary bonus for the District staff.

Secretary Freeman asked if this is a one-time payment and not a salary increase.

Mr. Roach answered a lump sum one-time payment and we are not increasing salaries.

Commissioner Crowley asked if this is an automatic bonus or at the discretion of the Executive Director. Mr. Roach stated that it could be up to 2%, based upon the employee review or it could be 2% across the board.

Commissioner Crowley stated that this is lower than the last proposal and is a compromise.

Commissioner Blow stated that he is comfortable with an up to 2% lump sum bonus. He stated that he knows that the District staff performs duties outside of a rigid scope of work. He stated that this allows the Executive Director to reward staff for their dedication. He noted that a general salary increase would not be supported by the public.

Commissioner Blow made a motion to approve an up to 2% lump sum bonus based upon the Executive Director's discretion and the employee's performance evaluation. The motion was seconded by Commissioner Cuzzo. Chair Bray asked for discussion.

Commissioner Cuzzo stated that this is cutting edge government. He stated that this will give staff the incentive to do a good job and is similar to what the private sector does.

Commissioner Sansom stated that for the last few years, there have been no raises at the state level. He asked if this will be a straight 2% bonus. Mr. Roach answered no, and stated that the bonus will range between 0 and 2%, to be determined by him. Commissioner Sansom stated that he is uncomfortable with this, but he does not know how to get around it.

Secretary Freeman stated that she does not deny that the District staff does a great job, but she is also the voice of reality. She stated that the District is currently incurring increased projects costs with lower interest income. She asked that if anything is going to be done that it be done very judiciously.

Commissioner Blow stated that he would be concerned if this was a base salary raise, but this is a one-time bonus and it is justified. He stated that other government entities are not like FIND or the six staff members. He stated that when he works with the FIND staff he feels like he is dealing with the private sector and not a government agency. He stated that the FIND staff is unique and this bonus can be explained to the governor or anyone else.

Commissioner Sansom stated that he cannot support this motion.

Commissioner Crowley stated that this is a very small amount and it will give staff incentive. He stated that a lot of what is going on in government is to look at the private sector to see how they do things. He stated that one of the mechanisms to do that is to incentivize employees. He noted that the District is not increasing our millage to do this, we can do this while living within our means.

Chair Bray stated that our yearly assistance program is approximately \$11 million and this Board does not micro manage that program. He stated that he is not saying that we are micro managing this, but he would like to give staff the opportunity to be able to reward the people that manage a \$73 million yearly budget.

Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed. Commissioner Sansom voted no.

ITEM 20. Washington D. C. Report.

Mr. Roach stated that the Senate budget does not include funding for the Intracoastal Waterway (ICW) in Florida. He noted that the Senate budget did include \$15 million for an Inland Navigation Channel Maintenance program plus a \$34 million Miscellaneous Maintenance program. He noted that the House-passed an "Additional Navigation" category, which was funded at \$123.3 million. He stated that these two proposals will come together in conference and hopefully provide navigation channel maintenance funding.

Vice-Chair Colee asked about funding for the Okeechobee Waterway in the amount of \$2 million. Mr. Roach stated yes, the budget included that funding for lock operations.

ITEM 21. Committee Assignments.

Chair Bray stated that staff worked with him to come up with the final recommended committee assignment list. He stated that the only changes are that Commissioner Sansom will replace Chair Bray on the Finance and Budget Committee and on the Public Relations Committee.

Commissioner Sansom made a motion to approve the Committee Assignments. The motion was seconded by Commissioner Crowley. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 22A. Land Acquisition and Management Committee Meeting Agenda.**ITEM 3. Additions or Deletions.**

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

Mr. Roach stated that he would like to delete from the agenda: Item 4, DMMA NA-1 Eagle Monitoring, Nassau County; and Item 6, DMMA FL-12 Additional Fencing, Flagler County.

Mr. Roach stated that during the bid process, the U. S. Fish and Wildlife Service amended our permit for less monitoring. He stated that we are receiving amended bids that will come in under \$10,000.00.

Mr. Roach stated that he would like to add to the agenda: Item 7B, Purchase of Mitigation Credits, Nassau County.

Commissioner Sansom stated that the Florida Fish and Wildlife Conservation Commissioner (FWC) put into place a new program allowing a government agreement between agencies to deal with gopher tortoise removal and relocation. He noted that Dennis David at the Titusville Airport Authority has just completed a tortoise relocation project and saved about 75% on the tortoise relocation expense.

Commissioner Cuozzo made a motion to approve the final agenda as amended. Commissioner Netts seconded the motion. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 4. DMMA NA-1 Eagle Monitoring, Nassau County.

This item was deleted from the agenda.

ITEM 5. DMMA SJ-14 Saltwater Marsh Restoration, St. Johns County.

Mr. Roach stated that the dewatering of the DMMA SJ-14 basin last year and prior to that during the maintenance dredging of the waterway in this area has eroded the marsh at the discharge point. He stated that the Florida Department of Environmental Protection (FDEP) has asked us to restore this area and has approved our restoration plan.

Mr. Roach stated that staff bid the project and four bids were received. He stated that the low bid was from BNC, Inc. in the amount of \$16,521.00. He stated that staff has not been able to confirm their qualifications. He requested approval of the bid list and the low qualified bidder, upon staff confirming qualifications.

Commissioner Blow made a motion to approve the low qualified bid for DMMA SJ-14 Saltwater Marsh Restoration Project. Commissioner Netts seconded the motion. Chair Bray asked for any further discussion, hearing none, a vote was taken and the motion passed.

ITEM 6. DMMA FL-12 Additional Fencing, Flagler County.

This item was deleted from the agenda.

ITEM 7B. DMMA NA-1 Purchase of Mitigation Credits, Nassau County.

Mr. Roach stated that the District will impact a small amount of freshwater wetlands in the construction of DMMA NA-1. He stated that this will require mitigation and he noted that approval is needed at this point to obtain our FDEP permit. He stated that staff obtained quotes from the mitigation banks in the basin and the low qualified bid was Longleaf Mitigation Bank in the amount of \$106,000.00.

Vice-Chair Colee made a motion to approve the low bid for mitigation credits for the DMMA NA-1 Construction Project. Commissioner Netts seconded the motion. Chair Bray asked for discussion.

Commissioner Blow asked if this was required by FDEP. Mr. Roach stated that we have mitigation requirements by both the FDEP and the Corps.

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

ITEM 22. Additional Staff Comments and Additional Agenda Items.

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

Mr. Roach distributed a letter from the FWC that notes that the District was statutorily written into review of the local anchorage and mooring ordinances. He stated that they are starting that review process and have asked the District for a representative. He asked if a Commissioner would like to volunteer for that assignment. He stated that this assignment will require at least one visit to Tallahassee, if not more.

Commissioner Blow stated that the City of St. Augustine is in that program and he asked if it would be acceptable for him to volunteer for that Committee. Mr. Roach stated that he has discussed this with Attorney Breton and there are no legal obstacles to that. He stated that it would only be a perception issue.

Commissioner Blow deferred to the Board regarding the perception issue of him serving on the anchorage and mooring ordinance review Committee.

Commissioner Cuzzo stated that the City of Stuart has an interest in this program and that he would be willing to serve on the Committee. He noted that Martin County has a very active and vocal group interested in this ordinance and they could have a substantial effect on the results of this program.

Commissioner Sansom stated that the City of Titusville also has an interest in this program.

Mr. Crosley suggested that perhaps we should select two Commissioners for the Committee, a primary and alternative member.

Commissioner Sansom suggested Commissioner Blow as the primary member and Commissioner Cuozzo as the alternative member of the FWC Anchorage and Mooring Ordinance Review Committee.

Mr. Roach stated that the Martin County Commission is proposing to draft legislation requiring the District to fund shallow draft inlet maintenance. He stated that there may be a Legislative Delegation meeting in the near future to discuss this issue. He suggested that we develop a FIND position on this issue. He stated that the inlet maintenance in Martin County costs approximately \$4 million a year. He stated that we would have to raise our millage rate if the District were required to take on full responsibility to maintain that inlet and he noted that is not fair to other District counties. He stated that this may mean a different tax level in each county to address this type of responsibility. He noted that previous District Board members did not like that because it made each county hold a different status within the District. He asked for direction on what the District should provide the Legislative Delegation as they hear this request from Martin County.

Commissioner Sansom noted that the majority of shallow draft inlets already have special taxing district's within their county or the county recognizes their obligation for maintenance of their inlet. He stated that these east coast inlets do not need legislation to take care of them. He noted that Matanzas and the St. Lucie inlets do not have a taxing district for this maintenance.

Commissioner Sansom stated that the District has already agreed to fund inlet maintenance within our assistance program and have amended our rules to allow us to do that. He stated that Martin County could create a special taxing district for their inlet

maintenance, like a number of the other counties with an inlet have done. He stated that perhaps we could show the county how it has been successfully done elsewhere.

Dr. Taylor noted that if the District were to become the government entity responsible for inlet maintenance, it is not just maintenance dredging. He stated that it would also include maintenance of jetty construction, including major structures, updating inlet management plans, sand bypassing, etc.

ITEM 23. Additional Commissioners Comments.

Chair Bray asked if there were any additional commissioner comments or agenda items.

Vice-Chair Colee stated that there will be another public meeting regarding the Lake Wyman project on Monday, September 19th.

Commissioner Crowley stated that the City of Miami Commission voted to acquire the 1.25 acre waterfront park on the Little River. He noted that the District helped fund this purchase through the assistance program. He stated that this park will be a catalyst to the redevelopment of this area.

ITEM 24. Adjournment.

Chair Bray stated that hearing no further business the meeting was adjourned at 1:15 p.m.

**MINUTES OF THE
FLORIDA INLAND NAVIGATION DISTRICT**

Final Public Tax & Budget Hearing

6:02 p.m., Tuesday, September 27, 2011

City Hall Council Chambers

Fellsmere City Hall

21 South Cypress Street

Fellsmere, Indian River County, Florida

ITEM 1. Call to Order and Pledge to the Flag.

Chair Bray called the Final Public Tax and Budget Meeting of the Florida Inland Navigation District to order at 6:02 p.m.

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

ITEM 2. Roll Call.

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

ITEM 3. Announcement of the Per Cent (-3.09%) by which the Proposed Millage Rate of 0.0345 exceeds the Calculated Rolled Back Rate (0.0356.)

Mr. Roach announced that the proposed millage rate is 0.0345, which is -3.09% below the calculated roll-back rate of 0.0356.

ITEM 4. Invitation for Public Comments.

Chair Bray asked if there were any public comments from the audience. There were none.

ITEM 5. Amendments to the Budget.

Cooperative Assistance Project.

Mr. Roach stated that the one application in this program received their permits and is eligible to be funded at the budget level of \$350,000.00.

Waterways Assistance Projects.

Mr. Roach stated that Waterway Assistance Program final listing of 38 eligible applications for next year is \$9,784,413.00 leaving a balance of \$2.4 million in undesignated funding. He stated that staff would recommend that \$500,000.00 of this undesignated funding be transferred to the Dania Cut-Off Canal dredging project. He stated that the remainder of the undesignated funding could be reallocated to the ICW dredging account at a later date.

Mr. Roach noted that, to meet their statutory and rule funding limits in St. Johns County, the Barge Terminal Navigation Channel Restoration Dredging, Phase II project, has been reduced to \$98,430.00.

ITEM 6. Comments by District Commissioners.

Chair Bray asked if there were any comments from the Commissioners.

Commissioner Sansom stated that Brevard County is eagerly awaiting approval of their assistance projects so they can begin that work.

ITEM 7. Re-computation of the Final Tax Millage Rate.

Mr. Roach stated that there was no re-computation of the final tax millage rate and it remains at 0.0345 mills.

ITEM 8. Announcement of the Per Cent by Which the Re-computed Final Millage Rate Exceeds the Calculated Rolled Back Rate.

Mr. Roach stated that the millage rate does not exceed and is below the “rolled back rate” by -3.09%.

ITEM 9. Additional Public Comments on the Budget Amendments and Tax Millage Re-computation.

Chair Bray asked if there were any comments from the public regarding the amendments to the budget. None were heard.

ITEM 10. Final Announcement of the Florida Inland Navigation District rolled back rate for FY 2011-2012 (0.0356), the final proposed millage rate for FY 2011-2012 (0.0345), and the per cent by which the re-computed final millage rate exceeds the calculated rolled back rate for FY 2011-2012 (-3.09%).

Mr. Roach stated that the proposed millage rate of 0.0345 is -3.09% below the calculated rolled back rate of 0.0356 mills. He stated that the final tax millage rate for FY 2011-2012 is 0.0345 mills.

ITEM 11. Adoption of the Final Tax Millage Rate, Resolution No. 2011-03.

Chair Bray presented District Resolution No. 2011-03 adopting the final millage rate of 0.0345 for taxation of the properties lying within the boundaries of the Florida Inland Navigation District for the year commencing, October 1, 2011 and ending September 30, 2012.

Commissioner Blow made a motion to adopt Resolution No. 2011-03 with a final millage rate of 0.0345. The motion was seconded by Commissioner Sansom. Chair Bray asked for any discussion, hearing none, a vote was taken and the motion passed.

ITEM 12. Adoption of the Final Budget, Resolution No. 2011-04.

Mr. Roach presented District Resolution No. 2011-04 adopting the final budget for the Florida Inland Navigation District for the fiscal year commencing, October 1, 2011 and ending September 30, 2012 with the amount of the final budget at \$77,233,603.00.

Commissioner Barkett made a motion to adopt Resolution No. 2011-04 and a final FY 2011-2012 budget of \$77,233,603.00. The motion was seconded by Commissioner Sansom. Chair Bray asked for discussion.

Vice-Chair Colee asked if the meeting dates that were to be changed have been approved. Mr. Roach answered yes.

Commissioner Sansom suggested that all meetings be held on the third Friday or Saturday of the month. He stated that this schedule makes it easier for his long term planning.

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

ITEM 13. Adjournment.

Chair Bray stated that hearing no further business the meeting was adjourned at 6:13 p.m.



BROWARD COUNTY PROJECT STATUS UPDATE

October 2011

Dredged Material Management Plan.

Phase I of the Dredged Material Management Plan (DMMP) for the Intracoastal Waterway in Broward County was completed in 2003. Phase II of the DMMP was completed in 2004. Land acquisition continues. See attached map.

The 50 year dredging projection for the 25 miles of channel in Broward County is 33,644 cyds. and the storage projection is 72,334 cyds. This is the lowest dredging projection of any of the District's 12 counties. The majority of this dredging (81%) is associated with the Hillsboro Inlet.

Three upland Dredged Material Management Areas (DMMA) and one beach placement area will manage dredged materials from the waterway. The District continues to explore an exchange of easements with Broward County at Port Everglades to create a more efficient management area for both parties. A western long term storage site was suggested in the DMMP but has not been pursued actively because of costs. If a western site presents itself, through exchange or at a reasonable cost, the District will make the acquisition and add this site to the plan.

Dredged Material Management Area Development

The existing District owned Dredged Material Management Areas are currently leased to the City of Pompano Beach and Broward County for parks and port facilities. There is no current schedule for site development.

Waterway Dredging

The District is pursuing the deepening of the Intracoastal Waterway from the 17th Street Causeway north to the Middle River. This project will create safer conditions for mega-yachts and is being pursued in conjunction with the proposed deepening of the Dania Cut-Off Canal between the Port and US 1. These are cooperative projects with the Marine Industries Association of South Florida, Broward County, and the cities of Fort Lauderdale and Dania Beach. See attached location maps. The Dania Deepening will start in November/December of this year followed by the ICW Deepening next November.

Additionally, maintenance dredging of Reach I has currently been scheduled for 2013 with the dredged material being placed on the beach south of the Hillsboro Inlet.

Waterways Economic Study

The Broward County Waterways Economic Study was completed in early 2008. This study documented 1,767 marine related businesses in the county employing 31,843 people, with salaries of \$1.46 Billion and a total economic impact of \$6.1 billion. Property values were determined to be increased by \$6-7.2 billion by the presence of the ICW channel.



BROWARD COUNTY PROJECT STATUS UPDATE

October 2011

Waterways Assistance Program

Since 1986, the District has provided \$17.3 million in Waterways Assistance Program funding to 92 projects in the County having a total constructed value of \$44.5 million. The County, ten cities, and the Hillsboro Inlet District have participated in the program. In addition, nine applications were awarded funding assistance for FY 2010-11 totaling \$3.5 million of District assistance. See attached map and project listing.

Notable projects funded include: the Fort Lauderdale Riverwalk, construction or rehabilitation of most of the saltwater boat ramps, maintenance dredging of the Dania Cut Off Canal and the New River System, construction and improvements to the Hollywood, Birch/Las Olas, Hillsboro Inlet and Cooley's Landing marinas, West Lake Park projects, and improvements to the Hillsboro Inlet channel.

Cooperative Assistance Program

The District's Cooperative Assistance Program has providing funding assistance for the following projects with elements in Broward County: Florida Marine Patrol Officer Funding; Clean Marina Program; Clean Vessel Act; Manatee Acoustic Warning System, and; Hillsboro Canal Bank Stabilization. The District's funding assistance for the Broward County portion of these 17 individual projects was approximately \$384,902.

Interlocal Agreement Program

The District's Interlocal Agreement Program has developed the following projects with elements in Broward County: Dania Canal Deepening, New River Deepening, Clean Marina Program; Clean Vessel Act, the installation and maintenance of Broward County Boating Safety Signage and; the Demonstration of a Manatee Acoustic Warning System.

Public Information Program

The District currently prints and distributes the following brochures with specific information about Broward County waterways: Boating Safety and Manatee Protection Zone Brochure, Economics of Broward County Waterways, Movable Bridge Guide, and the ICW Channel Conditions Brochure.



BROWARD COUNTY PROJECT STATUS UPDATE

October 2011

Waterway Clean Up Program

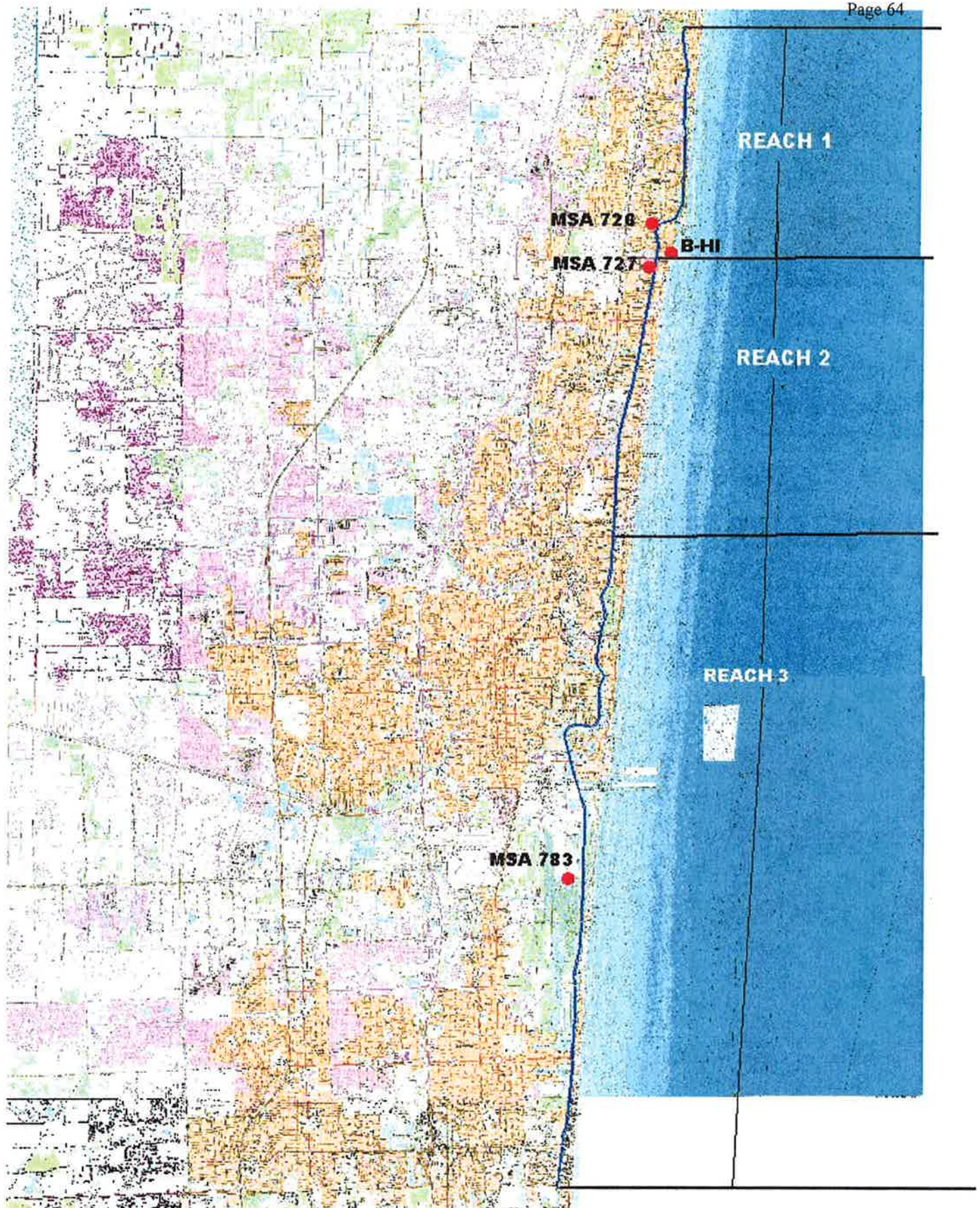
The District has partnered with the Marine Industries Association of South Florida for over 19 years on their waterway cleanup. The District provides up to \$10,000 per year for this program.

Small Scale Derelict Vessel Removal Program

The District has funded two small scale derelict vessel removal projects with the City of Fort Lauderdale through this program.

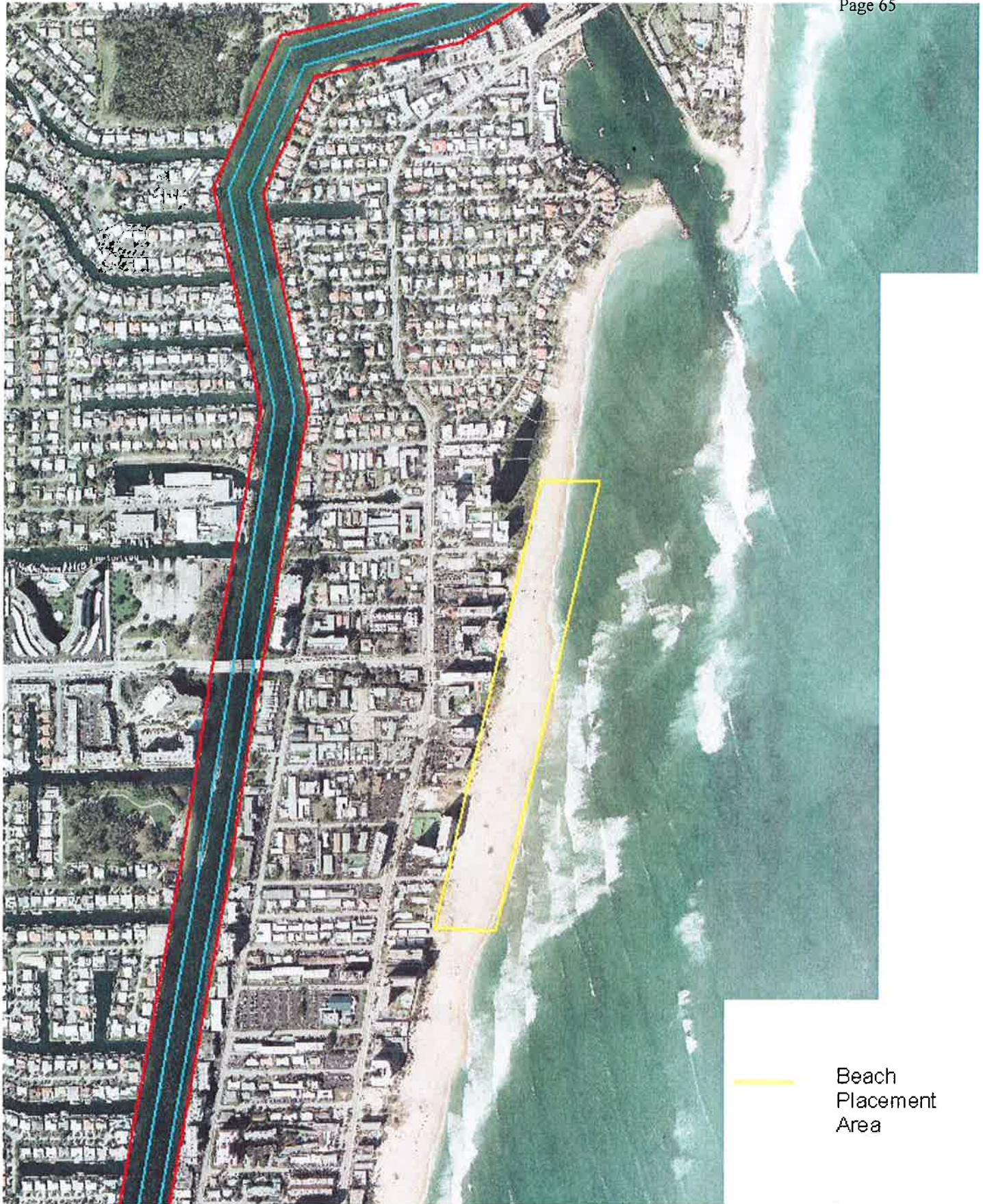
Small Scale Spoil Island Enhancement and Restoration Program

No projects have been funded yet in Broward County through this program.



INTRACOASTAL WATERWAY
DREDGED MATERIAL MANAGEMENT PLAN
IN BROWARD COUNTY





Beach
Placement
Area



BEACH PLACEMENT AREA
B-HI

Channel
ICW Right-of-Way



MSA 727

FIND Owned
Channel
ICW Right-of-Way



FIND Owned
Channel
ICW Right-of-Way

MSA 727



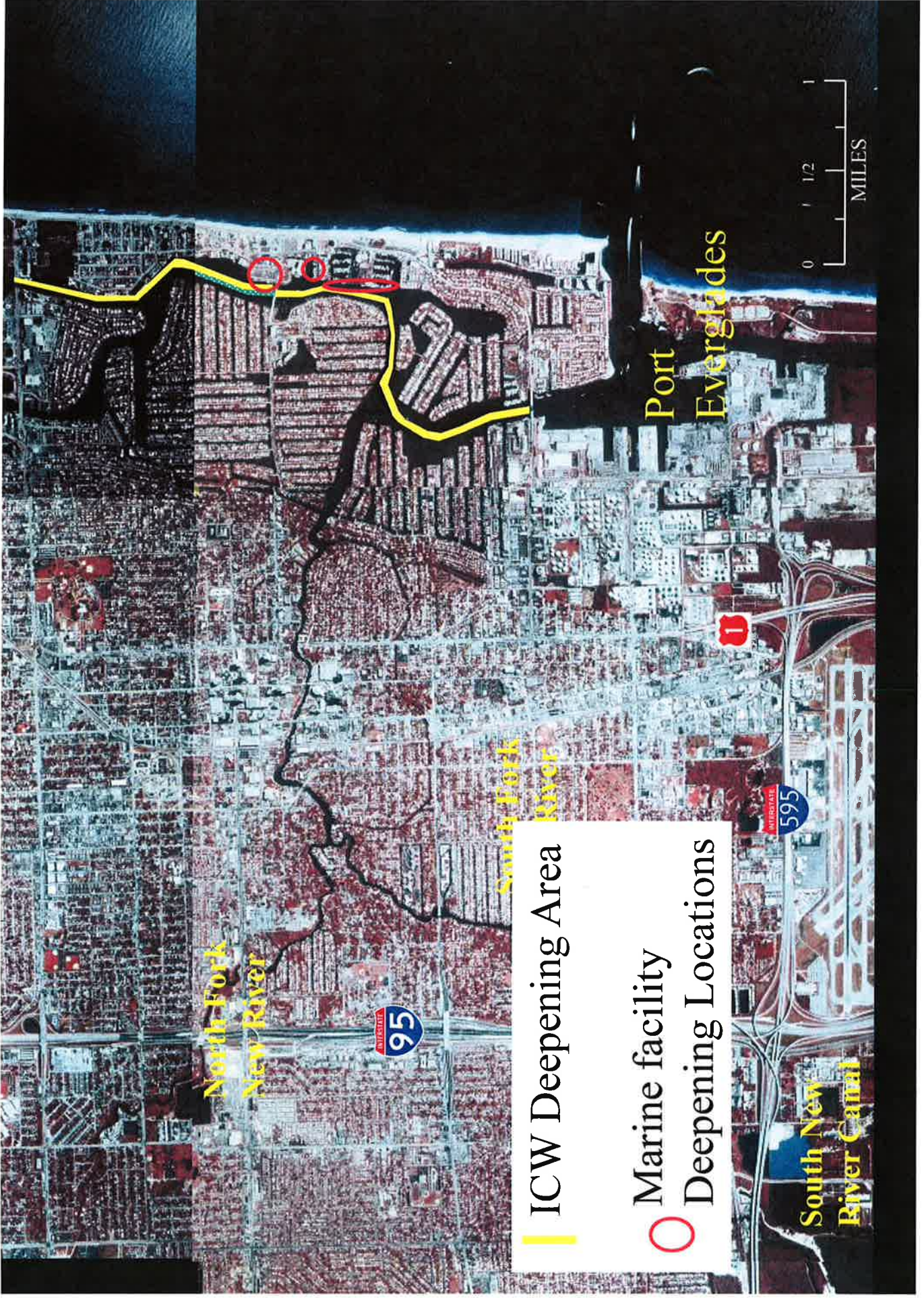


DANIA CUT OFF CANAL DEEPENING PROJECT

Channel Deepening

Marine Facility Deepening

INTRACOASTAL WATERWAY DEEPENING PROJECT AREA



**FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM PROJECTS
IN BROWARD COUNTY
1986-2011**

Project Name	Project No.	Project Sponsor	Grant Amount	Total Cost
West Lake Park Boat Dock - Phase I I	BR-01-52	Broward County	\$120,000.00	\$240,000.00
Deerfield Island Park Boat Dock - Phase I (Withdrawn	BR-04-67	Broward County	\$40,000.00	\$80,000.00
Port Everglades I.C.W./ (Transferred To Interlocal)	BR-04-68	Broward County	\$52,675.00	\$140,421.00
Deerfield Is. Boat Dock - P.H. I	BR-05-72	Broward County	\$40,000.00	\$80,000.00
Deerfield Island Park Boat Dock - Phase I I	BR-09-85	Broward County	\$200,000.00	\$400,000.00
Secret Woods Nature Center Boat Dock - Phase I	BR-10-88	Broward County	\$60,000.00	\$120,000.00
South Fork New River Channel Markers - Phase I	BR-10-89	Broward County	\$30,000.00	\$60,000.00
North Beach Park - Phase I I	BR-89-6	Broward County	\$200,000.00	\$813,700.00
West Lake Park Marina	BR-90-11	Broward County	\$27,500.00	\$55,000.00
West Lake Park Marina	BR-91-12	Broward County	\$300,000.00	\$679,000.00
Bonnet House Wetlands Education Project	BR-92-16	Broward County	\$21,000.00	\$42,380.00
Anne Kolb Nature Center Environmental Education Di	BR-92-17	Broward County	\$260,000.00	\$520,000.00
Intracoastal Waterway Environmental Education	BR-95-32	Broward County	\$46,288.00	\$67,264.00
Dania Cut-off Canal Boaters Park	BR-96-33	Broward County	\$500,000.00	\$1,346,015.00
Secret Woods Nature Center Improvements	BR-97-38	Broward County	\$67,500.00	\$75,000.00
New River Dredging - Phase I (Project Expired)	BR-97-39	Broward County	\$37,000.00	\$55,000.00
Beach Nourishment - Phase I (Project Expired)	BR-97-40	Broward County	\$217,528.00	\$2,172,500.00
West Lake Park Boat Docks - Phase I	BR-98-42	Broward County	\$15,000.00	\$30,000.00
Secret Woods Nature Center - Phase I I	BR-99-46	Broward County	\$297,000.00	\$396,000.00
Waterway Maintenance Vessel	BR-DA-91-14	City of Dania	\$30,000.00	\$60,000.00
Dania Cut-off Canal Dredge & Dock Project	BR-DA-92-18	City of Dania	\$28,350.00	\$36,000.00
Dania Cutoff Canal Dredging Study	BR-DA-93-20	City Of Dania	\$8,000.00	\$16,000.00
Dania Cut-off Canal Dredging - Phase I	BR-DA-95-29	City Of Dania	\$51,750.00	\$69,000.00
Dania Cut-off Canal Dredging - Phase I I	BR-DA-96-36	City Of Dania	\$149,000.00	\$226,000.00
Griffin Marine Park	BR-DA-99-49	City Of Dania Beach	\$161,500.00	\$346,024.00
Dania Cut-off Canal Dredging	BR-DB-02-58	City Of Dania Beach	\$180,000.00	\$220,000.00
Mckeithen Park	BR-DB-03-63	City Of Deerfield Beach	\$75,000.00	\$150,000.00
Kester Point Marina Boardwalk - Phase I (Withdrawn)	BR-DB-04-69	City Of Deerfield Beach	\$150,000.00	\$300,000.00
Marina Restoration & Expansion - Phase I	BR-DB-08-81	City Of Dania Beach	\$96,000.00	\$192,000.00
I.T. Parker Dock Replacement	BR-DB-10-90	City Of Dania Beach	\$24,400.00	\$48,800.00
Hillsboro Canal Dredging	BR-DB-97-37	Cities Of Boca Raton & Deerfield Bch	\$500,000.00	\$720,000.00
George English Park Boating Enhancements	BR-FL-00-50	City Of Fort Lauderdale	\$350,000.00	\$700,000.00
Navigational Dredging Of The North Fork New River	BR-FL-01-53	City Of Fort Lauderdale	\$150,000.00	\$165,000.00
Riverwalk North Improvements	BR-FL-01-54	City Of Fort Lauderdale	\$375,000.00	\$793,500.00
Riverwalk South - Phase I	BR-FL-01-55	City Of Fort Lauderdale	\$1,000,000.00	\$2,000,000.00
Riverwalk At Marshall's Point - Stage I	BR-FL-02-59	City Of Fort Lauderdale	\$951,000.00	\$1,902,000.00

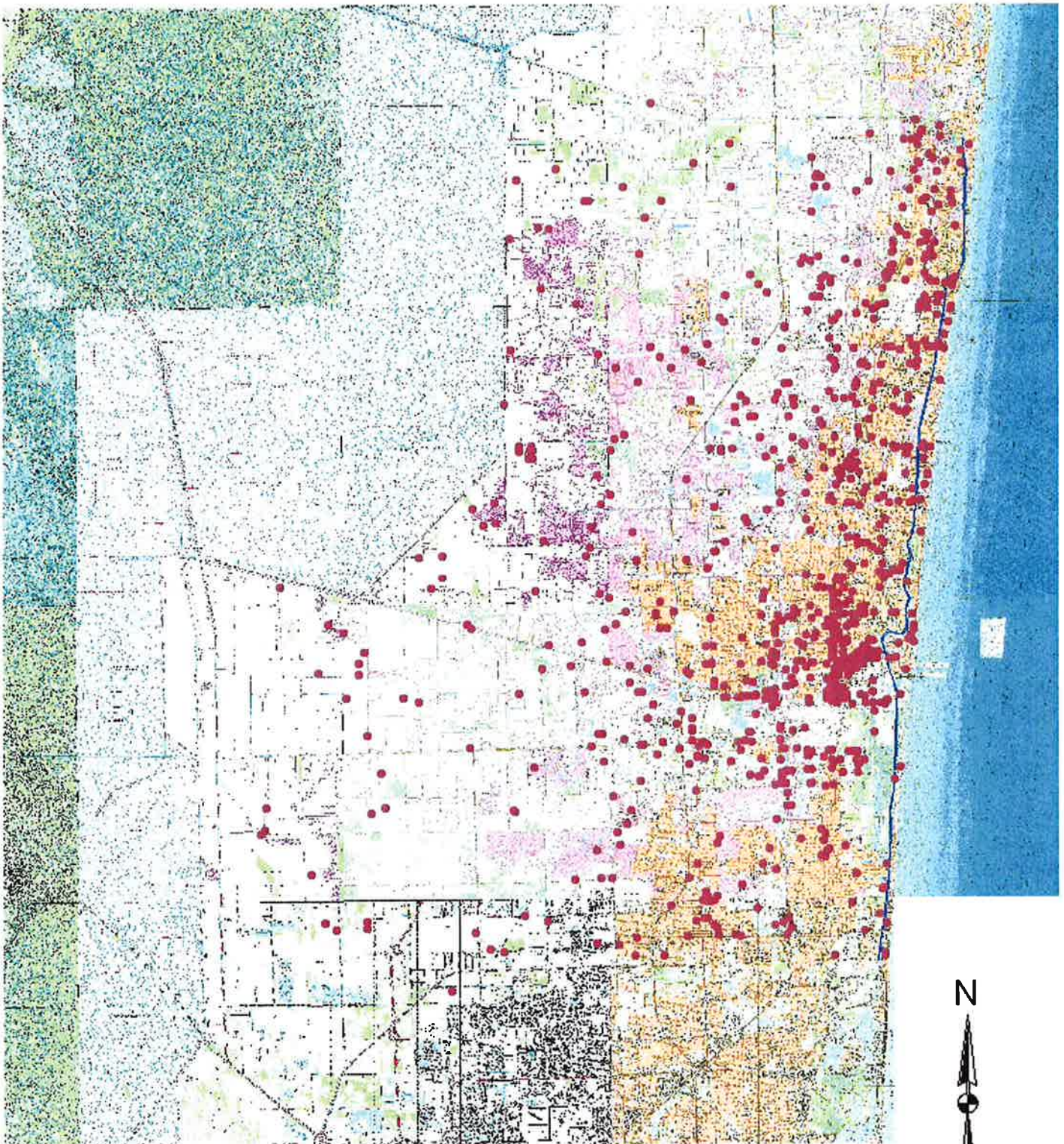
**FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM PROJECTS
IN BROWARD COUNTY
1986-2011**

Riverwalk At Stranahan House	BR-FL-02-60	City Of Fort Lauderdale	\$398,500.00	\$797,000.00
Keeping Waterways Safe For Boating	BR-FL-03-64	City Of Fort Lauderdale	\$155,000.00	\$310,000.00
Riverwalk At Stranahan House - Stage I I	BR-FL-03-65	City Of Fort Lauderdale	\$145,000.00	\$313,400.00
Riverwalk South Regional Park - Phase I I I	BR-FL-04-70	City Of Fort Lauderdale	\$922,500.00	\$2,000,000.00
New River Floating Dockage	BR-FL-05-73	City Of Fort Lauderdale	\$50,000.00	\$100,000.00
New River Floating Day Dockage For Small Boats- Ph	BR-FL-06-76	City Of Fort Lauderdale	\$50,000.00	\$100,000.00
Cooley's Landing Boat Launch Replacement	BR-FL-08-82	City Of Fort Lauderdale	\$218,545.00	\$437,090.00
S.E. 15th Street Boat Launch & Marine Complex - Ph	BR-FL-08-83	City Of Fort Lauderdale	\$120,000.00	\$240,000.00
New River Floating Dock Day Dockage For Small Boa	BR-FL-09-86	City Of Fort Lauderdale	\$506,560.00	\$1,013,120.00
S.E. 15th Street Boat Launching & Marina Complex-pl	BR-FL-09-87	City Of Fort Lauderdale	\$876,906.00	\$2,283,156.00
S.W. 7th Avenue Boat Docks	BR-FL-89-4	City of Ft. Lauderdale	\$150,000.00	\$540,000.00
Fire/Rescue Boat	BR-FL-89-5	City of Fort Lauderdale	\$30,000.00	\$71,200.00
Birch/Las Olas Marina Expansion	BR-FL-90-10	City of Ft. Lauderdale	\$80,000.00	\$160,000.00
Cooleys Landing	BR-FL-90-7	City of Ft. Lauderdale	\$96,800.00	\$472,652.00
Waterway Signage	BR-FL-90-9	City Of Fort Lauderdale	\$23,500.00	\$23,500.00
Birch/ Las Olas Marine Expansion - Phase I	BR-FL-91-13	City of Fort Lauderdale	\$94,000.00	\$188,000.00
New World Aquarium, Inc. Broward's Env. Edu. Ctr.	BR-FL-91-15	City of Fort Lauderdale	\$40,000.00	\$167,300.00
New World Aquarium (Project Expired)	BR-FL-93-22	City Of Fort Lauderdale	\$25,000.00	\$250,000.00
New River Dredging - Phase I	BR-FL-94-24	City Of Fort Lauderdale	\$75,000.00	\$266,128.00
Birch/ Las Olas Docking Facility Expansion	BR-FL-94-25	City Of Fort Lauderdale	\$200,000.00	\$2,000,000.00
New River Dredging - Phase I I I (Agreement Expired)	BR-FL-95-26	City Of Fort Lauderdale	\$85,000.00	\$585,000.00
Las Olas Docking Facility Comfort Station	BR-FL-95-27	City Of Fort Lauderdale	\$375,000.00	\$1,010,750.00
Bonnet House Waterways Project (Terminated)	BR-FL-95-28	City Of Fort Lauderdale	\$62,500.00	\$125,000.00
S.E. 15th Street Boat Ramp Replacement	BR-FL-96-35	City Of Fort Lauderdale	\$50,000.00	\$100,000.00
George English Park Boating Facilities	BR-FL-98-43	City Of Fort Lauderdale	\$245,000.00	\$490,000.00
New River Dredging - Phase I I I	BR-FL-98-44	City Of Fort Lauderdale	\$750,000.00	\$1,000,000.00
North Fork Of The New River Dredging	BR-FL-99-47	City Of Fort Lauderdale	\$19,440.00	\$21,600.00
Waterway Cleaning and Improvement Program	BR-HA-90-8	City of Hallandale	\$25,000.00	\$50,000.00
Marine Patrol Equipment	BR-HA-98-45	City Of Hallandale	\$6,000.00	\$33,000.00
Hallandale Beach Public Dockage - Phase I	BR-HB-04-71	City Of Hallandale Beach	\$27,000.00	\$54,000.00
Hallandale Beach Public Dockage - Phase I I	BR-HB-08-84	City Of Hallandale Beach	\$420,495.00	\$840,990.00
Hillsboro Inlet Channel Deepening (Cancelled)	BR-HID-93-21	Hillsboro Inlet District	\$20,500.00	\$1,728,700.00
Hillsboro Inlet Channel Improvement	BR-HID-99-48	Hillsboro Inlet District	\$927,276.00	\$3,275,000.00
Hollywood Marina Seawall Reconstruction - Part I	BR-HO-01-56	City Of Hollywood	\$272,430.00	\$1,157,600.00
Hollywood Marina Seawall Reconstruction - Phase I I	BR-HO-02-61	City Of Hollywood	\$306,370.00	\$612,740.00
Police Pier Relocation	BR-HO-06-77	City Of Hollywood	\$12,500.00	\$25,000.00
North Lake Dredging & Boating Improv. (Withdrawn)	BR-HO-07-79	City Of Hollywood	\$140,000.00	\$280,000.00

**FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM PROJECTS
IN BROWARD COUNTY
1986-2011**

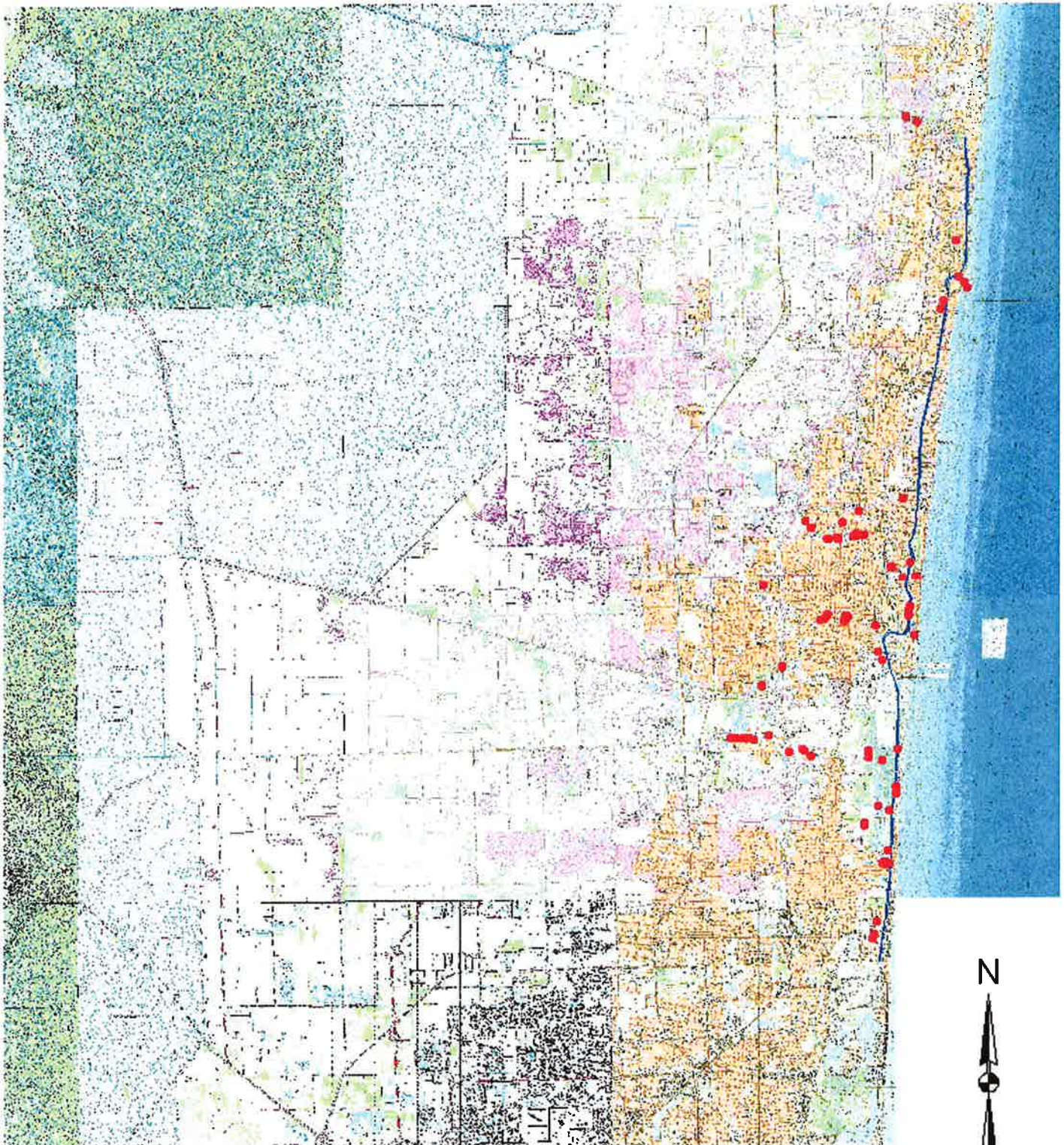
Hollywood Marina Improvements	BR-HO-1	City of Hollywood	\$200,000.00	\$400,000.00
Hollywood Marina Expansion Dredging Project(Resc	BR-HO-93-19	City Of Hollywood Parks & I	\$7,500.00	\$15,000.00
Marina Signs	BR-HO-95-31	City Of Hollywood	\$7,300.00	\$14,600.00
Intracoastal Waterway Dredging Project	BR-LP-96-34	City Of Lighthouse Point	\$6,440.00	\$12,880.00
N.E. 12 Terrace Boat Ramp Canoe & Kayak Launch	BR-OP-10-91	City Of Oakland Park	\$75,000.00	\$150,000.00
N.W. 39th Street C-13 Canal & Kayak Launch (Withd	BR-OP-10-92	City Of Oakland Park	\$175,000.00	\$350,000.00
Hillsboro Inlet Marina (Expired)	BR-PB-00-51	City Of Pompano Beach	\$283,000.00	\$588,400.00
Hillsboro Inlet Marina Facilities - Phase I	BR-PB-01-57	City Of Pompano Beach	\$19,500.00	\$78,000.00
Hillsboro Inlet Marina Facilities - Stage I I	BR-PB-02-62	City Of Pompano Beach	\$414,500.00	\$829,000.00
Hillsboro Inlet Marina Seawall	BR-PB-10-93	City Of Pompano Beach	\$51,775.00	\$162,750.00
Alsdorf Park Improvements - Phase 2	BR-PB-98-41	City Of Pompano Beach	\$195,750.00	\$396,700.00
North Beach Park - Phase I	BR-PD-88-3	Broward County	\$200,000.00	\$1,275,000.00
Harbors Edge Park	BR-PO-87-2	City of Pompano Beach	\$110,000.00	\$220,267.10
Middle River Maintenance Project - Phase I	BR-WM-03-66	City Of Wilton Manors	\$37,500.00	\$75,000.00
Middle River Dredging - Phase I I	BR-WM-05-74	City Of Wilton Manors	\$213,276.00	\$426,552.00
Richardson Estate Park Dock & Facilities	BR-WM-05-75	City Of Wilton Manors	\$123,500.00	\$265,000.00
Snook Creek Boat Ramp	BR-WM-07-80	City Of Wilton Manors	\$325,000.00	\$650,000.00
Navigation Channel Dredging & Signage - Phase I	BR-WM-94-23	City Of Wilton Manors	\$9,300.00	\$11,640.00
Public Navigation Channel Dredging - Phase I I	BR-WM-95-30	City Of Wilton Manors	\$57,600.00	\$107,600.00
TOTALS			\$17,325,254.00	\$44,466,919.10

LOCATION MAP



**BROWARD COUNTY
MARINE RELATED BUSINESSES**

LOCATION MAP



**BROWARD COUNTY
WATERWAYS ASSISTANCE PROGRAM PROJECTS**

INITIAL BID LIST

DANIA CUT OFF CANAL DEEPENING PROJECT

September 27, 2011

<u>BIDDER</u>	<u>BASE COST</u>	<u>ALTERNATIVE BID COST</u>
Beau/Cont JV	\$10,042,500.00	\$736,800.00
Brown Dredging	\$8,443,343.66	\$680,319.38
LUCAS MARINE	\$6,306,690.00	\$434,400.00

DANIA CUT OFF CANAL DEEPENING PROJECT

ENGINEERS ESTIMATE AND BID SCHEDULE

BID ITEMS	ENGINEERS ESTIMATE	LUCAS/CASHMAN	ORION	BEAN/CONTI
Insurance	\$27,452.00	\$60,000.00	\$59,547.83	\$50,000.00
Mobilization/Demob	\$686,308.00	\$1,132,000.00	\$1,361,690.49	\$1,618,950.00
Env. Protection	\$171,577.00	\$26,000.00	\$144,625.06	\$65,000.00
Turbidity, Water Quality and Erosion Control	\$135,804.00	\$300,000.00	\$296,915.56	\$550,000.00
Manatee Observation	\$29,600.00	\$90,000.00	\$195,638.42	\$55,000.00
DMMA Construction & restoration	\$70,996.00	\$1,286,000.00	\$1,490,053.86	\$655,000.00
Burial of Overhead Utility Line	\$36,225.00	\$40,000.00	\$40,000.00	\$40,000.00
Surveys and record drawings	\$84,550.00	\$100,000.00	\$117,472.39	\$65,000.00
Security fencing	\$43,715.00	\$67,310.00	\$129,915.14	\$55,000.00
Clearing Grubbing & Grassing	\$66,613.00	\$41,400.00	\$109,389.60	\$106,800.00
Brazilian Pepper removal	\$10,364.00	\$94,080.00	\$169,854.41	\$147,000.00
Dredging	\$3,402,695.00	\$1,845,000.00	\$3,186,725.00	\$4,920,000.00
Dewatered Material Transport Off Site	\$738,000.00	\$1,102,900.00	\$851,980.00	\$1,353,000.00
Dewatered Material Transport On Site	\$71,750.00	\$41,000.00	\$201,310.00	\$276,750.00
Debris removal & Disposal	\$0.00	\$1,000.00	\$8,225.90	\$5,000.00
Port Security	\$0.00	\$80,000.00	\$80,000.00	\$80,000.00
TOTALS	\$5,575,649.00	\$6,306,690.00	\$8,443,343.66	\$10,042,500.00

PORT EVERGLADES BIRTHS 31/32 DREDGING PROJECT


BID SCHEDULE

BID ITEMS	LUCAS/CASHMAN	ORION	BEAN/CONTI
Indemnification	\$5,000.00	\$1,000.00	\$1,000.00
Bond Premium	\$60,000.00	\$5,819.12	\$7,000.00
Mobilization/Demob	\$85,000.00	\$72,354.26	\$250,000.00
Mechanical Dredging	\$119,700.00	\$289,980.00	\$180,000.00
Disposal of Dredge Material	\$58,500.00	\$45,315.00	\$166,500.00
Debris Removal & Disposal	\$8,000.00	\$92,431.20	\$30,000.00
Tire/Fender Removal	\$6,000.00	\$63,829.80	\$25,500.00
Mandatory Lay Time	\$67,200.00	\$90,688.00	\$56,000.00
Manatee Observer	\$20,000.00	\$8,934.00	\$8,600.00
Manatee Observer Vessel	\$5,000.00	\$9,968.00	\$12,200.00
TOTALS	\$434,400.00	\$680,319.38	\$736,800.00

BID EVALUATION SCORES

Evaluator	Lucas/Cashman	Bean/Conti	Orion
Adams	63	61.3	33.2
Blow	72.5	58.3	36.2
Chappell	92	81.3	83.2
Crowley	95	79	85
Roach	84	68.3	44.7
Averages	81.3	69.64	56.46

October 18, 2011

To: FIND Board
From: David Roach 
Subject: Dania Cut Off Canal Minor Bid Irregularities

There were 2 minor irregularities with the referenced bid that staff and the review Committee would like the Board to waive in accordance with the District's rights pursuant to the Acceptance/Rejection of Bids Section of the Project Specifications.

1. Orion omitted pages 5, 6 & 7 of the Bid Form which was a portion of their references. Staff is of the opinion that they did submit enough reference information for their bid to be fairly evaluated. On another portion of their bid documents they submitted 3 other project references that were evaluated. However, because of the lack of some information their score was reduced.
2. Bean/Conti omitted Appendix L, the Port Everglades Bid portion references and equipment list, from their bid package. Staff is of the opinion that they did submit enough reference information for their bid to be fairly evaluated. In another portion of their bid package they submitted references for deepwater dredging and they outlined their deepwater dredging equipment in their work plan.

ACCEPTANCE OR REJECTION OF BIDS

The District reserves the right to reject any and all Bids when (i) such rejection is in the interest of the District; (ii) such Bid is void per se; or (iii) the Bid contains any irregularities, PROVIDED, however, that the District reserves the right to waive any minor irregularities and to accept the most responsive and qualified Bid determined by the District. Determination of the most responsive Bidder will be based upon the Bidder's experience, technical capabilities and price. SECTION 00 21 13A presents the evaluation sheet for ranking Bidders' experience. The bidder must provide references, similar project experience, equipment, and overall project plan to assess the Bidder's overall experience. The District will appoint a review committee to independently review and evaluate the bid proposals and determine the best value to the District.


Following the evaluation of proposals, the District will make a determination as to whether or not the highest rated Bidder's Equipment and Plan are acceptable. If determined unacceptable, the District will review the next ranked Bidder's Equipment and Plan for acceptability. This process will continue until a successful Bidder is determined by the District. Port Everglades will decide whether or not to accept the District's successful Bidder to accomplish the Alternative Bid. Refer to SECTION 00 21 13A Bidder Experience Evaluation Sheet for the assigned point distribution.

Bids will be considered irregular if there are omissions, unauthorized alterations of any forms, additions not called for, conditional or unauthorized alternate Bids, or other irregularities of any kind. The District reserves the right to request a written confirmation of the Bid and the responsibility of the Bidder prior to the awarding of the Contract. Failure of the Bidder to confirm the Bid within seven (7) working days from the date of the District's request may render the Bid unresponsive and will entitle the District to award to the next highest ranked qualified Bidder and may require forfeiture of the Bid Bond.

SECTION 00 41 63

BID FORM

FLORIDA INLAND NAVIGATION DISTRICT

DANIA CUTOFF CANAL DEEPENING PROJECT
BROWARD COUNTY, FLORIDASubmitted on 9/27/11 (Date)Lucas Marine Acquisition Company, LLC
Bidder (Firm Name)3130 SE Slater St., Stuart, FL 34997
Address
Signature of Authorized RepresentativeWade E. Diekman, Vice-President
Name & Title

1. The above signed, as Bidder, hereby declares that the only person or persons interested in the Bid as Principal or Principals is or are named herein and that no other person than herein mentioned that has any interest in this Bid or in the Contract to be entered into; that this Bid is made without connection with any other person, company or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud.
2. The Bidder further declares that he has examined the site and has informed himself fully in regard to all conditions pertaining to that place where the Work is to be done; that he has examined the Project Drawings and Specifications for the Work and Contractual Documents relative thereto. The Bidder also acknowledges that he has read all of the provisions furnished prior to the opening of Bids; and that he has satisfied himself relative to all Work to be performed.
3. If this Bid is accepted, the undersigned Bidder agrees to complete all Work included under the Contract within 270 calendar days (if awarded, the contract length will extend an additional 90 calendar days [total contract length of 360 days] for the alternative bid item) from the date established in the "Notice to Proceed." If the Contractor fails to complete the work within this time the District may obtain the services of another Contractor to complete the Work. Such monies required for the District to complete the Work shall be chargeable to the Contractor.
4. In case of failure on the part of the Contractor to complete the Work within the time fixed in the Contract, or any extension thereof granted, then the Contractor shall be liable to pay the District: (i) not as a penalty but as liquidated damages, \$1,500.00 per day for each calendar day the Work remains incomplete after the expiration of the time limit specified or any extension(s) thereof for the total contract plus (ii) any monies which are paid by the District to any other person, firm or corporation for services rendered for the preservation or completion of the Work. These monies shall include, but are not limited to, all Engineering and Inspection fees required to oversee the completion of the Work. Such monies shall be chargeable to the Contractor and shall be deducted from any monies due said Contractor, or if no money is due or the amount due is insufficient to cover the amount charged, then the Contractor and his Surety shall be liable for said amount. Bidder agrees to perform all the Work described in the Contract Documents for the unit and lump sum prices identified on the following Bid Schedule (located at the end of this section).
5. If this Bid is accepted, it is understood that the terms and conditions of the bid provisions and documents relative thereto, shall be binding upon the parties; however, the undersigned Bidder agrees, upon acceptance and prior to commencement of any Work, to:
 - a. Execute the aforementioned Contract with Florida Inland Navigation District as a written memorial and formalization of said Bid provisions and matters relative.

BID FORM

Section 00 41 63 Page 1 of 10

- b. Provide the necessary Certificates of Insurance, Performance and Payment Bonds (each Bond equal to one hundred percent (100%) of the total Contract Bid), of which this Bid, Instructions to Bidders, General Conditions, Technical Specifications, and Project Drawings shall be made a part for the performance of Work described therein.
 - c. Furnish all necessary materials, equipment, machinery, tools, apparatus, transportation, supervision, labor and all means necessary to construct and complete the Work specified in this Bid and Contract and called for in the Project Drawings, upon "Notice to Proceed with Contract Work" from the Engineer;
 - d. Complete all Contract Work within the time specified in the Bid Form or pay for liquidated damages and cost of supervision for each calendar day in excess thereof according to the terms set forth in the Contract and Specifications.
6. The Bidder understands this Bid does not constitute a Contract with the Bidder, and there is no official Contract binding the parties until:
 - a. bids are reviewed and accepted by the District; and
 - b. applicable Bonds and certificate of insurance are reviewed and accepted by the District; and
 - c. the Contract has been approved by the District; and
 - d. the Contract has been executed by both parties.
7. The undersigned agrees that, in case of failure on his part to execute and deliver the said Contract and the Bonds within fifteen (15) days after receipt of the Contract, the Bid Bond, or securities accompanying his Bid, shall be paid into the funds of Florida Inland Navigation District, otherwise, any Bid Bond or securities accompanying this Bid shall be returned to the undersigned.
8. The Corporation, Partnership or Business name and signature of authorized Corporate Officer, Partner, or Individual making this Bid, together with the signature of the licensee qualifying Bidder, must appear on the signature page of this Bid.
9. The Bidder understands and agrees that he must perform all Work necessary to complete the Work as described in the Project Drawings and Specifications. Payment to the Contractor will be made only for the actual quantities of Work performed and accepted or materials furnished in accordance with the Contract. All Work and materials not specified under "Item" in the Bid shall be considered incidental to the Contract.
10. The Bidder has attached to this Bid an approved Bid Bond, for the sum of ten percent (10%) of the Bid Amount according to the conditions under the Instructions to Bidders and provisions herein.
11. The Bidder, if apparent low Bidder, agrees to provide the following after the bid opening within the time specified herein:
 - a. evidence of the appropriate insurance coverage,
 - b. approved Performance and Payment Bonds for each one hundred (100%) of the Contract Amount according to the conditions under the General Conditions and provisions therein.
 - c. requested credentials, past Work information, and other evidence as requested by the Engineer to verify the ability of the Contractor to perform the Work.
12. Both the Bidder and the licensee shall fill in the information below, pursuant to Chapter 489, Florida Statutes. Licensee is defined as the person who is the licensed Contractor who qualifies the bidding Company, Corporation or Partnership. If the Bidder is an individual, he must be licensed.

(Please print or type)

BIDDER'S NAME: Lucas Marine Acquisition Company, LLCADDRESS: 3130 SE Slater St., Stuart, FL 34997PHONE NUMBER: 772-286-5094FEID OR SOCIAL SECURITY NUMBER: 45-2738262BIDDER'S SIGNATURE, BY: LICENSE NUMBER: CGC1519919LICENSE TYPE*: Certified General Contractor
(Attach copy of license)STATE OR COUNTY: FloridaLICENSE LIMITATIONS, IF ANY: None
(Attach a separate sheet, if necessary)LICENSE SIGNATURE, BY:  SHAWN M. WYATT

*NOTE: To qualify for the Dania Cutoff Canal Deepening project, you must submit a current copy of one of the following: State Certified General Contractor license, State Certified Marine Specialty Contractor license, Broward County Certificate of Competency for General Engineered Construction Builder, or Broward County Certificate of Competency for Specialty Engineered Earthwork Builder--Class C (canals, lakes and waterways).

(If a CONTRACTOR OPERATING
UNDER A TRADE NAME is bidder,
fill in the trade name followed by
signature)

Trade NameBy: SignatureSignatureType or Print Name

(If an INDIVIDUAL is Bidder, sign on this
line.)

By: SignatureSignatureType or Print NameAddress

**STATE OF FLORIDA****DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION****CONSTRUCTION INDUSTRY LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783**

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(850) 487-1395

**WYATT, SHAWN M
LUCAS MARINE ACQUISITION COMPANY, LLC
549 SOUTH STREET
QUINCY MA 02169**

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbecue restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!

**STATE OF FLORIDA AC# 5683410
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION****CGC1519919 08/16/11 110021186****CERTIFIED GENERAL CONTRACTOR
WYATT, SHAWN M
LUCAS MARINE ACQUISITION COMPANY****IS CERTIFIED under the provisions of Ch. 489 FS
Expiration date: AUG 31, 2012 L11081600198**

DETACH HERE

AC# 5683410**STATE OF FLORIDA****DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD****SEQ# L11081600198**

DATE	BATCH NUMBER	LICENSE NBR
08/16/2011	110021186	CGC1519919

The GENERAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2012

**WYATT, SHAWN M
LUCAS MARINE ACQUISITION COMPANY, LLC
549 SOUTH STREET
QUINCY MA 02169****RICK SCOTT
GOVERNOR****KEN LAWSON
SECRETARY**

DISPLAY AS REQUIRED BY LAW

2011-2012 **MARTIN COUNTY ORIGINAL
BUSINESS TAX RECEIPT**
HONORABLE RUTH PIETRUSZEWSKI, TAX COLLECTOR
3485 S.E. WILLOUGHBY BLVD., STUART, FL 34994
(772) 288-5604

LICENSE ~~2012-513-0167~~ CERT ~~CCC1519919~~
PHONE ~~(772) 286-5094~~ SIC NO. ~~236115~~
LOCATION:
3130 SE SLATER ST MAR

CHARACTER COUNTS IN MARTIN COUNTY

PREV YR.	\$.00	LIC. FEE	\$ 26.25
	\$.00	PENALTY	\$.00
	\$.00	COL. FEE	\$.00
	\$.00	TRANSFER	\$.00

TOTAL 26.25

IS HEREBY LICENSED TO ENGAGE IN THE BUSINESS, PROFESSION OR OCCUPATION
OF **GENERAL CONTRACTOR**
AT LOCATION LISTED FOR THE PERIOD BEGINNING ON THE

WYATT, SHAWN/QUAL
LUCAS MARINE ACQUISITION COMP INC
3130 SE SLATER ST
STUART, FL 34997

19 DAY OF AUGUST 20 11
AND ENDING SEPTEMBER 30. 2012

800 2010 02551.0001 PAID



LIMITED LIABILITY COMPANY
(If a **PARTNERSHIP** is Bidder, fill in
name of ~~joint venture~~, followed by
signature of the ~~partners~~ signing)

Lucas Marine Acquisition Company, LLC

Name of Partnership LLC

By:

~~Partner~~ Wade E. Diekman, Vice-President

3130 SE Slater St., Stuart, FL 34997

Business Address of Partnership LLC

(Names and Addresses
of all ~~Partners~~— attach a
separate sheet if necessary)
SEE ATTACHED

(If a **CORPORATION** is Bidder,
fill in the name of the Corporation,
followed by the signature of the
President or Vice President)

(Corporate Seal)

Name of Corporation

By:

President or Vice President

Address of Corporation

Organized under the Laws of the State of _____, and authorized by the law to make
this Bid and perform all Work and furnish materials and equipment required under the Contract Documents.

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the Secretary of the Corporation named as
principal in the within Bid; that _____, who signed the said Bid on behalf of the
Principal, was then _____ of said Corporation; that I know his signature, and his
signature thereto is genuine; and that said bond was duly signed, sealed and attested for and in behalf of said
Corporation by authority of its governing body.

Secretary

(Corporate Seal)



Lucas Marine Acquisition Company, LLC

Delaware Limited Liability Company
Registered to do business in Florida
Federal ID # 45-2733702
D & B # 626935444

Type of Business: Marine Construction / Taxable

Principals:	Dale Pyatt, Manager	3130 SE Slater Street
	Jay Cashman, Manager	Stuart, FL 34997
		(772) 286-5094
Officers:	Vice-President	Wade Dickman
		3130 SE Slater Street
		Stuart, FL 34997
		(772) 286-5094
	Vice-President	James K. Gillen
		3130 SE Slater Street
		Stuart, FL 34997
		(772) 286-5094



Lucas Marine Acquisition Company, LLC

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Lucas Marine Acquisition Company, LLC
549 South Street
Quincy, MA 02169
Phone: 617-890-0600


CERTIFICATE OF AUTHORITY

At a meeting of the Board of Directors of Lucas Marine Acquisition Company, LLC, held on September 15, 2011 at the office of the company at 3130 S.E. Slater Street, Stuart, FL 34997, at which all the Directors were present or waived notice, it was:


VOTED, that Mr. Wade E. Diekman, Vice President of this company be authorized to execute bidding documents, proposal documents, contracts and bonds in the name and behalf of said company, and affix its corporate seal thereto; and such execution of any contract or obligation in this company's name on its behalf by such officers and authorized representatives under seal of this company shall be valid and binding upon this company.

A true copy,

ATTEST:


Dale H. Pyatt, Manager

I hereby certify that I am the Manager of Lucas Marine Acquisition Company, LLC, that Mr. Wade E. Diekman is duly elected authorized representative of said company, and that the above vote has not been amended or rescinded and remains in full force and effect as of this date.

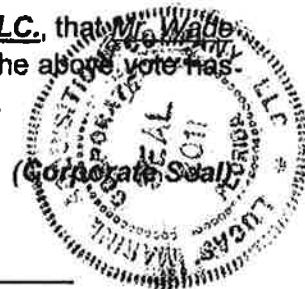
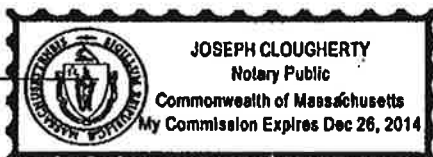

Dale H. Pyatt, Manager

9/23/2011
Date

STATE OF Massachusetts
COUNTY OF Norfolk §

Before me, the undersigned, on this 23RD day of SEPTEMBER, 2011, personally appeared Dale H. Pyatt, the Manager of Lucas Marine Acquisition Company, LLC, known to me to be the person whose name is subscribed to the foregoing instrument, and upon his oath acknowledged to me that he executed the same for the purposes and consideration therein expressed and in the capacity therein stated.


NOTARY PUBLIC



REFERENCES

Provide the names, addresses, and telephone numbers of three (3) clients (former or current) who can attest to your company's experience in work similar in nature to the Work required to construct this project in the spaces provided below.

FIRM NAME: General Electric

ADDRESS: 381 Broadway Building 40-2, Ft. Edward, NY

CONTACT PERSON: Timothy Kruppenbacher

TELEPHONE NUMBER: (518) 746-5700

FIRM NAME: US Army Corps of Engineers

ADDRESS: 696 Virginia Rd., Concord, MA

CONTACT PERSON: Bob Casoli

TELEPHONE NUMBER: (978) 318-8223

FIRM NAME: NAVFAC Mid Atlantic

ADDRESS: 9742 Maryland Avenue, Norfolk, VA

CONTACT PERSON: Page Neale

TELEPHONE NUMBER: (757) 847-7958

****Also see attached project information sheets. Please feel free to contact any reference listed.**

SIMILAR PROJECTS

Provide descriptions of at least six (6) projects of a similar nature (three including the use of an environmental clamshell and three other mechanical dredging projects) that the Bidder has completed in the last seven (7) years or currently has under way in the spaces provided below. For each project, explain why it is relevant, problems encountered, actions taken to correct problems, and any environmental impacts that were encountered. If additional spaces are needed, make copies of this form.

**SEE ATTACHED PROJECT INFORMATION SHEETS FOR DETAILS

ENVIRONMENTAL CLAMSHELL PROJECTS

PROJECT NAME: SEE ATTACHED

OWNER'S NAME: _____

CONTACT PERSON: _____ TELEPHONE: _____

START DATE: _____ COMPLETION DATE: _____

DESCRIPTION: _____

PROJECT NAME: SEE ATTACHED

OWNER'S NAME: _____

CONTACT PERSON: _____ TELEPHONE: _____

START DATE: _____ COMPLETION DATE: _____

DESCRIPTION: _____

PROJECT NAME: SEE ATTACHED

OWNER'S NAME: _____

CONTACT PERSON: _____ TELEPHONE: _____

START DATE: _____ COMPLETION DATE: _____

DESCRIPTION: _____

MECHANICAL DREDGING PROJECTS

PROJECT NAME: SEE ATTACHED

OWNER'S NAME: _____

CONTACT PERSON: _____ TELEPHONE: _____

START DATE: _____ COMPLETION DATE: _____

DESCRIPTION: _____

PROJECT NAME: SEE ATTACHED

OWNER'S NAME: _____

CONTACT PERSON: _____ TELEPHONE: _____

START DATE: _____ COMPLETION DATE: _____

DESCRIPTION: _____

PROJECT NAME: SEE ATTACHED

OWNER'S NAME: _____

CONTACT PERSON: _____ TELEPHONE: _____

START DATE: _____ COMPLETION DATE: _____

DESCRIPTION: _____

EQUIPMENT

Provide the specifications on the following equipment owned or leased by the Bidder required to complete the job within the permit limits. The Contractor will not be allowed to substitute equipment from the list without owner approval.

ENVIRONMENTAL CLAMSHELL BUCKETBUCKET TYPES/SIZES: Cable Arm environmental clamshell buckets - 1CY, 2CY, 5CY (owned)**MECHANICAL DREDGE**DREDGE DIMENSIONS (including draft and freeboard): CAT385 excavator mounted on
40x80x7 Flexi-Float (leased) 3' draft, 4' freeboardTOTAL HORSEPOWER: ~500HP**BARGES**DIMENSIONS (including draft and freeboard): 195x35, 1500CY hopper barges (owned/leased)ASSURANCES OF NO LEAKS: No leaks**MAJOR FLOATING PLANT/EQUIPMENT**MAKE/MODEL: See above

DATE OF MANUFACTURE: _____

HORSEPOWER: _____



SECTION 00 41 63A

BID SCHEDULE

ALL BID ITEMS SHALL INCLUDE ALL COSTS FOR FURNISHING TO THE OWNER ALL MATERIALS, EQUIPMENT AND SUPPLIES, PERMITS, AND FOR ALL COSTS INCURRED IN PROVIDING ALL WORK SHOWN ON THE DANIA CUTOFF CANAL DEEPENING PROJECT DRAWINGS AND OUTLINED IN THE CONTRACT SPECIFICATIONS FOR THE CONSTRUCTION.

BASE BID ITEMS

ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT COST	TOTAL COST
LUMP SUM					
0001	Insurance	LS	1	60,000.00	60,000.00
0002	Mobilization/Demobilization	LS	1	1,132,000.00	1,132,000.00
0003	Environmental Protection	LS	1	26,000.00	26,000.00
0004	Turbidity, Water Quality, and Erosion Control	LS	1	300,000.00	300,000.00
0005	Manatee Observation	LS	1	90,000.00	90,000.00
0006	Dredged Material Management Area Construction, Operation, and Restoration	LS	1	1,286,000.00	1,286,000.00
0007	Surveys and Record Drawings	LS	1	100,000.00	100,000.00
0008	Security Fence and Gate Installation and Repair	LS	1	67,310.00	67,310.00
UNIT COST					
0009	Clearing, Grubbing, and Grassing	AC	6	6,900.00	41,400.00
0010	Brazilian Pepper Removal	AC	2.94	32,000.00	94,080.00
0011	Dredging	CY	102,500	18.00	1,845,000.00
0012	Dewatered Dredged Material Off-Site Transport	CY	82,000	13.45	1,102,900.00
0013	Dewatered Dredged Material On-Site Transport	CY	20,500	2.00	41,000.00
0014	In-Channel Subaqueous Debris Removal and Disposal	TONS	5	200.00	1,000.00
ALLOWANCE ITEMS					
0015	Port Security - Background Checks, Identification Badges, applicable Dockside Permits, and Security Personnel	LS	1	80,000.00	80,000.00
0016	Burial of Overhead Utility Line	LS	1	40,000.00	40,000.00

TOTAL BASE BID (ITEMS 0001 THRU 0016) \$ 6,306,690.00

ALTERNATIVE BID ITEMS

ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT COST	TOTAL COST
LUMP SUM					
0017	Indemnification	LS	1	\$ 5,000.00	\$ 5,000.00
0018	Bond Premium	LS	1	\$ 60,000.00	\$ 60,000.00
0019	Mobilization/Demobilization	LS	1	\$ 85,000.00	\$ 85,000.00
UNIT COST					
0020	Mechanical Dredging to Achieve Minimum Specified Dredge Depth at Berth 31/32 Area and transporting and offloading of dredge material at the Southport spoil area	CY	4,500	\$ 26.60	\$ 119,700.00
0021	Disposal of Dredge Spoil Material	CY	4,500	\$ 13.00	\$ 58,500.00
0022	Subaqueous Debris Removal and Disposal	TONS	40	\$ 200.00	\$ 8,000.00
0023	Tire/Fender Removal Unusable by Port	TONS	30	\$ 200.00	\$ 6,000.00
0024	Mandatory Lay Time	HOURL	80	\$ 840.00	\$ 67,200.00
0025	Manatee Observer	HOURL	200	\$ 100.00	\$ 20,000.00
0026	Manatee Observer Vessel	HOURL	100	\$ 50.00	\$ 5,000.00

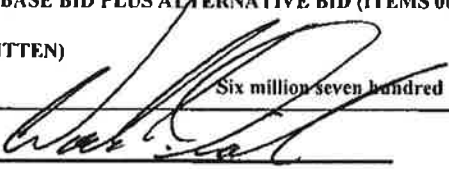
TOTAL ALTERNATIVE BID (ITEMS 0017 THRU 0026) \$ 434,400.00

AMOUNTS SHALL BE SHOWN IN BOTH WORDS AND NUMBERS. IN CASE OF DISCREPANCIES, THE AMOUNT SHOWN IN WORDS SHALL GOVERN FOR EACH BID ITEM AND TOTAL BID.

TOTAL BASE BID PLUS ALTERNATIVE BID (ITEMS 0001-0026) \$ 6,741,090.00

TOTAL BID (WRITTEN)

Six million seven hundred forty-one thousand ninety dollars and no cents

Signature of Bidder: 

Date: 9/27/2011

Notes:

- (1) Quantities are estimated. Actual quantities may vary.
- (2) All bids must be for the entire work and must have each blank space completed.
- (3) Alternative Bid Item award is under the sole discretion of Port Everglades.

Bidder has to sign below that they have read and understood all addendums related to this project. Failure to acknowledge any addendum issued may disqualify the Bidder.

Addendum No.1	Date of Receipt: 8/30/11
Addendum No.2	Date of Receipt: 9/20/11
Addendum No.3	Date of Receipt:

NOTICE TO ALL BIDDERS

- 1 The District reserves the right to waive any informality in any bid, to reject any and all bids, and to delete any part of any of the above items.
Changes in the Contract Price and Contract Time require prior authorization in writing from the District and the Engineer, in the form of a Change Order or Work Change Directive. The Contractor is responsible for verification
- 2 of all bid quantities and to report to the Engineer any discrepancies found prior to ordering materials and or equipment for construction.
Bid prices for the various work items are intended to establish a total price for completing the project in its entirety. The Contractor shall include in the Bid, any item for which a separate pay item has not been established in the Bid
- 3 Form (under any related pay item), to reflect the total price for completing the project in its entirety.
- 4 Quantities shown are estimated. Actual quantity may vary due to estimated excavation or fill.
- 5 Contractor shall meet requirements of all applicable permits and codes (in their current edition).
- 6 The Contractor must attach a certified acceptance letter of from the identified site owner (of the Final Disposal Location) indicated in the Bid Form (Section 00 41 63).
- 7 All fees associated with receiving and disposing of the material is included in the overall bid price. The District will not be responsible for any of these fees after the fact.
The Port has first right of refusal on all material placed within the DMMA site on their property The securement of an off-site location is in the event that the Port does not wish to keep the material. For the purpose of this bid, we
- 8 have assumed 80% material of the total volume of dewatered dredged material will be transferred off-site (Bid Item No. 0012) and 20% of material will be trucked to a permanent disposal location on the Port property (Bid Item No. 0013).

Bidder: Lucas Marine Acquisition Company, LLC

By: Wade E. Dickman

Title: Vice-President

Lucas Marine Acquisition Company, LLC

Name of Bidder


Signature of Bidder

Date: 9/27/2011

SECTION 00 45 01

PUBLIC ENTITY CRIME STATEMENT

**SWORN STATEMENT PURSUANT TO SECTION 287.133(3) (a), FLORIDA STATUTES,
ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to Florida Inland Navigation District
by Wade Diekman, Vice-President [print name of the public entity]
[print individual's name and title]
for Lucas Marine Acquisition Company, LLC
[print name of entity submitting sworn statement]
whose business address is: 3130 SE Slater St., Stuart, FL 34997

and (if applicable) its Federal Employer Identification Number (FEIN) is: 45-2733702
(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____.)

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1) (b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or no lo contend ere.
4. I understand that an "affiliate" as defined in Paragraph 287-133(1) (a), Florida Statutes, means:
 - i. A predecessor or successor of a person convicted of a public entity crime, or
 - ii. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

PUBLIC ENTITY CRIMES STATEMENT

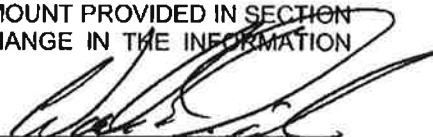
5. I understand that a "person" as defined in Paragraph 287.133(1) (e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
6. Based on information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. [Indicate which statement applies.]

XX Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

 The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

 The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. [Attach a copy of the final order]

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1(ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.



[Signature]
Wade E. Diekman, Vice-President

9/27/11

[Date]

STATE OF Florida

COUNTY OF Martin

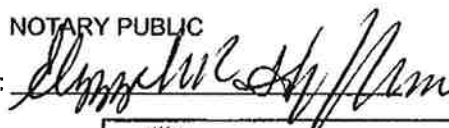
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Wade Diekman who, after first being sworn by me, affixed his/her signature
[name of individual signing]

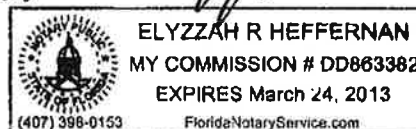
in the space provided above on this 27 day of Sept., 20 11.

NOTARY PUBLIC

My commission expires:



--End of Section--



SECTION 00 73 19A

DRUG-FREE WORKPLACE FORM

The undersigned vendor in accordance with Florida Statute 287.087 (and Chapter 21.31(a) of the Broward County Procurement Code) hereby certifies

That Lucas Marine Acquisition Company, LLC does:
(Name of Business)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation programs, employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, plea of guilty or nolo contendere to, any violation of Chapter 1893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.



Contractor's Signature
Wade E. Diekman, Vice-President

9/27/11

Date

SECTION 00 43 13**BID BOND**

KNOW ALL MEN BY THESE PRESENTS, that we, Lucas Marine Acquisition Company, LLC as Principal and Travelers Casualty and Surety Company of America as Surety, are held and firmly bound unto Florida Inland Navigation District, in the penal sum of Ten Percent (10%) of Amount Bid ---- dollars (\$ ---10% ---) lawful money of the United States, not less than 10% of the amount of the bid amount, for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THE OBLIGATION IS SUCH, which whereas the Principal has submitted the accompanying bid, dated September 27, 2011 for the Contract and Specifications for the Dania Cutoff Canal Project.

NOW, THEREFORE, if the Principal:

1. Does not withdraw said Bid within thirty (30) calendar days after date of opening of the same, and
2. Within fifteen (15) calendar days after the prescribed Contract forms are presented to the Contractor:
 - a. Enters into a written Contract with Florida Inland Navigation District, in accordance with the Bid, as accepted; and
 - b. Provides evidence of insurance in the manner specified by the Florida Inland Navigation District;
 - c. Gives a Payment Bond and a Performance Bond as specified in the General Conditions (or, in lieu of the Payment Bond or Performance Bond, provides an alternate form of security as specified in the General Conditions).
3. Or in the event to fully comply with all of the foregoing, if the Principal pays the District the difference between the amount specified in said Bid and the amount for which the District may procure the required Work and/or supplies if the latter amount be in excess of the former, then the above obligations shall be void, and of no effect, otherwise to remain in full force and effect.

DATED ON September 21, 2011.

WHEN THE PRINCIPAL IS AN INDIVIDUAL:

Signed, sealed, and delivered in the presence of:

(Witness) By: _____
(Individual Principal)

(Witness) Business Address _____

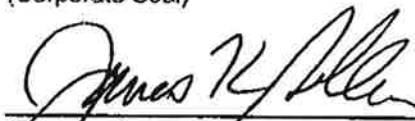
WHEN THE PRINCIPAL IS A CORPORATION: LIMITED LIABILITY CO.

ATTEST:

LUCAS MARINE ACQUISITION COMPANY, LLC
(Corporate Principal)

(Corporate Seal)

3130 SE Slater Street, Stuart, FL 34997
Business Address


(Secretary) VICE PRESIDENT
JAMES K. GILLEN

By: 
VICE-PRESIDENT

Wade E. Dickman
Vice-President

WHEN THE PRINCIPAL OPERATES UNDER A TRADE NAME:

Signed, sealed, and delivered in the presence of:

(Witness) Business Name and Address _____

(Witness) By: _____
(Signature of Individual)

WHEN THE PRINCIPAL IS A PARTNERSHIP:

Signed, sealed, and delivered in the presence of:

(Witness) (Name and Address of Partnership) _____

(Witness) By: _____
(Partner)

ATTEST:

TRAVELERS CASUALTY AND SURETY COMPANY
OF AMERICA

(Surety Seal)

(Corporate Surety)

350 Granite Street, Suite 1201, Braintree, MA 02184

Business Address



(Secretary)

By:



(Surety) Maria Chaves, Attorney-in-fact



Florida Resident Agent Joseph Michael Pietrangelo #A207358

(Surety shall provide evidence of signature authority, i.e., a certified copy of Power of Attorney.)

NOTE: If both the Principal and Surety are Corporations, the respective Corporate Seals should be affixed and attached.

--End of Section--

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TRAVELERS**POWER OF ATTORNEY**

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company

Attorney-In Fact No. 223775

Certificate No. 004494228

KNOW ALL MEN BY THESE PRESENTS: That St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company and St. Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota, that Farmington Casualty Company, Travelers Casualty and Surety Company, and Travelers Casualty and Surety Company of America are corporations duly organized under the laws of the State of Connecticut, that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Mark P. Herendeen, Kevin A. White, Jean M. Feeney, Jean Correia, Susan M. Kedian, Maria Chaves, and Warren A. McGrath

of the City of Boston, State of Massachusetts, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 26th day of August, 2011

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company



State of Connecticut
 City of Hartford ss.

By: George W. Thompson
 George W. Thompson, Senior Vice President

On this the 26th day of August, 2011, before me personally appeared George W. Thompson, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
 My Commission expires the 30th day of June, 2016.



Marie C. Tetreault
 Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 21st day of September, 2011.

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

Kevin E. Hughes
Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

SECTION 00 45 02

AFFIDAVIT FOR SURETY COMPANY

TO: Florida Inland Navigation District

RE: Contract Name: Dania Cutoff Canal Deepening Project

BIDDER: _____

Name: Lucas Marine Acquisition Company, Inc.

Address: 3130 SE Slater Street, Stuart, FL 34997

Phone: (772) 286-5094

AMOUNT OF BOND: Ten Percent (10%) of Amount Bid

SURETY COMPANY: _____

Name: Travelers Casualty and Surety Company of America

Address: 350 Granite Street, Suite 1201, Braintree, MA 02184

Phone: (781) 817-8300

BEFORE ME, the undersigned authority, personally appeared the AFFIANT, who being duly sworn and says:

- (1) ~~He~~/She is Attorney-in-fact of the Surety Company;
- (2) In accordance with Section 287.0935, Florida Statutes, the Surety Company fulfills each of the following provisions:
 - (a) The Surety Company is licensed to do business in the State of Florida;
 - (b) The Surety Company holds a certificate of authority authorizing it to write surety bonds in Florida;
 - (c) The Surety Company has twice the minimum surplus and capital required by the Florida Insurance Code at the time the invitation to bid is issued;
 - (d) The Surety Company is otherwise in compliance with the provisions of the Florida Insurance Code; and
 - (e) The Surety Company holds a currently valid certificate of authority issued by the United States Department of Treasury under 31 U.S.C. ss. 9304 to 9308.

FURTHER AFFIANT SAYETH NOT.

Signature of AFFIANT: Maria Chaves Date: September 21, 2011
(Officer of Surety Company) Maria Chaves

Title of AFFIANT: Attorney-In-fact

STATE OF Massachusetts

COUNTY OF Suffolk

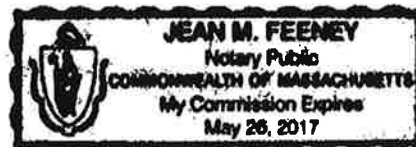
Before me this day personally appeared Maria Chaves, who,
being duly sworn, executed this Affidavit and acknowledged to and before me the truthfulness and accuracy of
the statements in the Affidavit.

SWORN TO AND SUBSCRIBED before me this 21st day of September, 2011, by AFFIANT, who
is personally known to me.

Name: Jean M. Feeney
NOTARY PUBLIC

Commission Expiration Date: May 26, 2017

--End of Section--





POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 223775

Certificate No. 004494218

KNOW ALL MEN BY THESE PRESENTS: That St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company and St. Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota, that Farmington Casualty Company, Travelers Casualty and Surety Company, and Travelers Casualty and Surety Company of America are corporations duly organized under the laws of the State of Connecticut, that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Mark P. Herendeen, Kevin A. White, Jean M. Feeney, Jean Correla, Susan M. Kedian, Maria Chaves, and Warren A. McGrath

of the City of Boston, State of Massachusetts, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 26th day of August, 2011

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: _____

George W. Thompson
George W. Thompson, Senior Vice President

On this the 26th day of August, 2011, before me personally appeared George W. Thompson, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2016.



Marie C. Tetreault
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 21st day of September, 20 11.

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

Kevin E. Hughes
Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

SECTION 00 21 13B

MARINE CONSTRUCTION EXPERIENCE AND
SUBCONTRACTOR/EQUIPMENT QUESTIONNAIRE

PART 1 - GENERAL

1.1 SCOPE

- A. This section describes the minimum marine construction experience required of the Contractor for the project and a questionnaire, which should be completed by the Bidder and submitted as part of their bid. The purpose of the Performance Record and Subcontractor/Equipment Questionnaire is to provide information about the Contractor, subcontractor and major equipment, which will be deployed and used on this project. This information will be used in determining the responsibility of the Bidder for performing the project.

1.2 MINIMUM EXPERIENCE REQUIREMENTS

- A. The work to be performed under this contract requires that the successful Contractor be experienced in marine mechanical dredging in water depths deeper than 40 feet. At a minimum, the Contractor shall have successfully completed one (1) similar type marine mechanical dredging project.
- B. The bidder should complete and submit within three (3) days after requested by the Engineer, the following Performance Record and Questionnaire, which will provide details of its similar marine mechanical dredging experience. This criterion shall be used to determine the responsibility of the bidder.
- C. General Information
1. Contractors License: County No. _____, or State No. CGC1519919
 2. What is the deepest marine mechanical dredge project ever performed by the Bidder (where, when, what quantity of dredge material, type of dredge material, what was the project water depth, and was the project performed from land or was dredging performed from barges)?

Bath Iron Works 75', see attached project information sheet for details

D. Performance Record for Similar Marine Project Completed

1. List Chronologically, starting with the last project, all deep water marine mechanical dredge projects your organization completed which are similar to this project.

Project Name: See attached - project information sheets and project lists

Location: _____

Description: _____

Total Yards Dredged: _____

Dredge Bucket Size (Cu. Yds.): _____

Water Depth: _____

Work Similarities to Port Everglades Project: _____

Contact Name: _____

Address: _____

Telephone: _____

General Contract Amount: _____

Your Percentage: _____

Completion Date: _____

(If more project records forms are needed, please attach additional sheets)

1.3 SUBCONTRACTOR & MAJOR EQUIPMENT TO BE USED ON THE PROJECT

- A. The Bidder should complete and submit, within three (3) days after being requested by the Engineer, the following questionnaire, Parts A, B and C, which will provide details about the subcontractors and major equipment which will be deployed and used on this project. This information will be used in determining the responsibility of the Bidder for performing the project.

- B. Subcontractor(s) to be used on this Project

1. List all subcontractors whose involvement in the project will be 5 percent or more of the total project cost, or any specialty marine subcontractors such as trucking subcontractors, earthwork subcontractors, commercial divers, etc., to be used on this project.

Subcontractor Name: N/A

Subcontractor Address: _____

Subcontractor License(s): _____

Describe work to be Performed by Subcontractor: _____

Subcontractor's Percentage of Total Contract: _____ %

Subcontractor References (Contact name, telephone number and brief project description):

(Note: If more subcontractor forms are needed, please attach additional sheets)

C. List all Major Equipment to be used on this project

Include heavy equipment, cranes, dozers, backhoes, front-end loaders, pile drivers, tugboats, watercraft, and dredging equipment. (Note: Include information on size and type of dredge bucket to be used and whether it has an operable cover. The Contractor should be aware that the Specifications require a 2 ½ cubic yard or larger dredge bucket be used.)

TYPE OF EQUIPMENT	MODEL NO.	SIZE/ CAPACITY	AGE	OWNED, LEASED, OR SUBCONTRACT ITEM
Wood I Dredge*	Lima2400		1996	Owned
Environmental Clamshell Bucket	Cable-Arm	14CY		Owned
195x35 Hopper Barge*		1500CY	1998	Owned
Push Boat*		800HP	1997	Owned
Dozer/Loader				Leased

*See attached equipment information sheets

D. Provide information on the barges and the tugboat to be used on this project:

What size are the barges? Dredge - 135'x50', 195'x35' Hopper BargesWhat tugboat is to be used? 800HP Push Boat

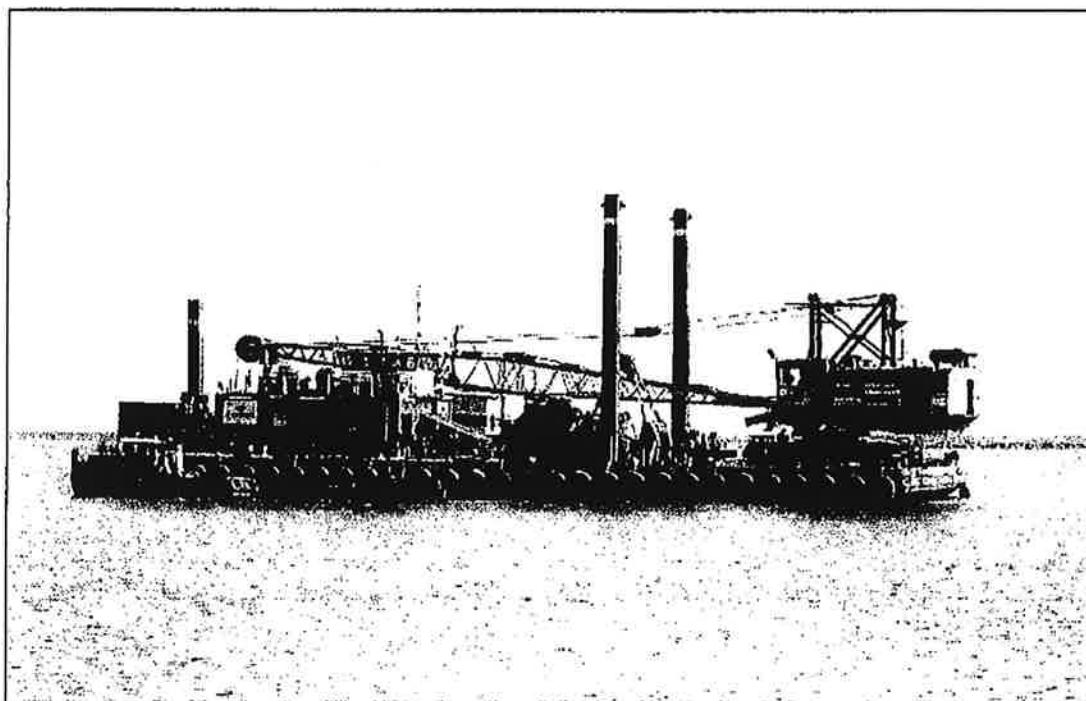
How old are the barges and the tugboat and what are their condition?

Barges: 1996-1998 Good-ExcellentTugboat: 1997 Good-ExcellentWhere are the barges and tugboat located? New York

Are the barges and tugboat equipped with hazard lights or Coast Guard approved marine craft lights?

YesAre the barges owned XX or leased _____.Is the tugboat owned XX or leased _____.How long will it take to move the barges to Port Everglades? 2 weeks**PART 2 - PRODUCTS (Not Used)****PART 3 - EXECUTION (Not Used)****--End of Section--**

WOOD I



TYPE: Bucket Dredge
CLASS: Inland
STERLING #: 09-013
LENGTH 134'
BEAM 50'
DEPTH 11'
GROSS TONAGE: 681
LIGHT DRAFT:
COMPARTMENTS:
BULK HEADS:
SPUD WELLS: (3) 32"
SPUDS: (3) 30" x 90'
CAPACITY:
OTHER: Crew day room and shop area. Precision dredging using GPS positioning system.



www.sterlingequipment.com

555 South Street • Quincy, MA 02169 • Phone: 617-984-0022 • Fax: 617-984-0442

SEI-2003



TYPE: Hopper Barge
CLASS: Inland
STERLING #: 09-142
LENGTH 195'
BEAM 35'
DEPTH 14'
GROSS TONAGE: 802
LIGHT DRAFT:
COMPARTMENTS: 12
BULK HEADS: (2) Longitudinal, (5) Transverse
SPUD WELLS: (4) 24" Square
SPUDS: (2) 24" x 40' Square
CAPACITY: 1500 Tons
OTHER: Vessel is fitted with a bow rake and a square stern.



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EDNA



TYPE: 800 HP Twin Screw Push Boat

CLASS: Inland

STERLING #: 12-015

LENGTH 35'

BEAM 16'

DEPTH 5.5'

GROSS TONAGE: 25

NET TONNAGE 20

YEAR BUILT: 1997

OTHER: Vessel is powered by 2 John Deere 6125 AF75 engines. Rated for 400HP @ 1900 RPM. 4:1 ZFW325 Gears with a Deutz 15KW Generator.



www.sterlingequipment.com

Sterling Equipment, Inc.
Construction Equipment Schedule

Sterling Equipment, Inc. is a Cashman owned company and affiliate of Jay Cashman, Inc. Sterling Equipment leases the equipment to Lucas Marine Acquisition Company, LLC on a first priority basis, making it available to us immediately upon request. If however, a particular piece of equipment is committed to a third party through a long term lease, we have adequate financial reserves to purchase, lease, or otherwise acquire the necessary pieces. This extensive list of well-maintained equipment provides us with the resources necessary to successfully complete the work associated with this project.

MAKE	MODEL	YEAR	TYPE	SERIAL NO.	SIZE/CAPACITY
Arco	215D	1997	Welding Machine	215DARBB	
Cat	375L	1995	Excavator	01JM00133	4.5CY
Cat	330L	1994	Excavator	08TR00569	3CY
Cat	320CL	2004	Excavator	CHPAB01424	1.5CY
Cat	320CL	2004	Excavator	CHPAB01775	1.5CY
Gradall	XL5200	1992	Excavator	521101	2CY
Gradall	XL5200	1995	Excavator	529114	2CY
Airman	AX45	1999	Mini-Excavator	869B020315	
Cat	980G	1998	Loader	2KR02512	7CY
Cat	IT962G	1998	Loader	6PS00374	5CY
Cat	IT938G	1999	Loader	7BS00598	4CY
Cat	216	1999	Skid Steer	4NZ00494	1CY
Cat	446B	1998	Backhoe	5BL1928	2.5CY
Cat	416	1998	Backhoe	1WR3602	2CY
Cat	D6NLX	2004	Dozer	AKM00420	D6
Cat	CS563E	2003	Compactor	VCNG00361	4 TON
Liebherr	R994	1998	Excavator/Dredge	260171	7CY
ABS	1115110	2001	Dredge	1115110	165X50X10.6
Inland	501987	1956	Barge	501987	250X55X12
ABS	1116538	2001	Barge	1116538	260X55X16
ABS	297870	1963	Barge	291870	171X42X16
Inland	251567	1943	Dredge	251567	135X50X11
Inland	N/A	N/A	Dredge	N/A	135X39X6.5
Blount Machine (Whizzer)	Tug Boat - 1000	1963	TV8	291926	250hp
Blount Machine (Gunny)	Tug Boat	1983	Tug	655165	1200hp
Portland Tugboats (Pushy)	Tug Boat	1992	Pushboat	985628	500hp
Inland	Spud	1945	Barge	553250	132.5'X45'X9'
Inland	Deck		Barge	N/A	120'X42'X9'
Inland	Deck	1967	Barge	553477	191.9'X45'X12'
Inland	Deck	1991	Barge	974103	220'X54'X14'
Inland	Deck	1969	Barge	523402	160'X54'X12.6'
Inland	Deck	1975	Barge	562512	200'X56'X13.4'
Inland	Dump Scow	1956	Dump Scow	501987	250'X55'X11.6'

MAKE	MODEL	YEAR	TYPE	SERIAL NO.	SIZE/CAPACITY
Inland	Dredge	1943	Dredge	251567	134.9'X50'X11.6
Inland	Deck	1955	Barge		30'X90'
Portabarges			Portabarges		40'X10'X5'(2units)
Inland	Deck		Barge		30'X90'
Inland	Deck	1905	Barge		120'X42'X9'
Inland	Deck	1979	Barge	1065891	120'X30'X7'
Inland	Deck	1969	Barge	518830	140'X39'X9'
Inland	Deck	1950	Barge		90'X30'X9'
Inland	Spud	1976	Barge	578017	180'X54'X12'
Inland	Deck	1978	Barge	596434	180'X54'X12'
Inland	Crane Barge		Crane Barge		100'X50'X8'
Inland	Hopper	1952	Barge	264140	146'X38'X17'
ABS	Dumpscow	1963	Dump Scow	291870	171'X42.2'X15.9'
Inland	Deck	1969	Barge	523340	160.1'X54.1'X12.6'
Inland	Deck	1976	Barge	575572	150.2'X45'X8.9'
Inland	Spud	1979	Spud Barge	607003	180'X54'X11.4'
Inland	Deck	1969	Barge	518813	140'X39'X8.5'
Inland	Spud	1953	Spud Barge		90'X54'X9'
Inland	Spud	1972	Spud Barge		90'X46'X7'
Inland	Spud	1979	Spud Barge	604950	150'X45'X9'
ABS	Deck	1999	Barge	1084907	140'X29'X9'
ABS	Deck	1999	Barge	1084906	140'X39'X9'
ABS	Spud	1999	Spud Barge	1086278	130'X52'X8'
Inland	Deck	1958	Barge	544013	180'X70'X11'
Workboat			Aluminum		25hp
Workboat			Aluminum		25hp
Workboat			Aluminum		15'
Workboat			Steel		16'
Workboat			Steel		20'
Novurania			MX660 Boat		
Steiger Craft			Survey Boat		23'
Inland	Crane Barge	1976	Crane Barge	574133	150X50X8
Inland	Deck	1967	Barge		120X34X8
Inland	Deck	1976	Barge	D575241	140X36X8.5
Inland	Deck		Barge		120X34X8
Inland	Deck	1972	Barge	552585	140X36X8.5
Inland	Deck		Barge		90X30X9
Inland	Deck	1960	Barge		90X30X9
Inland	Crane Barge		Crane Barge		90X50X8
Inland	Deck		Barge		60X20X6

MAKE	MODEL	YEAR	TYPE	SERIAL NO.	SIZE/CAPACITY
Inland	Spud Barge	1981	Spud Barge	632682	160X54X12
ABS	Spud Barge	2000	Spud Barge		180X54X12
ABS	Spud Barge	2000	Spud Barge	1101985	150X50X10
Inland	Spud Barge	1983	Spud Barge	657292	120X50X8
Inland	Deck	1976	Spud Barge	574481	250X72X16
ABS	Spud Barge	2000	Spud Barge	1101995	180X54X12
ABS	Spud Barge	2000	Spud Barge	1101984	150X50X10
Inland	Spud Barge	1971	Spud Barge	536541	140X40X9
Inland	Spud Barge	1976	Spud Barge	579280	130X45X5.6
ABS	Deck	2001	Dredge	11115110	165X50X10
ABS	Dump Scow	2001	Dumpscow	1116538	260X55X16
ABS	Deck	2002	Barge	1129226	240X54X22
ABS	Barge	1986	Barge	1125690	120X90X19
Inland	Hopper	1982	Hopper Barge	D651483	260X52X12
Inland	Hopper	1982	Hopper Barge	D651484	260X52X12
Inland	Spud Barge	1983	Spud Barge	660849	150X45X9
Inland	Spud Barge	1979	Spud Barge	606345	150X45X9
Inland	Hopper		Hopper Barge		150X37X12
Inland	Hopper		Hopper Barge		150X37X12
ABS	Deck	1977	Barge	588764	210x60x13.5
Loyds	Jack-up	1999	Jackup Barge	1070560	105x78x13
Inland	Deck	1980	Barge	620186	177x50x12.2
Inland	Deck	1980	Barge	623560	177x50x12.2
ABS	Deck	1999	Barge	1090741	180x60x12
ABS	Deck	1999	Barge	1090742	180x60x12
Inland	Dredge	1949	Dredge	506962	180x50x12
ABS	Dredge	2003	Dredge	1151255	185X57X12-901
Inland	Hopper	1982	Hopper Barge	651478	260x52.5x12
Inland	Hopper	1982	Hopper Barge	651516	260x52.5x12
Crew Boat			Crew Boat		
Crew Boat			Crew Boat		
ABS	Dumpscow	2004	Dumpscow	1155238	240x54x22
ICE	80S		Vibratory Hammer		
ICE	815		Vibratory Hammer		
ICE	612		Vibratory Hammer		
ICE	4450		Vibratory Hammer		
Lima	2400	1988	Crane	3598-5B	
Lima	2400	1964	Crane	3445-4A	
Manitowoc	4000 W	1958	Crane	40038	
Grove	Rt 745	1986	Crane	69480	

MAKE	MODEL	YEAR	TYPE	SERIAL NO.	SIZE/CAPACITY
50 Ton P&H	Rt 150	1997	Crane	57705	
50 Ton P&H	Rt 150	1997	Crane	57763	
Manitowoc	4000W	1965	Crane	40027	
Manitowoc	4000W	1965	Crane	40038	
Manitowoc	3900W	1958	Crane	39275	
CAT	375 L	1995	BackhoeExcav.	01 JM00133	
Liebherr	996	1998	Excavator	R 994	
Caterpillar	980 G	1998	Loader	2KR02512	
Caterpillar	IT 38 G	1999	Excavator	7BS00598	
CAT	416	1998	BackhoeLoader	1WR3602	
Gradall	LX5200	1995	Gradall	525135	
CAT	330L	1994	BackhoeLoader	08TR00569	
Aichi	SR602	1991	Manlift		
Airman Mini Excavator	AX45	1999	Mini-Excavator		
Mantis	10010	1992	Crane	100-131	
Mantis	10010	1997	Crane	12010470	
CAT	M318C	2004	Excavator - Rubber	BCZ748	
CAT	320L	2004	Excavator	CAT0320CHPABO1956	
CAT	320L	2004	Excavator	CAT0320CHPABO1424	
CAT	980H	2005	Excavator	JMS00343	

Cashmen Completed Projects

Project Description & Contract No.	Location	Type of Work	Original Contract Value	Final Contract Value	Start Date	Completion Date	Owner/Prime Contractor	Owner Address	Owner Contact Person	Owner Telephone Numbers	Owner Fax Numbers
Maintenance Dredging, Kennebec River, Vicinity of Doubting Point and Popham Beach - W612WJ-11-B-0002-0001	Bath and Phippsburg, ME	Environmental Assessment for U.S. Army Corps of Engineers, New England District performing maintenance dredging of the Kennebec River Federal navigation project. The proposed work involves maintenance dredging of two portions (and advances maintenance dredging in one of those two portions) of the authorized 27-foot deep, 500-foot wide Federal Navigation Project. The Corps is proposing to dredge in the vicinity of Doubting Point, just below Bath, and at the mouth of the river near Popham Beach. About 70,000 cubic yards of clean sandy material needs to be removed.	\$1,200,800	\$1,861,244	August-11	August-11	Department of Army, New England District, Corps of Engineers	696 Virginia Road, Concord, MA 01742-2751	Susan K. Dunnagan	978.318.8050	978.318.8207
Longboat Key North End Beach Renourishment Project, Bid #10-005	Longboat Key, FL	Beach Renourishment Project. The scope of this project involves the placement of 133,000 cubic yards of beach material, the demolition of an existing retaining wall and beach filling. The Work includes all dredging plant(s), labor, equipment, supplies, and materials to perform all operations in connection with excavating, transporting, placing, grading, and filling of beach fill.	\$3,498,000	\$3,998,880	December-10	August-11	Town of Longboat Key	501 Bay Isles Road, Longboat Key, FL 34228	Gerald Wilson, Purchasing Manager	(941) 316-1943	(941) 316-1656
Dry Tortugas National Park - Visitor Docks Project (Contract No. C3920102059)	Key West, FL	The work consists of constructing new visitor docks at the remote island of location of Dry Tortugas National Park	\$557,447	\$553,447	April-11	June-11	SER - EVER - Everglades National Park, Contracting & Property Management	40001 State Road 9336, Homestead, FL 33094-6733	William W. Leady	305.242.7792	305.242.7795
FY10 Maintenance Dredging, Norfolk Naval Shipyard, Contract No. N40085-10-C-3053	Portsmouth, VA	The work includes bucket dredging of mud and silt material in to dump scows at the Norfolk Naval Shipyard and the Southgate Terminal Annex. Deposition of material via self-dumping scows to the USACE Craney Island Dredged Material Management Area.	\$2,854,707	\$1,980,680	June-10	May-11	Naval Facilities Engineering Command, NAVFAC Mid-Atlantic	9742 Maryland Avenue, Norfolk, VA 23511	Daniel Ford, Contracting Officer	757.396.5121	757.396.5121
Everglades National Park, Dam Replacement, Contract No. C2011100030	Everglades National Park, Monroe County, FL	Replace two failed dams at Cape Sable (East Cape & Homestead Canal Dams). Clearing of vegetation; removal of two existing failed sheet pile wall dams; dam replacement; rip rap installation; downstream erosion protection systems; construction of recreational components, channel markers, mooring buoys, site improvements.	\$5,969,560	\$6,119,056	October-10	March-11	National Park Service, DSC CS Contracting Services Division	12795 W. Alameda Parkway, Lakewood, CO 80228	Tom Murphy, PM	(303) 968-2438	(303) 959-2438
Dredging and Seawall Construction Project	Discovery Bay, Jamaica	Entrance channel dredging and offshore disposal of approx. 122,000cy and docking basin dredging and offshore disposal of approx. 36,000cy. Additionally, this work includes the marine construction of new steel sheetpile bulkhead walls, approx. 330ft, foundation work, and installation of two landside ship bollards	\$2,850,000	\$1,818,887	October-10	January-11	Noranda Jamaica Bantle Partners	Discovery Bay PO, St Ann, Jamaica, W.I.	Mr. Delroy Neviers	876.725.2638	876.725.2626

Cushman Completed Projects

City of Quincy - Southern Tide Mill Restoration - Purchase Order No. 10006554-01	Quincy, MA	Emergency repair and restoration of the Southern Tide Mill. Set on pilings, the rectangular tide gill mill is two-and-a-half stories high. It is of frame construction with a gable roof and an exterior wall material of wood shingles. The south side of the building rests on a cut granite wall while the northern corners of the building rest on granite piers. The dam is of cut granite block with earth fill and extends from the north bridge abutment east to a point approximately opposite the midpoint of the mill's north wall, thence south across the river to the mill.	\$200,000	\$200,000	May-10	December-10	City of Quincy, MA	1305 Hancock Street, Quincy, MA 2169	Gary Cunniff	617.376.1060	617.376.1074
Howland Hook Marine Terminal, Maintenance Dredging and Earth Dredging - Contract No. H4-654.121	Staten Island, NY	Maintenance dredging at the Howland Hook Marine Terminal, including dewatering, processing dredged material, transportation and delivery of the processed dredge material to the off-loading facility at Staten Island, NY	\$2,290,000	\$1,637,634	September-10	November-10	The Port Authority of New York & New Jersey	One Madison Avenue, 7th Floor, New York, NY 10010	Pamela Dunne	718.551.9219	718.727.7598
Kinder Morgan Company	Staten Island Terminal, NY	Maintenance Dredging at Kinder Morgan Staten Island Terminal. Dredge to 32ft plus 1ft as detailed. Approx. 21,983cy	\$3,931,797	\$1,543,885	August-10	October-10	Kinder Morgan Liquids Terminals, LLC	78 Lafayette Street, Carteret, NJ 07008	Roy McNamara	(718) 968-2015	(732) 969-3575
East Chester Creek, Federal Navigation Project, Contract No. W91205-10-C-0016	East Chester, NY	Maintenance dredging of the East Chester Creek, New York with disposal of material at a contractor furnished upland placement site. The work includes coordination and compliance with the transportation, offloading, dewatering, processing, and placement site requirements. Approx. 46,685cy	\$3,070,875	\$2,996,459	June-10	September-10	Department of the Army, New York District Corps of Engineers	26 Federal Plaza, Room 1937, New York, NY 10278	Soon Lew	(917) 790-8531	(917) 790-8531
FY09 Maintenance Dredging Chesatham Annex	Yorktown, VA	The work includes bucket dredging of mud and silt at the Pier CAD A at Chesatham Annex, Yorktown, VA. Disposition of material by scow transport to Shirley Plantation. Approx. 65,000cy.	\$2,903,957	\$2,888,146	July-10	August-10	Naval Facilities Engineering Command, NAVFAC Mid-Atlantic	PWD Yorktown, Spring Road, Building 15, Yorktown, VA 23691-1014	Page Neale	757.847.7955	757.887.4200
Plymouth, MA Yacht Club, Maintenance Dredging 2009	Plymouth, MA	Dredging with an Environmental Bucket, loading in to a bottom dump scow, transportation and disposal of dredge material at the Massachusetts Bay Disposal Site. Approx 6,200 cy	\$376,025	\$376,025	December-09	January-10	Coastal Engineering Company	280 Cranberry Hwy, Orleans, MA 02653	Roy Okunowski	508.255.6511	508.255.6700
Dry-Dock Sinking Basin - Maintenance Dredging, Bath Iron Works Purchase Order No. 000CAGPPO	Bath, ME	Dredge and dispose of dredge spoils from Bath Iron Works dry-dock sinking basin. Approx. 92,000cy	\$2,201,000	\$1,467,637	November-09	December-09	Bath Iron Works, A General Dynamics Company	700 Washington Street, Bath, ME 04530	Pamela Everett	(207) 442-1086	(207) 442-1156
Hudson River Sediment Remediation, Contract 4 - Dredging Operations	Hudson River, NY	Dredging of hazardous materials from the Hudson River and associated waterways, including related activities such as backfilling, capping, and shoreline stabilization; excavation of 275,000cy of contaminated spoils; 18 dredge crews working 24/7 to complete the work in six months working on the largest PCB environmental dredging program in the United States	\$97,848,590	Confidential	April-09	December-09	General Electric Company	381 Broadway, Building 40-2, Ft. Edward, NY 12628	Timothy Kruppenbach	\$18.746.5322	\$18.746.5703
Overlorn-Venetian 138KV Transmission Line Construction Project - PQM4504057-25	Miami Beach, FL	138KV Transmission Line Construction, Marine Construction, Cofferdams, Horizontal Directional Drilling	\$5,813,103	\$5,986,378	February-08	September-09	Florida Power & Light Company	770 Universal Boulevard, Juno Beach, FL 33408	Jeff Depluda	561.894.3164	561.894.4484

Castman Completed Projects

Washington Bridge Reconstruction RDOT Contract No. 2009-CB-061	Providence, RI	Demolish 14 span concrete arch bridge built in 1928; construct 14 span steel plate girder bridge partially founded on the old structure foundation; Pier/substructure construction; earthwork; site preparation; paving; structural steel superstructure construction; formwork and related concrete structure construction; traffic signals; navigation aids; demolition	\$49,293,618	\$51,621,085	February-05	May-09	Rhode Island Department of Transportation	Two Capitol Hill, Providence, RI 02903	Mr. Mike Sudley, Resident Engineer	401.545.2906	401.454.3466
South Boston, D Street Grade Separation - Central Artery/Tunnel Project No. C01A7	Boston, MA	Civil/Roadway Construction	\$7,635,115	\$7,559,634	November-05	April-08	Massachusetts Turnpike Authority	10 Park Plaza, Boston, MA 02116	Jack Wright	617.951.6268	617.342.1002
Maintenance Dredging Phase II, Norwalk Harbor, Contract No. W912WJ-08-C-0012	Norwalk, CT	Maintenance Dredging, Phase II, 6, 10 and 12 foot Channels and 10 foot Anchortages	\$5,006,300	\$4,983,111	October-08	February-09	US Army Corps of Engineers New England District	696 Virginia Road, Concord, MA 01742	Rachael Raposa	978.318.8249	978.318.8207
Grass Island Marina Maintenance Dredging, Contract No. 5112	Greenwich, CT	Grass Island Marina Maintenance Dredging and material transport, 13,000cy	\$1,054,500	\$1,754,595	November-08	January-09	Town of Greenwich, CT	Town Hall, 101 Field Point Road, Greenwich, CT 06830	Fred Walters	203.622.6476	203.622.6476
Woods Hole Bathing Facility Project, Solicitation No. W912WJ-08-B-007	Falmouth, MA	Entrance Channel to Great Harbor Maintenance and Improvement Dredging	\$1,561,410	\$1,721,236	November-08	December-08	US Army Corps of Engineers New England District	696 Virginia Road, Concord, MA 01742	Rachael Raposa	978.318.8249	978.318.8207
New Bedford Harbor CAD Cell 2, Bottom of CAD Cell, Contract No. HDC-FY08-007	New Bedford, MA	Construction of the second confined aqueous disposal cell (CAD Cell #2) via mechanical dredging	\$2,900,000	\$2,900,000	August-08	November-08	Apex Companies, LLC	118 Broad St., Suite 200 Boston, MA 02210	Jay Bokland	617.728.0070	617.728.0077
Massachusetts Turnpike Bridge Deck Replacement Washington Street & Harrison Avenue - MTA Contract No. 063-501	Boston, MA	Bridge Construction/Bridge Deck Rehabilitation	\$7,636,630	\$7,798,732	April-06	November-08	Massachusetts Turnpike Authority	Discoit Engineering Building 668 South Avenue, Weston, MA 02453	Mr. Helmut Ernst	781.431.5015	781.431.5045
Beaver Ridge Wind Project	Freedom, ME	Design and construction of the 4.5-megawatt Beaver Ridge Wind project in Freedom, Maine. The project scope included construction and design of all roads, collector systems, foundations, erection, and commissioning with GE. The project consists of three GE model 1.5 SLE wind turbines on 262-foot (80 m) towers. The turbine rotors are composed of three blades, each 121 feet (37 m) long, contributing to an overall rotor diameter of 252.56 feet (77 m)	\$9,765,826	\$9,765,826	May-08	October-08	Beaver Ridge Wind, LLC	One Shiley Road, Freedom, ME 04104	Andrew Price	207.772.6190	
Station 292 Ledge Removal and Construction of Control House Foundation Contract No. 00041273	Newton, MA	Removal and disposal of ledge. Excavate, form and place concrete for foundations and slab	\$149,049	\$149,049	May-08	October-08	NSTAR Electric Company	One NStar Way, Westwood, MA 02090	Michael Hughes	781.441.3612	
Term Harbor Marina Bulkhead Replacement Project	Weymouth, MA	Removal and Legal Disposal of 500lf of existing wood bulkhead, removal of 500lf of rip rap and debris, Construct and install 500lf of sheet pile bulkhead wall. Pier Construction, Tie-Back installation, Marine Construction and all associated site work	\$1,869,899	\$2,084,606	February-08	September-08	Term Harbor Marina, LLC c/o CLE Engineering, Inc	15 Creek Road, Marion, MA 02736	Wendy Pavae	508.748.0937	508.748.1363

Cashman Completed Projects

Wharf District Parks in the City of Boston - Central Artery/Tunnel Project C3281	Boston, MA	Roadway Construction/Landscape and Roadside Development: 50,000sf of precast pavers, 60,000sf of granite pavers, 40,000sf of sod, thousands of plantings, site furnishings, (12) 35" Architectural light blades, an interactive Water Feature;	\$12,787,500	\$16,320,759	July-05	August-08	Massachusetts Turnpike Authority	Ten Park Plaza, Boston, MA 02116	Jack Wright	617.951.6268	617.342.1002
Steamship Authority Fairhaven Terminal Dredging Project, Contract No. 09-08	New Bedford, MA	Maintenance and improvement dredging in New Bedford Harbor, Fairhaven, MA. Temporary storage of material, removal, filtering and discharge of standing water, and disposal in CAD Cell #1, North of Fish Island	\$1,943,000	\$1,351,610	July-08	August-08	Woods Hole Marine's Vineyard and Nantucket Steamship Authority	1 Railroad Avenue, PO Box 284, Woods Hole, MA 02543	Bill Clouffer	508.548.5011	508.548.5011
Camp Harborview Pier Construction	Boston, MA	Concept and initial design by Cashman; 455 Foot-long pier constructed from Inverset slabs recycled from Boston's Central Artery/Tunnel Project. The use of recycled materials allowed owner to save months of construction in the field and enabled them to afford a stronger pier than anticipated; installation of decking members, IPE cladding and attached utilities was performed off-site while we drove fifty-four 18 inch piles and installed all structural steel headers and bracing on the water.	\$3,570,000	\$3,739,868	January-08	June-08	Suffolk Construction Company	65 Allerton Street, Boston, MA 02119	Angus Leary	617.236.7307	617.236.7548
Gulf Oil Terminal Dredging Contract No. 2008-01	South Portland, ME	Dredging and Off-shore Disposal	\$750,000	\$900,056	January-08	March-08	Gulf Oil Limited Partnership	275 Washington Street, Suite 300, Newton, MA 02458	Robert Rosadini	617.454.9382	617.884.0637
Old Colony Yacht Club Maintenance Dredging	Boston, MA	Maintenance Dredging, 5,000cy	\$1,476,500	\$1,776,500	January-08	March-08	Old Colony Yacht Club	235 Victory Road, Dorchester, MA 02122	Anthony W. Gemellaro	617.436.0513	617.436.0500
PAM Black Marina Terminal Dredging	Cosmians, NY	Maintenance Dredging - 45,000 cy	\$469,250	\$469,250	November-07	December-07	Carver Construction Companies	494 Western Turnpike, Allamont, NY 12209	Carver Laraway	518.817.2989	518.365.8446
Northeast Gateway Energy Bridge Project	Quincy, MA	Off-Shore Marine Construction	\$10,325,000	\$14,414,917	April-07	December-07	Horizon Off-Shore Contractors, Inc.	2500 CityWest Blvd., Houston, TX 77042	Russel Vandiver	713.361.2613	713.361.2613
South Brooklyn Marine Terminal Dredging of the 38th Street Pier	Brooklyn, NY	Removal of sediments unsuitable for open water disposal. The sediments were excavated using an 14cy "cable arm" environmental clam shell style bucket. The sediments were treated with Portland cement in preparation for transportation and the beneficial reuse as capping material at the Fresh Kills Landfill Site in Staten Island, NY.	\$4,840,588	\$4,616,739	September-07	December-07	New York City Economic Development Corporation	110 Williams Street, New York, NY 10036	Len Greco	212.312.3743	212.312.3911
Station Upgrade - Station 292 Newton Mobile Civil and Conduit Site Preparation - Contract No. 33867	Newton, MA	Site Work, Roadway Construction	\$95,867	\$97,665	June-07	October-07	NSTAR Electric Company	One NSTAR Way, Westwood, MA 02090	Michael Hughes	781.441.3612	
Dredging & Off-Shore Disposal; Annaquam River, North Entrance	Ipswich, MA	Dredging and Off-Shore Disposal	\$192,424	\$181,474	September-07	October-07	Commonwealth of Massachusetts Department of Conservation & Recreation, Waterways	Office of Waterways, 249 Lincoln Street, Building No. 45, Hingham, MA 02043	Michael Oniscot	781.740.1600	617.727.2950

Cashman Completed Projects

Bourne Chemical Site Remediation 2B & 2C - Contract No. 31426 & 31427	Elizabeth, NJ	Demolition/Site Remediation/Material Transport and Disposal	\$450,000	\$450,000	December-06	September-07	Elizabeth Development Company	288 North Broad Street, Elizabeth, NJ 07208	William O'Dea	908.289.0282	
K Street Harborwalk Project Phase 2B & 2C - Contract No. 31426 & 31427	Boston, MA	Site Work, Civil Work, Harborwalk Construction	\$856,623	\$766,764	Jan-07	September-07	NSTAR Electric Company	One NStar Way Westwood, MA 02090	Michael Hughes	781.441.3612	
North Point Park, Central Avalanche Tunnel Contract No. C29A1	Boston, MA	Park construction, including water feature and islands, seawall reconstruction, Earthwork, Excavation - Roadway & Structure, Drainage Systems, Bituminous and Concrete pavement, Bituminous & Concrete Curbings, Masonry, Demolition, Site Preparation, Material Transportation	\$32,889,613	\$32,889,613	December-02	April-07	Massachusetts Turnpike Authority	Ten Park Plaza, Boston, MA 02116	Jack Wright	617.951.6268	
Somerset Power CWS Dredge Project, PO Number 247171	Somerset, MA	Sediments were excavated using a 14cy "cable arm" environmental clam shell style bucket. The sediments were loaded in to 3,000cy hopper scows and transported for processing. The scows were dewatered and Portland cement was added and mixed in the scow. Material was transported to the Marion landfill as beneficial reuse.	\$327,400	\$327,400	December-05	January-07	Shaw Environmental, Inc.	89C Elm Street, Hopkington, MA 01748	Lauren Caisse	508.497.6139	508.435.9641
New Bedford Harbor Dredge Phase II, Contract No. HOC-6-705	New Bedford, MA	Maintenance/Environmental Dredging	\$3,520,593	\$3,520,593	October-06	January-07	City of New Bedford	New Bedford Harbor Development Commission, 106 Co-Op Wharf, New Bedford, MA 02745	John Simpson	508.961.3000	
New Jersey Marine Terminal (Multi- Party) Contract No. 944.501	Port of NY and NJ	Mechanical dredging of Port Elizabeth and Port Newark. The sediments were excavated using a 14 cy "cable arm" environmental clam shell style bucket. The sediments were stabilized with portland cement for upland placement as beneficial reuse.	\$10,500,000	\$10,500,000	April-04	December-06	Port Authority of New York and New Jersey	New Jersey Marine Terminals, 274 Kellogg Street, Port Newark, NJ 07114	Frank Wong	973.589.5169	
Deal Lake Flume Reconstruction, Project No. 4195-06	Asbury Park, NJ	Marine Construction, Furnish & Install 500ft reinforced concrete box culvert, rebuild existing jetty, remove & dispose 190ft of existing flume, shoreline protection	\$6,725,000	\$6,725,000	December-05	December-06	New Jersey Dept. of Environmental Protection, Bureau of Coastal Engineering	1510 Hooper Avenue, Suite 1510, Toms River, NJ 08753	Robert Giovannetti	609.577.8835	
New Cape May Seawall & Shoreline Construction	Avalon, NJ	Stone Revetment, 125,000 tons of armor stone, 17,000cy of Marine Mattresses installed, 3,000 ft. of Seawall Construction, Marine Construction	\$12,821,650	\$15,061,936	August-04	December-06	US Army Corps of Engineers, Philadelphia District	The Wanamaker Building, 100 Penn Square East, Philadelphia, PA 19107	Scott Fritzenberger	609.569.0135	
Peninsula Housing Phase I	Boston, MA	Site Work and Utilities	\$1,150,000	\$1,680,000	August-04	October-06	Corcoran Jernison Construction Co., Inc.	150 Mount Vernon Street, Suite 510, Boston, MA 02125	David Kerr	617.719.2372	
U.S.S. Intrepid, Pier 86 Navigational Dredging	Statens Island, NY	Dredging, Dredge Material Processing, Disposal	\$1,550,000	\$1,501,851	September-06	October-06	New York City Economic Development Corporation	110 William Street, New York, NY 10038	Kathryn McGuckin	212.312.3771	212.312.3771
Port of New York/New Jersey Harbor Dredging/DACS-03-C- 0014	Newark Bay, NJ	Navigational and Improvement Dredging	\$44,000,000	\$45,122,000	August-04	September-06	US Army Corps of Engineers, New York District	3 Chapel Avenue, Port Liberty, Jersey City, NJ 07302	Mark Alton	201.433.9232	

Cashman Completed Projects

General Dynamics Building Demolition, Building No. 1.	Quincy, MA	Building Demolition - Complete	\$125,000	\$125,000	July-06	September-06	Quincy Shipyard, LLC.	PO Box 692396, Quincy, MA 02269	Alan Perrault	781.356.5756	781.356.5700
Massachusetts Maritime Academy - Wind Turbine	Bourne, MA	Design/Built Energy Services Agreement - Erection of 660kW Wind Turbine	\$1,400,000	\$1,400,000	May-05	April-06	Commonwealth of Massachusetts, Division of Capital Asset Management	One Ashburton Place, Boston, MA 02108	Admiral Richard Gurnon (Mass Maritime Academy)	508.630.5000	
Fore River Grade Crossing and Railroad Tie Replacement	Weymouth, MA	Rehabilitation of Existing Railroad Grade Crossing and Railroad Tracks	\$127,200	\$127,200	November-05	March-06	Massachusetts Water Resources Authority	100 First Street, Boston, MA 02128	Matthew Horan	617.788.4397	
Brightman Street Bridge Foundation Construction, Contract No. 95241	Somerset, MA	Bridge substructure construction, steel sheetpiling, support of excavation, concrete piers, beams and hammerheads, Marine Construction, Cofferdams, Bridge Construction, Pile Driving, Excavation - Roadway & Structure	\$33,160,000	\$43,982,000	March-00	February-06	Massachusetts Highway Department	Ten Park Plaza, Room 7510, Boston, MA 02116	Michael McGrath	617.973.7610	
Lower Passaic River Dredging Pilot Study, Project No. A0563063/ESS000030	Passaic River, NJ	Removal of 5,000cy of sediments unsuitable for open water disposal. The sediments were excavated using an "icy" cable arm, environmental clam shell style bucket outfitted with a pressure transducer for maintain bucket depth tolerance of +/- 6 inches	\$1,148,000	\$1,200,000	December-05	January-06	State of New Jersey Department of Transportation - Maritime Resources	1035 Parkway Avenue, 3rd Floor, Main Office Bldg., Trenton, NJ 08625	Les Baron	609.530.4779	
General Dynamics Building Demolition, Crane Maintenance	Quincy, MA	Building Demolition - Complete	\$8,500	\$85,000	November-05	January-06	Quincy Shipyard, LLC.	PO Box 692396, Quincy, MA 02269	Alan Perrault	781.356.5756	781.356.5700
Remedial Sewer Construction FY 05, City of Cambridge, MA, File No. 3787	Cambridge, MA	Utilities, Water & Sewer Construction	\$729,821	\$735,000	January-05	December-05	City of Cambridge	795 Massachusetts Avenue, Cambridge, MA 02129	Procurement Dept.	617.349.4845	
New Bedford Harbor Dredge - CAD Cell, Contract No. HDC-5-538	New Bedford, MA	Construction of CAD Cell and Placement of Dredge Material in coordination with Environmental Protection Agency's Pilot Program	\$1,452,329	\$1,452,329	June-05	August-05	City of New Bedford	New Bedford Harbor Development Commission, 106 Co-Op Wharf, New Bedford, MA 02745	John Simpson	508.961.3000	
New England Aquarium Harbor Walk and Dock Repairs	Boston, MA	Marine Construction, Pier Repair, Pile Driving	\$215,000	\$215,000	May-05	July-05	New England Aquarium	Central Wharf, Boston, MA 02110	James Duffy	617.973.5200	
Kill Van Kull Harbor Deepening, KVK-8	Kill Van Kull, NY	Deepened section of Newark Bay to 45ft, generated over 1,500,000 cy of spoils. Approximately 200,000 cy of Dioxin and trace PCB contaminated material required processing and upland reuse as landfill cover or structural fill	\$35,259,717	\$38,995,000	June-03	November-04	US Army Corps of Engineers, New York District	3 Chapel Avenue, Port Liberty, Jersey City, NJ 07302	Mark Alton	201.433.9232	
Repair North and South Breakwater, Scituate Harbor, Contract No. DAQW33-02-C-0022	Scituate, MA	Breakwater Repair, Stone Placement 4,500 tons of 3 to 8 ton stone	\$1,108,000	\$1,396,055	February-03	February-04	US Army Corps of Engineers, New England District	686 Virginia Road, Concord, MA 01742	Maurice Beaudeau	978.318.8223	978.318.8207
Massachusetts Maritime Academy Pier & Dock Construction	Bourne, MA	Pile Driving, Marine Construction, Pier & Dock Construction	\$4,037,061	\$4,782,359	February-01	August-03	Commonwealth of Massachusetts, Division of Capital Asset Management	One Ashburton Place, Boston, MA 02108	Michael McKinney	617.727.4030	

Cashman Completed Projects

New Bedford State Pier Dredging, Contract No. HDC-2002-02	New Bedford, MA	Maintenance Dredging	\$3,900,000	\$4,125,000	May-02	August-02	City of New Bedford	New Bedford Harbor Development Commission, 100 Co-Op Wharf, New Bedford, MA 02745	John Simpson	508.961.3000	
Milbury Interchange Construction	Milbury, MA	Site Preparation, demolition, roadway/interchange construction.	\$34,000,000	\$34,000,000	April-96	May-02	Massachusetts Turnpike Authority	Ten Park Plaza Boston, MA 02116	J. Bruce Grimaldi	617.558.0446	617.558.0446
New England Aquarium IMAX Theater	Boston, MA	Marine Construction, Pile Driving, Foundation Construction	\$13,500,000	\$13,500,000	February-00	January-02	New England Aquarium	Central Wharf, Boston, MA 02110	Jose Luis San Miguel	617.973.5200	
Interstate 495 Interchange, Marlboro - Southboro	Marlboro, MA	Site Preparation, demolition, roadway/interchange construction.	\$12,500,000	\$12,500,000	September-99	December-00	Massachusetts Highway Department, District #3	Ten Park Plaza Boston, MA 02116	Robert Farron	508.929.3851	508.929.3851
Broadway Bridge Construction, Central Artery/Tunnel Contract No. C09A8	Boston, MA	Bridge Construction, Excavation, Grading, Demolition, Precast Concrete Beams, Cast-In-Place Reinforced Concrete, Deep Excavation Support, H-Piles, Caissons	\$40,812,000	\$43,765,000	October-96	June-99	Massachusetts Turnpike Authority	Ten Park Plaza Boston, MA 02116	Michael Lewis	401.222.2481	
Tunnel & Rock Disposal, Deer Island to Everett, MA	Boston, MA	Stockpile, Load and Marine Transportation of Tunnel Muck	\$17,483,000	\$17,483,000	December-94	August-97	Massachusetts Water Resources Authority	100 First Street, Boston, MA 02129	Michael McBride	617.242.6500	
South Station Ramps	Boston, MA	Bridge Construction, Excavation, Grading, Utilities, Structural Steel Viaducts, Cast-In-Place Reinforced Concrete, Deep Excavation Support, Caissons	\$21,000,000	\$24,000,000	January-95	October-96	Massachusetts Bay Transportation Authority	Ten Park Plaza Boston, MA 02116	Edward Karpinski	617.222.3360	

Joint Venture Projects

Project Description & Contract No.	Location	Type of Work	Original Contract Value	Final Contract Value	Start Date	Completion Date	Owner	Owner Address	Owner Contact Person	Owner Telephone Numbers	Owner Fax Numbers
Phase 1 - Containment Structure, Charleston Naval Base Container Terminal, C1FCRT202A	North Charleston, SC	The work includes minor clearing and grubbing, minor demolition work and excavation, stormdrain system installation, minor waterline fence relocation, minor asphalt paving, 880,000cy of mud dredging for the construction of the containment wall structure, dredging of the navigation channel, construction of 5,000 feet of steel pipe and sheet pile wall containment structure, delivery and placement of 300,000cy of rock for the rock berm, surface and slope stabilization.	\$55,090,150	\$45,180,595	June-09	December-10	South Carolina State Ports Authority	PO Box 22287, Charleston, SC 29413	Randolph W. Bowers, Chief Port Engineer	843.856.7048	(843) 856-7067

Cashman Completed Projects

Sunny Point, NC, Phase 1 Military Ocean Terminal, Contract No. W912HN-08-C-0028	Sunny Point, NC	Center Wharf Expansion, Sunny Point, NC, Phase 1, Military Ocean Terminal; Superstructure, substructure and foundation demolition; Demolition of 2-story Operations Building; Installation of crane beams, rails and appurtenances; Wharf deck expansion and installation of utility systems; Cast-in-place concrete, Pile Driving	\$53,457,619	\$56,152,691	July-08	September-10	Department of the Army, Savannah District Corps of Engineers	Savannah Regional Contracting Center, Wilmington Office, 69 Carlington Avenue, Wilmington, NC 28403	Sheryl Bunn, Contracting Officer	910.251.4666	910.251.4666
CBB Greenbush Commuter Rail Project - MBTA Contract No. 423CN01	Boston - South Shore Communities	Restoration of 18 mile Commuter Railroad to Boston's South Shore; seven new passenger stations; demolition of 20 buildings in 6 towns; 43 grade crossings; nine reconstructed bridges; two new bridges; extensive environmental mitigation construction	\$251,885,000	\$334,980,000	June-02	November-08	Massachusetts Bay Transportation Authority	10 Park Plaza, Boston, MA 02116	Mr. Paul Hadley	617.512.5959	617.512.5959
JOU/TeSta Demolition of the Grace Memorial Bridge over the Cooper River, Charleston, South Carolina - SCDOT Contract No. SIB-1738(003)	Charleston, SC	Cashman's Demolition of the 2 mile long Cooper River Bridges Project in Charleston, SC was a Design Build, or, in this case, a "Design-Demolish" job. Our engineers designed all of the demolition procedures for the removal of 227,000 tons of concrete structures and 27,000 tons of steel structures. The types of demolition included saw cutting elements of the structures and removing pieces with large equipment and a grapple, drilling, blasting and removal of concrete piles and columns, removal of steel truss structures with explosives, removal of steel utilizing a 450tn crane.	\$59,595,000	\$80,175,254	May-05	September-07	South Carolina Department of Transportation	955 Park Street, Columbia, SC 29202	Mr. Charles Dwyer, Project Manager, SCDOT	843.534.5000	
Cashman/TeSta Fuller-Warren Bridge Replacement, State Project No. 72020-3485	Jacksonville, FL	Complete removal of remaining portions of old Fuller Warren Bridge; Phased demolition of remaining structure; Loading, transportation and disposal of remaining structure and old test piles; Construction of new complete fender system; Demolition, removal, and disposal of existing old fender system	\$9,400,000	\$9,765,197	February-06	September-07	Balfour-Beatty Infrastructure, Inc.	999 Peachtree NE Atlanta, GA 30309	Mr. James Moynihan	404.946.1520	
Cashman/TeSta Mississippi Bridge Demolition, Bay St. Louis Project No. ERBR-0003-01 (098) 104555/301000	Pascagoula, MS	The project included the demolition of 10,000 linear feet of four-lane highway bridge across the Bay of St. Louis in Mississippi and the disposal of 100,000 tons of concrete debris at three shore disposal sites creating artificial reef habitats. The project was a 6-month accelerated paced project to allow Granite/Archer Western to build the replacement bridge at the walls of Hurricane Katrina.	\$12,600,000	\$14,542,467	February-06	July-07	Granite-Archer Western	PO Box 739, Pass Christian, MS 39571	Mr. Alan Nelson, Project Manager	228.452.6600	
Cashman/Kiewit - Chardon Street to Charles River Central Artery/Tunnel Project C15A2	Boston, MA	Earthwork, Excavation - Roadway & Structure, Drainage Systems, Pile Driving, 6,200tn Structural Steel Underpinning, Building Construction, Extensive Utility Relocation, 10,500 In Structural Steel Roof Girders, 34,000sf Precast Traffic Decking, Demolition, 400,000sf Slurry Walls, Tunnel Construction, Traffic Management, Bituminous and Concrete pavement, Bituminous & Concrete Curbings, Masonry, Demolition, Site Preparation, Material Transportation	\$354,389,064	\$346,401,445	April-96	October-02	Massachusetts Turnpike Authority	Ten Park Plaza, Boston, MA 02116	Michael Lewis	401.222.2481	
Cashman/Peter/Kiewit - Fort Point Channel Soil Mix, Central Artery/Tunnel Project C09A7	Boston, MA	Channel Construction, Excavation, Grading, Utility Relocation, Railroad Bridge(s) Contruction, Foundation and Structure Demolition, Deep Soil Mix around Transit Authority Tunnel	\$252,000,000	\$236,915,736	August-96	June-01	Massachusetts Turnpike Authority	Ten Park Plaza, Boston, MA 02116	Michael Lewis	401.222.2481	

LUCAS MARINE PROJECT LIST

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
192	Citrus Blvd. Bridge Repair	Expansion joint replacement, vertical crack repair, CLV finish	TBD	29,800	J.W. Cheatham, Inc. (Prime for Martin Cty) 7396 Westport Place West Palm Beach, FL 33413 Steve Cheatham (561) 471-4100 jwcstevec@jwcheatham.com
191	Becker Road Weir	Two vinyl sheet pile weirs with CIP concrete caps	6/20/11 - present	65,900	Felix Assoc. of FL, Inc. (Prime for City of Pt. St. Lucie) 8526 SW Kansas Ave. Stuart, FL 34997 Andrew Culpepper (772) 220-2722 x19 aculpepper@felixassociates.net
190	S-44 & G-57 Gate Operator Replacement	Two gate operator and platform replacements, column extension	5/18/11 - present	1,330,000	South Florida Water Management District 3301 Gun Club Rd. West Palm Beach, FL 33406 Alex San-Miguel (561) 686-8800 x7345 asanmigu@sfwmd.gov
189	Doctor's Lake Pedestrian Bridges	Construction of pile supported pedestrian bridges	4/1/11 - present	450,000	Vallencourt Const. Co., Inc. (Prime for Clay Cty) PO Box 65849 Orange Park, FL 32065 Mike Vallencourt II (904) 291-9330 mike2@vallencourt.com
188	Manatee Creek Weir	Vinyl sheet pile weir with CIP concrete cap	2/10/11 - 5/31/11	123,000	H&J Contracting, Inc. (Prime for Martin Cty) 3160 Fairlane Farms Road Wellington, FL 33414 Tripp Long (561) 791-1953 hvlong@hjcontracting.com
187	Howard Creek Weir	Vinyl sheet pile weir with CIP concrete cap	2/10/11 - 5/31/11	48,500	H&J Contracting, Inc. (Prime for City of Pt. St. Lucie) 3160 Fairlane Farms Road Wellington, FL 33414 Tripp Long (561) 791-1953 hvlong@hjcontracting.com
186	C-44 Reservoir/STA Project	Strip and relocate copper-rich soils, road bed construction	1/31/11 - 5/4/11	253,250	South Florida Water Management District 3301 Gun Club Rd. West Palm Beach, FL 33406 Joe Kusnir (561) 242-5520 x4235 jkusnir@sfwmd.gov
185	Pump Station #3 Replacement	Demo existing pump strn, F&I diesel, belt-driven 35,000 gpm axial flow pump, intake/discharge structures, backflow piping, sluice gate	11/17/10 - 3/28/11	185,000	Orange Avenue Citruc Growers Assoc. 25700 Orange Ave. Fl. Pierce, FL 34945 Lara Nelson (772) 201-2680
184	S-142 & S-143 Automation & Gate Replacement	Automation of the S142 & S143 culvert structures	11/8/10 - present	1,449,500	South Florida Water Management District 3301 Gun Club Rd. West Palm Beach, FL 33406 Jeffrey McCann (561) 242-5520 x4321 jmccann@sfwmd.gov
183	Barley Barber Swamp Boardwalk Repairs	Structural repairs to existing wood boardwalk	7/15/10 - 8/31/10	33,800	Treasured Lands Foundation for FP&L PO Box 2586 Stuart, FL 34995 Chuck Barrowclough (772) 647-9076 cbarrowclough@treasuredlands.org

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
182	County Line Road Pedestrian Bridge	Removal/disposal of existing pedestrian bridge, installation of new bridge with full night time road closure	7/14/10 - 7/27/10	42,900	Martin County B.O.C.C. 2401 SE Monterey Rd. Stuart, FL 34997 (772) 260-1971 kvreelan@martin.fl.us
181	Alimacani Shoreline Stabilization	Riprap stabilization	8/25/10 - 10/22/10	171,000	City of Jacksonville Ed Ball Bldg. 214 N Hogan St. Jacksonville, FL 32202 (904) 255-8800 Fax: (904) 255-8837
180	Sandsprit Park Dock Repair	Demolition and replacement of timber piles, framing & decking	7/28/10 - 7/31/10	12,900	Martin County B.O.C.C. 2401 SE Monterey Rd. Stuart, FL 34997 Jim Lopilato (772) 225-1517 jlopilat@martin.fl.us
179	G-434 & G-435 Pump Station Bridges	Construction of 2 concrete bridges with prestressed concrete pile foundations and deck slabs	8/16/10 - 5/5/11	1,879,000	South FL Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Craig Wilson (561) 242-5520 x4224 cwilson@sfwmd.gov
178	Pinewood & 3rd Drainage Repairs	Pipe replacement, asphalt restoration	4/23/10 - 7/23/10	26,600	City of Ft. Pierce 100 N US Hwy. 1 Ft. Pierce, FL 34950 Tracy Telle (772) 460-2200 xt. 142 Fax: (772) 460-6847
177	Micco Bluff Turnout Modifications	Shellrock driveway turnout, 24" CMP	4/26/10 - 7/12/10	16,000	South Florida Water Mgmt District 2101 Centrepark West Dr., Suite 110 West Palm Beach, FL 33409 Anthony Rosato (561) 242-5520 x4210 arosato@sfwmd.gov
176	Juanita Ave Bridge over Taylor Creek	Bridge replacement Design build	3/27/10 - Present	1,572,600	Florida Dept. of Transportation 3400 West Commercial Blvd Fort Lauderdale, FL 33309 Ph: (984) 777-4620
175	Manatee Pocket Boardwalk	Boardwalk construction using concrete-filled fiberglass piles, PT framing, and lpe decking	3/15/10 - 10/1/10	323,200	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Ph: (772) 288-5481
174	San Pablo Bridge Fender System	Repair and Replace fenders on bridge	3/1/10 - 6/30/10	198,700	Florida Dept. of Transportation 605 Suwannee Street Tallahassee, FL 32399-0450 Ph 386-758-3703 Fax: (407) 275-4187
173	Installation of Horizontal Pumps	Installation of horizontal submerged pumps (3 year contract)	12/27/10 - 12/27/13	482,200	South FL Water Management District 3301 Gun Club Road West Palm Beach, FL 33406
172	C-1 Rediversion, MS-1 Structure	Replacement of 6 water control gates, modification of existing concrete structure	1/25/10 - 5/29/11	1,469,700	St. Johns River Water Management District 525 Community College Parkway Palm Bay, FL 32907 Ed Shinskie (321) 863-0013 eshinskie@sjrwmd.com

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
171	Herndon Swamp Restoration	Precast concrete sheet pile wall with reinforced concrete cap, embankment	1/11/10 - 4/15/10	291,500	St. Johns River Water Management District Westwind Contracting, Inc. (Prime) 3501 West Hallandale Beach Blvd. Pembroke Pines, FL 33023 Stacy Peterson (954)961-7200 Fax: (954) 961-7222
170	S-49 Structure Gate Replacement	Removal and replacement of existing stem gate operators and cable drum system	11/13/09 - 6/30/10	479,700	South Florida Water Management District 2101 Centrepark W. Drive Suite 110 West Palm Beach, FL 33409 Mike Curley (561) 242-5520 x 4215 jcurley@sfwmd.gov
169	Orlando Cofferdam	Installation of sheet pile cofferdam	8/24/09 - 9/3/09	47,100	Masci Corp. 2750 S. Ridgewood Avenue Suite A South Daytona, FL 32119 Leo Masci (386) 322-4500 Fax: (386) 322-4600
168	G-136 Structure Replacement	Replacement of 3x84-Inch CMP culverts and replacement of existing gates w/SS double leaf weir gates	9/14/09 - 6/18/10	578,800	South Florida Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Ed Palmowski (561) 242-5520 Fax: (561) 242-5499 x4223
167	Belle Glade Marina	876 LF Bulkhead using precast concrete panels & prestressed king piles & batter piles, floating dock installation	10/12/09 - Present	2,360,200	City of Belle Glade 421 NW 3rd Street Okeechobee, FL 34974 Marcos Montes De Oca, P.E. (863) 763-8999 x204 Fax: (863) 763-6692
166	Pinewood Elementary School	Installation of prefabricated pedestrian bridge	9/4/09 - 9/30/09	25,300	Martin County B.C.C. 2401 S.E. Monterey Road Stuart, FL 34996 Ken Vreeland (772) 288-5430 Fax: (772) 221-1333
165	Aerial Crossings	Aerial pipe crossing supports, 2-24" dia. auger cast piles	9/30/09 - 4/27/10	135,900	Felix Associates, LLC 851 SW Darwin Boulevard Port St. Lucie, FL 34953 Ben Baummler (772) 879-6510
164	Hayes & Pinewood Drainage Relocation	Installation of new R.C.P. and drainage structures	6/30/09 - 9/30/09	108,300	City of Ft. Pierce 100 N US Hwy. 1 Ft. Pierce, FL 34950 Tracy Telle (772) 460-2200 xt. 142 Fax: (772) 460-6847
163	Poppelton Creek Bridge Repairs	Emergency bridge abutment repairs and pipe replacement	4/27/09 - 6/30/09	32,300	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Ken Vreeland (772) 288-5430 Fax: (772) 221-1333
162	Halpatiokee Lakes Restoration	Shape old borrow pit to create habitat and enhance aesthetics	4/22/09 - 6/5/09	217,500	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Kevin Landry (772) 221-1327 Fax: (772) 221-1333

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
151	Bird Island Restoration Project	Dredging and riprap stabilization	3/16/09 - 10/2/09	312,300	Bird Island Trust, Inc. 2000 South Ocean Boulevard Manalapan, FL 33462 David Rathbun (561) 436-1566
160	Virginia Avenue Outfall Projects	Furnish and install gabion wall system, riprap stabilization, and drainage improvements	2/19/09 - 7/31/09	3,462,600	City of Ft. Pierce 100 N US Hwy. 1 Ft. Pierce, FL 34950 Tracy Telle (772) 460-2200 xt. 142 Fax: (772) 460-6847 ttelle@ftpiercing.com
159	Gandy Boulevard Temporary Sheet Pile	Install and remove temporary steel sheet pile	2/26/09 - 7/23/09	147,200	Kearney Construction Co., LLC 5115 Joanne Kearney Boulevard Tampa, FL 33619 Mark Alexander (813) 345-7777 Fax: (813) 621-6750
158	S-127 Lock Hoist Reconstruction	Lock hoist reconstruction and attach precast concrete platforms to existing structure i/c post-tensioning	3/23/09 - 10/17/09	272,100	South Florida Water Management District 2101 Centrepark W. Drive Suite 110 West Palm Beach, FL 33409 Mike Curley (561) 242-5520 x 4215 jcurley@sfwmd.gov
157	South Lake Worth Inlet Projects	New sand transfer pump station, steel sheet pile, and Jetty refurbishment	2/25/09 - present	7,037,700	Palm Beach County B.O.C.C. 2633 Vista Parkway West Palm Beach, FL 33411 Frank Courts (561) 233-0261 Fax: (561) 233-0270
156	Jupiter Boulevard Bridge	Remove existing bridge, bridge replacement, road widening, and beautification	1/14/09 - 9/30/10	3,999,200	City of Palm Bay 120 Malabar Road SE Palm Bay, FL 32907 Bobbie Marsala (321) 952-3424 Fax: (321) 952-3401
155	Bathtub Reef Beach Park Emergency Repair	Emergency stabilization of timber platform	10/7/08 - 12/15/08	94,300	Marlin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Kevin Landry (772) 221-1327 Fax: (772) 221-1333
154	Joe's River Park Development Project	Parking area and timber boardwalk with fishing platform	10/13/08 - 12/17/08	194,300	Marlin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Michael Yustin (772) 221-1327 Fax: (772) 221-1333
153	Port Malabar Road Bridge over Turkey Creek	Replace bridge and retrofit with three-beam railing	10/21/08 - 9/1/09	2,864,700	Florida Dept. of Transportation 605 Suwannee Street Tallahassee, FL 32399-0450 Hector Montos (321) 690-3250 Fax: (407) 275-4187
152	Blackbeard Island Fishing Pier, Blackbeard's Island, National Wildlife Refuge, GA	Remove and replace timber dock and bulkheads	9/3/08 - 6/30/09	464,300	MWH Constructors, Inc. 335 Phoenixville Pike Malvern, PA 19355 Gary Stillman (610) 993-0800 ext. 7945 Fax: (610) 993-0252
151	Vero Beach Reverse Osmosis Concentrate Pipeline and Diffuser	Install concentrate line for reverse osmosis water treatment plant	10/1/08 - 12/30/08	97,200	City of Vero Beach 3455 Airport West Drive Vero Beach, FL 32960 Jill Gramaldi (772) 978-5470 Fax: (772) 770-6860

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
150	Ft. Pierce Inlet State Park, Coquina Shell Walkway	Remove existing timber boardwalk and replace with 6' wide compacted coquina shell walking path	9/16/08 - 1/26/09	31,700	Dept. of Environmental Protection 3540 Thomasville Road, Building B-1 Tallahassee, FL 32309 Steven Eibl (772) 468-4007
149	C-4 Floodwall Miami-Dade County, Florida	Steel sheet pile wall with reinforced concrete cap	11/3/08 - 5/22/09	1,176,700	South Florida Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Lai Shafau (561) 682-6243 Fax: (561) 682-6374
148	MacArthur Boulevard Rock Revetment	Riprap stabilization	6/18/08 - 6/20/08	18,700	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Kathy Fitzpatrick (772) 288-5927 Fax: (772) 288-5955
147	Leighton Park Seawall Repairs and Boardwalk Construction	Demolition and replacement of existing concrete cap and tie-back system, construction of timber boardwalk	9/1/09 - 11/6/09	198,500	Martin County Parks & Recreation 2401 SE Monterey Road Stuart, FL 34996 Walter (Skip) Bossinger (772) 463-3240 Fax: (772) 221-1333
146	Simara Street/Island Road Bridge Repairs	Minor concrete resoration, guardrail, utility supports	06/08 - 08/08	42,500	Town of Sewall's Point 1 S Sewall's Point Road Sewall's Point, FL 34996 Joe Capra, CAPTEC, Inc. (772) 692-4344 Fax: (772) 692-4341
145	S-72 Stability Tailwater and Pumping System	Emergency construction of sheet pile weir and pump-intake structure, 30" axial pump installation	2/4/08 - 5/30/08	2,030,200	South Florida Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Mike Curley (561) 242-5520 x4215 Fax: (561) 682-6374
144	Bay Street Bridge Expansion	Demolition of a single-span, hollow core slab bridge; twin soan prestressed deck span bridge	1/22/08 - present	3,349,500	City of Jacksonville 117 W Duval Street, Suite 335 Jacksonville, FL 32202 Bob Scott, PE (904) 255-8734
143	Inglis Lock - Dewatering Bulkhead	Fabrication and Installation of dewatering bulkheads and access bridge	1/25/08 - 12/19/08	1,186,200	Dept. of Environmental Protection 3540 Thomasville Road, Building B-1 Tallahassee, FL 32309 Michael Renard (850) 488-5372 Fax: (850) 488-3537
142	Vero Beach Power Plant Retaining Wall	Steel sheet pile wall with reinforced concrete cap	1/8/08 - 5/30/08	614,800	City of Vero Beach 1053 20th Place, PO Box 1389 Vero Beach, FL 32961-1389 Jim Stevens (772) 987-5050 Fax: (772) 770-6860
141	Cedar Key Fishing Pier	Demolition of existing concrete pier, construction of 10,400 sf. pier using 42" drilled shafts, CIP pile caps, prestressed deck slabs and poured concrete deck	11/19/07 - 10/8/08	3,772,100	Mills Engineering, Philip Chancey, P.E. 604 East Hathaway Avenue Bronson, FL 32621 (352) 486-2872 millseng@bellsouth.net
140	Dupuis Management Area Boardwalk	Construction of a 6' x 385' timber boardwalk and viewing/lookout area using pin pier foundations	1/2/08 - 6/30/08	182,800	South Florida Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Kevin Snell (561) 682-5766 Fax: (561) 682-5766

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
139	Pine Lake Drive Bridge Restoration	Repair of surface spalls, piles, cracks, seal/joints and sidewalks	10/24/07 - 12/12/07	38,400	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34998 George Dzama (772) 288-2837 Fax: (772) 288-5955
138	Ten Mile Creek Aerial Crossing	Installation of prestressed concrete piles and CIP concrete cap for utility aerial crossing	9/17/07 - 9/24/07	79,900	Shelby Homes Olney Earthworks, Inc. (Prime) 91 South Sewell Point Road Stuart, FL 34996 Pete Olney (772) 286-2550 Fax: (772) 286-2472
137	Indian River County Pollution Control System	Trash rake system with automated debris removal, steel sheet pile, concrete box culvert, articulated concrete mats	8/27/07 - 1/20/09	3,673,000	Indian River County B.O.C.C. 1840 25th Street Vero Beach, FL 32960 Keith McCully (772) 226-3478 Fax: (772) 770-5140
136	Solid Waste Authority Trailhead and Trailway	Construction of structural plastic lumber boardwalks and overlooks with pin pier foundations in environmentally sensitive area	11/26/07 - 5/19/08	590,200	Solid Waste Authority Rio-Bak Corporation (Prime) 12773 West Forest Hill Boulevard, Suite 210 Wellington, FL 33414 Heath Norman (561) 791-9721 Fax: (561) 791-9734
135	Cahoon Road Bridge Replacement	Low level cast in place reinforced concrete bridge with prestressed concrete piles and riprap stabilization	4/30/07 - 6/16/08	1,215,000	City of Jacksonville Felix Associates, LLC (Prime) 11715 Phillips Highway Jacksonville, FL 32256 Bradley S. Missler (904) 288-9055 Fax: (904) 288-9056
134	S-127 Pump Station	Demolition of existing steel sheet pile wall, installation of temporary and permanent sheet pile and prestressed concrete batter piles	7/16/07 - 11/26/07	256,600	South Florida Water Management District Harry Pepper & Associates, Inc. (Prime) 215 Century 21 Drive Jacksonville, FL 32216-9226 Mik Taormina (904) 721-3300 ext 20 Fax: (904) 721-5222
133	FL-8 Shoreline Stabilization	Rock revatment, pedestrian path, breakwaters, mitigation and 2 timber pedestrian bridges	4/16/07 - 11/15/07	1,181,200	Florida Inland Navigation District (FIND) 1314 Marcinski Road Jupiter, FL 33477 David Roach (561) 627-3386 Fax: (561) 624-6480
132	S-6 Trash Rack	Concrete service bridge and installation of automated trash rake and rack system	6/1/07 - 10/31/08	4,591,100	South Florida Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Gérard Flynn (561) 753-2400 ext 4645 Fax: (561) 662-8565
131	Martin Memorial Medical Center	Concrete flood wall consisting of driven steel H-pile and CIP concrete wall	4/17/07 - 12/19/07	1,189,400	Martin Memorial Medical Center Balfour Beatty Construction, LLC (Prime) 707 East Osceola Street Stuart, FL 34995 Rob Rice (772) 215-0194 Fax: (772) 223-0150

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
130	Port St. Lucie Civic Center Retaining Wall	Concrete retaining wall with reinforced CIP concrete cap	4/6/07 - 7/13/07	489,200	City of Port Saint Lucie Felix Associates, LLC (Prime) 851 SW Darwin Boulevard Port St. Lucie, FL 34953 Ben Baummier (772) 263-2805 Fax: (772) 878-0120
129	Lake Parker Outfall Bridge Replacement	Bridge installation and riprap stabilization	6/4/07 - 7/27/07	256,500	Polk County B.O.C.C. 4177 Ben Durrance Road Bartow, FL 33830 Rebecca Baker (863) 534-5610 Fax: (863) 534-0055
128	Mapp Road Bridge Replacement	Concrete abutments, installation of pre-fabricated steel bridge and road widening	4/9/07 - 11/28/07	920,400	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Dave Paoleschi (772) 288-5792 Fax: (772) 288-5955
127	Jonathan Dickinson State Park Pedestrian Path and Bike Way	Construct bike path through environmentally sensitive area	2/19/07 - 8/17/07	399,800	Dept. of Environmental Protection 3900 Commonwealth Boulevard Tallahassee, FL 32399-3000 Randy Strange (850) 488-6433 Fax: (850) 488-3537
126	Coconut Cove Bridge	Plate girder bridge with CIP super structure	6/18/07 - 11/30/08	2,640,900	Coconut Cove, LLC 5801 Congress Avenue Boca Raton, FL 33487 Jim Spooner (561) 362-9205 Fax: (561) 362-9208
125	Martin County Kiosks	Construction and Installation of information Kiosks	1/3/07 - Present	48,600	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Chuck Barrowdough (772) 288-5509
124	Installation of Horizontal Submerged Pumps - Lake Okeechobee Forward Pumping	Installation of horizontal submerged pumps (3 year contract)	12/27/06 - 12/27/09	1,099,500	South FL Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Denise Arietta (561) 686-8800 Fax: (561) 795-2937
123	Lake Mangonia Shoreline Stabilization	Installation of composite sheet pile wall with reinforced concrete cap	1/22/07 - 11/15/07	548,500	City of West Palm Beach 1000-45th Street, Suite 15 West Palm Beach, FL 33407 Dan Robarge (561) 659-8040 Fax: (561) 659-8039
122	Lake Wellington Aluminum Retaining Wall	Installation of aluminum sheet pile wall with reinforced concrete cap	1/3/07 - 3/30/07	498,700	Village of Wellington 14000 Greenbriar Boulevard Wellington, FL 33414 (561) 791-4000 Fax: (561) 791-4045
121	Salerno Retrofit Bridge Abutment Repairs	Abutment repairs	10/9/06 - 10/27/06	49,800	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Jim Gorton (772) 288-5658 Fax: (772) 221-1466
120	Goat Creek Bridge	CIP concrete box culverts	11/20/06 - 3/8/07	638,700	Florida Dept. of Transportation 605 Suwannee Street Tallahassee, FL 32399-0450 Hector Montos (321) 634-6561 Fax: (407) 275-4187

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
119	Shingle Creek Foot Bridges	Construction of wooden pedestrian bridges	10/4/06 - 10/17/06	67,700	South FL Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Sylvania Jackson (561) 682-6389 Fax: (561) 682-5542
118	Palm Bay Pedestrian Bridges	Installation of precast double tees, sidewalk construction	9/7/06 - 3/7/07	771,400	City of Palm Bay 120 Malabar Road S.E. Palm Bay, Florida 32907 Barrington Brown (321) 953-8996 Fax: (321) 952-3472
117	Lake Monroe Seawall	Replacement of steel sheet pile wall	9/5/06 - 10/12/06	164,100	Florida Dept. of Transportation 605 Suwannee Street Tallahassee, FL 32399-0450 Trevor Williams (407) 482-7820 Fax: (407) 275-4187
116	Peck Lake Park Boardwalk Repair	Wooden boardwalk repair	6/1/06 - 7/31/06	28,300	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Randy Phillips (772) 260-1885 Fax: (772) 221-1417
115	Fairway Drive Pipe Replacement	Replacement of reinforced concrete pipe	10/06 - 4/24/07	733,500	City of Ft. Pierce 100 N US Hwy. 1 Ft. Pierce, FL 34950 Tracy Telle (772) 460-2200 xt. 142 Fax: (772) 460-6847
114	Fl. Pierce Drainage Improvements	Ditch realignment, installation of articulated concrete mats, installation of reinforced concrete pipe	6/19/06 - 10/2/06	1,661,100	City of FL Pierce 100 N US Hwy. 1 Ft. Pierce, FL 34950 Tracy Telle (772) 460-2200 xt. 142 Fax: (772) 460-6847
113	SR-714 Bridge Replacements	Bridge replacements (2) Concrete pile foundation, CIP deck	7/1/06 - 4/23/07	874,600	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Dave Paoleschi (772) 288-5792 Fax: (772) 288-5955
112	Monterrey Waterway / C-24 Canal Breach Repair	Culvert restoration	6/12/06 - 6/30/06	183,000	City of Port Saint Lucie Felix Associates, LLC (Prime) 851 SW Darwin Boulevard Port St. Lucie, FL 34953 Ben Braummier (772) 263-2805 Fax: (772) 878-0120
111	Jensen Beach Dune Crossover	Construct ADA compliant ramp sys., relocate/reconstruct existing stairs install grabrail	1/18/06 - 3/24/06	26,200	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Patrick Vicknair (772) 221-1327 Fax: (772) 221-1333
110	Jungle Trail Shoreline Stabilization	Riprap stabilization	4/26/06 - 8/31/06	271,700	Indian River County B.O.C.C. 1640 25th Street NE 118 Vero Beach, FL 32960 James Gray (772) 567-8000 Fax: (772) 226-1988 jgray@lrcgov.com

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
109	76-A Fender System	Navigational lighting repairs / maint.	4/17/06 - 6/9/06	16,200	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Dave Paoleschi (772) 288-5792 Fax: (772) 288-5955
108	Manatee Creek Weir	Vinyl sheet pile weir with concrete cap	1/19/06 - 5/26/06	40,100	Martin County B.O.C.C. Optimum Services, Inc. (Prime) 5131 SE 128th Avenue Okeechobee, FL 34974 Neil Shelton (863) 467-2572 Fax: (863) 467-8067
107	Ruhnke Street	Box culvert	1/24/06 - 5/31/06	85,600	Martin County B.O.C.C. Dickerson Florida, Inc. (Prime) P.O. Box 910 Ft. Pierce, FL 34954 Bruce Freeman (772) 429-4444 Fax: (772) 429-4445
106	Edison Avenue	Box culvert	1/24/06 - 4/9/06	139,500	Martin County B.O.C.C. Dickerson Florida, Inc. (Prime) P.O. Box 910 Ft. Pierce, FL 34954 Bruce Freeman (772) 429-4444 Fax: (772) 429-4445
105	Oslo Road/Lateral "J" Canal Bridge Replacement	Bridge replacement	1/25/06 - 8/31/06	2,274,900	Indian River County B.O.C.C. 1840 25th Street NE 118 Vero Beach, FL 32960 Janet Dunlap (772) 567-8000 Fax: (772) 978-1806
104	Balhtub Beach Fishing Pier	Repair hurricane damaged pier, construct canoe and kayak launch with access ramp	6/1/06 - 7/31/06	21,600	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Patrick Vicknair (772) 221-1327 Fax: (772) 221-1333
103	FFWC Jupiter Field Office Dock Facility	Construct dock facility	3/27/06 - 9/8/06	517,000	Florida Fish & Wildlife Conservation Commission 620 South Meridan Street, Room 364 Tallahassee, FL 32399-1600 Jean Fucich (850) 488-3427 Fax: (850) 921-2500
102	Elks Park Observation Pier	Construction of an observation pier	12/05 - 12/15/05	35,200	City of Port St. Lucie The Collage Companines (Prime) 3077 E Commercial Boulevard, Suite 202 Ft. Lauderdale, FL 33308 David Trindade (954) 489-2343 Fax: (772) 878-4946
101	Manatee Park Boardwalk	Demolition and reconstruction of wood pier	11/01/05 - 3/16/06	217,200	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Teresa Lamar-Sarno (772) 288-5908 Fax: (772) 288-5960
100	Caspersen Beach Bridge Replacement	Bridge demolition and reconstruction	3/27/06 - 12/15/06	1,256,100	Sarasota County 1001 Sarasota Center Boulevard Sarasota, FL 34240 Ryan Newcomb (941) 861-0957 Fax: (941) 861-0998

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
99	NPBCID Control Structure Site 20	Construct concrete weir and operable gate with telemetry in an existing concrete structure	11/21/05 - 7/31/06	203,800	Northern Palm Beach County Improvement District 357 Hiatt Drive Palm Beach Gardens, FL 33418 Tim Helms (561) 624-7830 Fax: (561) 624-7839
98	Indian Riverside Floating Docks	Construct floating docks	2/6/06 - 2/22/06	300,700	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Patrick Vicknair (772) 221-1327 Fax: (772) 221-1333
97	Greenway I & II Amenity Improvements Woodstork Trail Section I	Construct wooden pedestrian bridges and overlook structures	5/1/06 - 7/7/06	164,800	City of Port St. Lucie 121 SW Port St. Lucie Boulevard Building "A" - 3rd Floor, Suite 390 Port St. Lucie, FL 34984-5099 Gary Jones (CAPTEC) (772) 692-4344 Fax: (772) 692-4341
96	Britt Road Bridge	Repair concrete spill and install sheet piling to prevent soil loss	10/7/05 - 2/15/06	212,200	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Dave Paoleschi (772) 288-5792 Fax: (772) 288-5955
95	MC Annual Bridge Construction & Repair (Annual Contract)	Repair existing bridges and misc. structures, bridge construction & replacement	04/05 - 04/06	TBD	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Dave Paoleschi (772) 288-5792 Fax: (772) 288-5955
94	Fishbranch Ranch C-41A Bridge Crossing	Bridge construction	10/5/05 - 2/10/06	469,800	Ru-Mar Inc. 160 Lamont Road Ft. Pierce, FL 34947 Wayne Carlton (772) 464-5589 Fax: (772) 468-2976
93	Simara Street Seawall Restoration	Seawall repair	6/21/05 - 10/31/05	164,500	Town of Sewalls Point J.H. McGreggan & Sons, Inc. (Prime) 940 NE Industrial Boulevard Jensen Beach, FL 34957 Pat McGreggan (772) 334-0235 Fax: (772) 334-3302
92	Hosford and Halpatokees Kayak & Canoe Docks	Furnish and install floating, kayak and canoe docks	6/13/06 - 7/31/06	64,800	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Patrick Vicknair (772) 320-3021 Fax: (772) 320-3022
91	Green River Parkway	Furnish and install auger cast piles	1/13/05 - 6/21/05	22,500	Martin County B.O.C.C. Mosley & Son Construction, Inc. (Prime) 1400 SE Monterey Road Stuart, FL 34994 Phil Morgan (772) 287-6962 Fax: (772) 334-3302
90	Ft. Pierce City Marina	D & E dock replacement	6/13/05 - 12/07/05	1,446,700	City of Fort Pierce - City Hall 100 N. US 1 Ft. Pierce, FL 34954 Ed Seissiger (772) 460-2200 x157 Fax: (772) 464-2589
89	Floresta Drive Pedestrian Bridge	Install pedestrian bridge	5/6/05 - 11/30/05	169,900	City of Port St. Lucie Dickerson Florida, Inc. (Prime) PO Box 863533 Orlando, FL 32886-3533 (772) 429-4444 Fax: (772) 429-4445

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
88	M-Canal Widening Amendment #1	USDA grant work Clearing and grubbing, canal bank sloping and erosion control	5/18/05 - 10/26/05	991,900	City of West Palm Beach 1000-45th Street, Suite 15 West Palm Beach, FL 33407 Steve Sarley (561) 659-8040 Fax: (561) 659-8039
87	Renewed Annual Agreement for Stormwater	Pipe, inlet and misc. 1 year contract	12/04 - 12/05	25,000 Estimated	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Scott Webber, P.E. (772) 288-5472 Fax: (772) 288-5955
86	Twin Rivers Park Shoreline Stabilization	Boardwalk, Bulkhead extension revetment repair, rock and mitigation planting	5/24/05 - 2/22/06	1,424,200	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Patrick Vicknair (772) 221-1327 Fax: (772) 221-1333
85	House of Refuge Pier	Demolition & disposal of existing damaged pier, construction of replacement pier	03/05 - 05/05	155,700	Martin County Parks Department 2401 SE Monterey Road Stuart, FL 34996 Patrick Vicknair (772) 221-1327 Fax: (772) 221-1333
84	S-63 Hoist Replacement	Assembly of water control structure	7/9/2005 - 7/31/05	275,900	South FL Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Tom McKernan (561) 682-6325 Fax: (561) 682-6374
83	S-75 Hoist Replacement	Assembly of water control structure	7/9/2005 - 7/31/05	399,100	South FL Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Tom McKernan (561) 682-6325 Fax: (561) 682-6374
82	Leighton Park Boat Ramp	Channel dredging	01/05 - 04/05	148,700	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Bob Koncar (772) 320-3021 Fax: (772) 320-3022
81	Rio Nature Park	Shoreline stabilization, hurricane mitigation construction	01/05 - 01/06	97,400	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Chuck Barrowclough (772) 288-5476 Fax: (772) 221-1333
80	Jensen Beach Causeway Fishing Pier	Demolition & disposal of existing damaged pier, construction of replacement pier	03/05 - 07/05	459,200	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Patrick Vicknair (772) 221-1327 Fax: (772) 221-1333
79	Indian Riverside Park Fishing Pier	Demolition & disposal of existing damaged pier, construction of replacement pier	03/05 - 07/05	920,200	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Ken Vreeland (772) 288-5927 Fax: (772) 221-1333
78	Martin County Dune Restoration	Hurricane repair - dune restoration	12/5/04 - 3/31/05	1,977,200	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Kathy Fitzpatrick (772) 288-5927 Fax: (772) 288-5955

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
77	MacArthur Boulevard Restoration Project	Shoreline restoration, rock revetment & steel sheet pile walls	11/4/04 - 3/31/05	1,455,500	Martin County B.O.C.C. J.W. Cheatham (Prime) 7396 Westport Place West Palm Beach, FL 33413 Tom Uhrig (561) 471-4100 Fax: (561) 471-8348
76	North Jetty Sand Tightening & Extension	Steel sheet piles & rock stabilization	2/1/05 - 4/30/05	1,370,800	Army Corps of Engineers J.E. McAmis, Inc. (Prime) 3125 Southgate Lane Chico, CA 95928 Scott Vandegrift (530) 891-5061 Fax: (530) 891-0904
75	S-63A Gate Holst Replacement	Assembly of water control structure	01/05 - 06/05	349,700	South FL Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Tom McKernan (561) 682-6325 Fax: (561) 682-6374
74	River Forest	Boat ramp & finger pier construction	2/2/04 - 5/3/04	264,200	Sunland Development, Inc. 250 South Central Boulevard, Suite 207 Jupiter, FL 33458 Jim Brown (561) 354-0174 Fax: (561) 354-0200
73	S-97 Scour Hole Repair	Installation of armour stone for erosion protection	4/12/04 - 9/9/04	453,400	South FL Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Tom McKernan (561) 682-6325 Fax: (561) 682-6374
72	Forrest Park Infrastructure	Underground utilities and site work for subdivision	3/15/04 - 7/15/04	210,300	City of Stuart 121 SW Flagler Avenue Stuart, FL 34994 Debra Spivey (772) 288-2927 Fax: (772) 288-5381
71	S5A Trash Rakes	Demolition of buildings, installation of trash rakes, water screen & piping, and paving, in Western Palm Beach County	6/01/04 - 5/26/05	3,043,500	South FL Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Jose Guardiaro (561) 682-6325 Fax: (561) 682-6374
70	Shingle Creek Pedestrian Bridge	Installation of pedestrian bridge over waterway	06/04 - 10/04	131,900	South FL Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Tom McKernan (561) 682-6325 Fax: (561) 682-6374
69	Stuart Stormwater (Annual Contract)	Storm drainage improvements, construct & install misc. improvements in city	08/04 - 08/05	251,200	City of Stuart 121 SW Flagler Avenue Stuart, FL 34994 Frank Thomas, III (772) 288-5308 Fax: (772) 283-5107
68	MC Annual Bridge Construction & Repair (Annual Contract)	Repair existing bridges and misc. structures, bridge construction & replacement	04/04 - 04/05	141,800	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34998 Scott Webber, P.E. (772) 288-5472 Fax: (772) 288-5955
67	Peanut Island	Timber boardwalks, concrete floating dock access and Weir and riser construction	11/03 - 05/04	574,700	Army Corps of Engineers J.E. McAmis (Prime) 3125 Southgate Lane Chico, CA 95928 Scott Vandegrift (530) 891-5061 Fax: (530) 891-0904

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
66	Renewed Annual Agreement for Stormwater	Pipe, inlet and misc. 1 year contract	12/03 - 12/04	475,000 Estimated	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Scott Webber, P.E. (772) 288-5472 Fax: (772) 288-5955
65	Airfield Drainage Improvements	Stormwater detention excavation and misc. pipe and structures	10/03 - 02/04	269,100	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Michael Moon (772) 221-2374 Fax: (772) 221-2381
64	Golden Gate Phase III	Stormwater treatment construction including pipe, structures and wetland planting	10/03 - 04/04	317,500	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Greg Nolte (772) 288-5400 Fax: (772) 288-5955
63	Renewed Annual Bridge Project	Repair existing bridges and misc. structures	04/03 - 04/04	465,900	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 David Paoleschi (772) 288-5400 Fax: (772) 288-5955
62	Tropic Vista	Stormwater drainage and excavation	08/03 - 06/04	2,404,200	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Greg Nolte (772) 288-5400 Fax: (772) 288-5955
61	Valkaria Road	Box culverts	09/03 - 12/03	256,400	Brevard County B.O.C.C. Dickerson Florida, Inc. (Prime) Post Office Drawer 719 Stuart, FL 34995 Bernie Barrile (772) 287-6820 Fax: (772) 287-4660
60	M-Canal Widening	Canal excavation, berm and park construction	02/03 - 01/04	3,160,200	City of West Palm Beach 1000-45th Street, Suite 15 West Palm Beach, FL 33407 Steve Sarley (561) 659-8040 Fax: (561) 659-8039
59	Annual Agreement for Stormwater	Pipe, inlet and misc. 1 year contract	12/02 - 12/03	476,000	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Scott Webber, P.E. (772) 288-5472 Fax: (772) 288-5955
58	Moore's Creek Retrofit Phase 3 & 4	Bridge replacements and box culverts	03/03 - 12/03	1,153,300	City of Ft. Pierce PO Box 1480 Fort Pierce, FL 34954 Nicholas Mimms (772) 460-2200 Fax: (772) 460-6847
57	Moore's Creek Retrofit Phase 2	Bridge replacements and box culverts	02/03 - 08/03	259,600	City of Ft. Pierce Dickerson Florida, Inc. (Prime) Post Office Drawer 719 Stuart, FL 34995 Bernie Barrile (772) 287-6820 Fax: (772) 287-4660
56	Lakewood Park Recreational Path Improvements	Pedestrian bridges pipe, headwalls and sidewalk	03/03 - 06/03	401,000	St. Lucie County B.O.C.C. 2300 Virginia Avenue Ft. Pierce, FL 34982 Mike Harvey (772) 462-1717 Fax: (772) 462-2362

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
55	Renewed Annual Bridge Project	Repair existing bridges and misc. structures	04/02 - 04/03	385,400	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 David Paoleschi (772) 288-5400 Fax: (772) 288-5955
54	River Landing Boat Ramp	Boat ramp construction	2/1/03 - 2/27/03	57,700	River Landing Property Owners Assoc. 1000 SE Monterey Comm Boulevard, 101 Stuart, FL 34996 John Brady (772) 220-9424
53	Salerno Box culverts	Box culvert and structures	03/03 - 06/03	648,900	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 David Paoleschi (772) 288-5400 Fax: (772) 288-5955
52	Annual Park Enhancement	Marine and park related projects	02/03 - 02/04	Varies	Martin County Parks Department 2401 SE Monterey Road Stuart, FL 34996 Patrick Vicknair (772) 221-1327 Fax: (772) 221-1333
51	FL Pierce Inlet Boat Ramp	Excavation and installation of 4 boat ramps with concrete bulkheads and floating docks	09/02 - 01/03	413,400	St. Lucie County B.O.C.C. Community Asphalt Corp. (Prime) 5100 29th Court Vero Beach, FL 32967 Bob Bounds (772) 770-3771 Fax: (772) 770-3707
50	Manatee Cove Road Bridge	Bridge construction	10/01 - 02/03	322,400	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 David Paoleschi (772) 288-5400
49	Salerno Creek Retrofit	Construction of pond, water control structures, pedestrian boardwalk & amenities	07/01 - 03/03	2,433,100	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Scott Webber (772) 288-5400 Fax: (772) 288-5955
48	Annual Bridge Project	Repair existing bridges and misc. structures	04/01 - 04/02	495,200	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 David Paoleschi (772) 288-5400 Fax: (772) 288-5955
47	Golden Gate Phase I & II Improvements	Construction of pond, water control structures, and amenities	03/02 - 01/03	1,105,200	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 David Paoleschi (772) 288-5400 Fax: (772) 288-5955
46	Jonathan Dickinson State Park Dock & Boat ramp	Dock & Boat Ramp	03/02 - 11/02	232,300	State of Florida Department of Environmental Protection 3540 Thomasville Road Tallahassee, FL 32309 Kimsey Helms (850) 488-3572 Fax: (850) 488-3537
45	Currie Park Bulkhead and Boat ramp	Concrete Bulkhead and Boat ramp	02/02 - 09/02	407,400	City of West Palm Beach PO Box 3506 West Palm Beach, FL 33402-3506 Richard Bohrer (561) 659-8040 Fax: (561) 659-8039

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
44	Header Canal No.59 & Goldsmith Rd.	Steel Sheet Pile Wall	02/02 - 08/02	314,300	St. Lucie County B.O.C.C. 2300 Virginia Avenue Ft. Pierce, FL 34982 Scott Isberner (772) 462-1707 Fax: (772) 462-2362
43	Cortez Blvd. Culvert Replacement	Culvert and Headwall Construction	03/02 - 08/02	124,300	St. Lucie County B.O.C.C. 2300 Virginia Avenue Ft. Pierce, FL 34982 Chester Belcher (772) 462-1700 Fax: (772) 462-1704
42	17th St. fender repair	Bridge Fender Repair	03/02 - 05/02	244,100	Florida Department of Transportation M & J Construction, Inc. (Prime) PO Box 698 Tarpon Springs, FL 34688-0698 Rick Baber (727) 938-6478 Fax: (727) 934-4665
41	Various Bridge Repairs	Fender Repair	1998 - 2002	142,200	Florida East Coast Railway PO Box 1048 St. Augustine, FL 32085-1048 R.D. Kendall (904) 669-5578 Fax: (904) 826-2290
40	Crooked Creek Bulkhead & Dredging	Steel sheet pile wall and dredging	11/01 - 02/02	194,100	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 David Paoleschi (772) 288-5400 Fax: (772) 288-5955
39	Philpps Ocean Park Dune Walkover	Dune Walkover	01/02 - 03/02	174,800	Town of Palm Beach 951 Old Okeechobee Road, Suite D West Palm Beach, FL 33401 Paul Brazil (561) 838-5440 Fax: (561) 835-4691
38	Pollak Park Boat ramp	Concrete Boat ramp with Aluminum floating docks	09/01 - 11/01	174,300	City of Palm Bay 120 SE Malabar Road Palm Bay, FL 32907-3009 Michael Nixon (321) 952-3437 Fax: (321) 953-8920
37	Salerno Weirs	Repair and/or construction of 4 separate Weirs	08/01 - 11/01	152,800	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 David Paoleschi (772) 288-5400 Fax: (772) 288-5955
36	Twin Rivers Shoreline Restoration	Construct Shoreline Stabilization	05/01 - 08/01	370,300	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 Patrick Vicknair (772) 221-1376 Fax: (772) 221-1333
35	Fort Pierce City Marina	Removal and replacement of existing piers, docks, and utilities	07/01 - 11/01	861,200	City of Fort Pierce 100 N US 1 Fort Pierce, FL 34950 Ed Seisslger (772) 484-1245 Fax: (772) 595-9948

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
34	Lock Refurbishment	Replace Fender System	05/01 - 07/01	219,900	South Florida Water Management District M & J Construction Company (Prime) PO Box 698 Tarpon Springs, FL 34688-0698 James Boutzoukas (727) 938-6478 Fax: (727) 934-4665
33	67th Drive Bridge Repair	Repair and renovation of the existing bridge	07/01 - 11/01	158,600	Okeechobee B.O.C.C. 499 NW 5th Avenue Okeechobee, FL 34972 Jim Threewits (863) 763-4458 Fax: (863) 763-4458
32	Boardwalk Restoration	Access structure repair and access structure conversion to handicap accessible	02/01 - 04/01	115,300	Town of Indianalantic 216 Fifth Avenue Indianalantic, FL 32903 Chris Chinualt (321) 723-2242
31	Bulkhead and Pump Assembly Installation	Installation and removal of water pumps	01/01 - 01/02	161,800	South Florida Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Craig Wilson (561) 682-4447
30	Warner Creek, Crooked Creek, Willoughby Creek	Repair and/or construction of 3 separate Weirs	02/01 - 06/01	182,100	Martin County B.O.C.C. 2401 SE Monterey Road Stuart, FL 34996 David Paoleschi (772) 288-5400
29	Dupuis Fishing Platform	Fishing pier constructed of H.D.P.E. plastic lumber	02/01 - 06/01	159,900	South Florida Water Management District 3301 Gun Club Road West Palm Beach, FL 33406 Craig Wilson (561) 682-4447
28	Vero Beach Ebbtide Bridge	Removal & replacement of a low level single span bridge	10/00 - 02/01	363,300	Martin County B.O.C.C. 2401 SE Monterey Street Stuart, FL 34996 David Paoleschi (772) 288-5400
27	Bulkhead Installation	Installation of 931 linear feet of bulkhead	06/00 - 11/00	520,400	City of Vero Beach Dickerson Florida, Inc. (Prime) P.O. Drawer 719 Stuart, FL 34995 Doug Flynn (772) 287-6820 Fax: (772) 287-4660
26	Bulkhead Installation	Installation of 250 linear feet of bulkhead on Jupiter Inlet Colony	03/00 - 08/00	198,500	Private Resident Construction Technology (Prime) P.O. Box 16576 West Palm Beach, FL 33416-6576 Scott Groomes (561) 683-7495
25	Bridge Replacement	Removal and replacement of Citrus Blvd. Bridge a 3 span low level bridge.	05/00 - 09/00	624,000	Martin County B.O.C.C. 2401 SE Monterey Street Stuart, FL 34996 David Paoleschi (772) 288-5400 Fax: (772) 288-5955
24	Sebastian Boat Access	Dredging of boat access & rock groin construction	10/00 - 12/00	99,100	Dept. of Environmental Protection 3900 Commonwealth Boulevard Tallahassee, FL 32399-3000 Fredrick Hand (850) 488-6433
23	East Fork Weir	Installation of a steel sheet pile weir & approx. 2000 linear feet concrete retention wall	10/00 - 01/00	320,200	Martin County B.O.C.C. 2401 SE Monterey Street Stuart, FL 34996 David Paoleschi (772) 288-5400 Fax: (772) 288-5955

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
22	Sailfish Pt. Marina Repair	Removal & replacement of 60 linear feet of concrete	10/00 - 11/00	85,300	Sailfish Homeowners 2201 SE Sailfish Point Boulevard Stuart, FL Will Whitson (772) 225-1000 Fax: (772) 225-1213
21	Domino Boat Ramp	Bulkhead boat ramp, dock & parking area construction	05/00 - 08/00	163,300	Hillsborough County Florida P.O. Box 1110 Tampa, FL 33601 David Cook (813) 272-5912 Fax: (813) 272-0763
20	Bulkhead Installation	Installation of 4,750 linear feet of bulkhead	03/99 - 03/00	1,901,200	Watermark Communities, Inc. Construction Technology P.O. Box 16576 West Palm Beach, FL 33416 Scott Groomes (561) 683-7495 Fax: (561) 683-7522
19	Bulkhead Installation	Installation of 2,806 linear feet of bulkhead	03/99 - 12/99	1,146,700	Pulte Home Corporation 1350 East Newport Center, Suite 200 Deerfield Beach, FL 33442 Mike Griffin (954) 428-6100 Fax: (954) 428-9700
18	Tram Bridge Redecking	Replacement of 1850 linear feet of bridge decking	10/99 - 01/00 01/01 - 01/01	519,500	Dept. of Environmental Protection 3900 Commonwealth Boulevard Tallahassee, FL 32399-3000 Kimsey Helms (850) 488-6433 Fax: (850) 488-3537
17	John D. MacArthur Hurricane	Added piling and extended handicap ramp & repaired dune crossovers	12/99 - 01/00	109,700	Dept. of Environmental Protection 3900 Commonwealth Boulevard Tallahassee, FL 32399-3000 Kimsey Helms (850) 488-6433 Fax: (850) 488-3537
16	Ft. Pierce City Marina Rehabilitation	Demolition of existing piers and installation of new piers and breakwater including mooring piles and dredging	03/98 - 11/98	1,377,500	City of Ft. Pierce P.O. Box 1480 Ft. Pierce, Florida 34954 Jack Andrews (561) 460-2200
15	Audubon Causeway Bulkhead Replacement	Bulkhead replacement	02/99 - 05/99	297,100	Town of Manalapan 600 South Ocean Boulevard Manalapan, FL 33462 Mike Cochran (Taylor Eng.)
14	Wooten Park Boat Ramp	Installation of boat ramp and dock	02/00 - 03/00	66,800	City of Tavares Farner Barley & Associates, Inc.(Engineer) 350 North Sinclair Avenue Tavares, FL 32778 Robert Ern, Jr., P.E. (352) 343-8481
13	Dr. J.R. Smith Boardwalk Extension	Installation of 434 linear feet of wooden boardwalk	03/00 - 06/00	125,200	City of Orlando 400 South Orange Avenue Orlando, FL 32801 Jose Baerga (407) 246-2261
12	Ocean Shoreline Restoration Project	Furnishing & installation of 8,000 cy of beach sand	01/00 - 02/00	285,500	Town of Melbourne Beach 507 Ocean Avenue Melbourne Beach, FL 32951 Nancy Clummo (321) 724-5860
11	Oxford Lake Outfall	Construction of water control structure	05/99 - 05/99	67,600	City of Casselberry Triplet Lake Drive Casselberry, FL 32707 Brian McNamara (407) 262-7725
10	Goode Park Boat Ramp	Boat ramp replacement	11/99 - 12/98	92,100	City of Palm Bay 120 Malabar Road SE Palm Bay, Florida 32907 Jeff Whitehead (407) 984-9336

NO.	PROJECT NAME	DESCRIPTION OF WORK PERFORMED	START/COMP DATE	CONTRACT AMOUNT	OWNER/CLIENT/FIRM ADDRESS CONTACT PHONE
9	Pedestrian Bridge	Installation of steel pedestrian bridge	03/98 - 03/98	48,000	City of Ft. Pierce P.O. Box 1480 Ft. Pierce, Florida 34954 Jack Andrews (772) 460-2200 Fax: (772) 595-9948
8	Bridge Fender System Repair	Jensen Beach Causeway bridge fender repair	10/98 - 10/98	240,600	F.D.O.T. 3601 Oleander Avenue Ft. Pierce, FL 34982 Gerritt Barber (561) 489-7130
7	Lake Miccosukee Water control Structure	Construction of water control structure	09/97 - 03/98	504,800	FL Game & Fr. Water Fish Comm. 620 South Meridian Street Tallahassee, FL 32399 Dr. M. Madkour (850) 488-4066
6	Bartram Island Training Wall Rehabilitation	Stone revetment construction on Bartram Island	03/98 - 07/98	728,700	U.S. Corps of Eng 4070 Boulevard Center Drive, Suite 201 Jacksonville, FL 33686 Tommy Gaston (904) 232-2086
5	MacDill AFB Shoreline Rehabilitation	Installation of concrete mats along shore for shore protection	01/98 - 03/98	368,000	6TH Contracting Squadron/LGCC 2606 Brown Pelican Avenue MacDill AFB, FL 33621 SrA. Melinda Treen (800) 950-9784
4	Booker Creek	Stone riprap	02/98 - 03/98	118,300	City of St. Petersburg P.O. Box 2842 St. Petersburg, FL 33731 Thomas Gibson, P.E.
3	Boardwalk Replacement	Boardwalk replacement	01/98 - 02/98	104,400	City of Delray Beach 100 NW 15th Avenue Delray Beach, FL 33444 Jose Aquila (561) 243-7115
2	Gap Closures Phase 2	Jetty along river bank	06/97 - 08/97	164,700	Jupiter Inlet District 400 Delaware Boulevard Jupiter, FL Applied Technology Management Greg Braun - (561) 659-0041
1	Lauder Estate	Seawall repairs	10/97 - 12/97	108,600	Estes Lauder Estate Palm Beach, FL Engr.-Ron Dixon (561) 684-1279

Plan for Dredging & Disposal for Dania Cutoff Canal Project

1. Minimizing Environmental Impact & Permit Compliance

Within 10 days of the Notice to Proceed, Lucas would submit a job specific Environmental Protection Plan in accordance with the Specifications. However, we're already well aware of the sensitive environmental issues and permit responsibilities this project brings. As natives of this area, we understand the sensitivity needed in working along the Florida Coast and Canals. This is something that is not new to us, we have worked in sensitive environmental marine environments for decades performing some of the most challenging work safely and in full recognition of the environment that we work in and leave behind when our projects are complete. We recognize specifically on this project the need to:

- Control turbidity by utilizing turbidity curtains and monitor their condition and effectiveness throughout the project
- Have a detailed spill prevention plan that includes a spill contingency procedure and methods for dealing with erosion and sedimentation control
- Prevent oil and other hazardous materials from entering the marine environment, ground or drainage systems including specific standards for the dredging area as well as the Dredge Material Management Area
- Protect wetlands and marine vegetation by identifying sensitive areas pre-construction and maintaining safe performance standards in relation to them for the life of the contract
- Protect wildlife resources and maintain standard protocols for the protection of manatees, small-tooth sawfish and sea turtles while working in the water

2. Quality Control

This project will have a job specific quality control plan developed to assure adherence to the requirements and standards of the specifications and the performance expectations of the contract. Lucas recognizes that the QC program will be a key ingredient for the successful implementation of Dania Cutoff Canal Deepening Project. All workers and any subcontractors and suppliers will be asked to sign onto the QC Plan and acknowledge the standards and protocols called for therein. The QC system will also establish a system for receipt and issuance of correspondence and documentation during the course of the project. Any revisions or corrections to the contract documents will be administered and maintained as well as any revision in contract drawings. Hard copy documentation will be date stamped upon receipt and logged in Documentation may be distributed in one of two ways, electronically or in hard-copy format. Documentation will be distributed to the proper party by the Project Manager. Electronic distribution will be distributed to the Project Manager's directives and a hard copy will be filed. In addition to the ministerial aspects of the QC Plan as to the handling of documentation and correspondence on the project, the Plan will establish quality control standards for environmental protection of marine and wetland resources, wildlife and habitat and be integrated into the execution of the project specific Environmental Protection and Management Plan referenced above.

3. Productivity & Operations Plan

While we understand that a formal work plan is to be submitted within 14 days of Notice of Award and that this plan will detail specific sequencing, dredging methodology and procedures for transport and placement of material, we plan to approach the contract as outlined below:

- Set up Dredging Unit for narrow channel (25') dredging using excavator (equipped with hydraulic environmental bucket) on Flexi Floats with estimated production of 200-250 CY per day working daylight hours only for estimated production of 1,200 to 1,500 CY/Week
- Set up Dredging Unit for wide channel dredging (50' and greater) using associated hopper barges with estimated production of 700-800 CY per day and weekly anticipated production of 4,200-4,800 Cubic Yards
- Transport material barges to Dredge Material Management Area where a crane mounted on a barge will transfer material over the dike walls for drying, placement and compaction consistent with the Contract Specifications

4. Major Equipment

The major equipment we have identified for the execution of the contract is as follows:

- Caterpillar 385 equipped with 5 CY hydraulic environmental bucket
- 8 Flexi Floats to be used in conjunction with the CAT 385 excavator
- 4 hopper barges of approximate size of 195' x 43'
- Barge mounted offloading crane at DMMA
- Caterpillar 966 Loader and Caterpillar D6 bulldozer to move and compact material in the DMMA



WASTE MANAGEMENT

2700 NW 48th Street
Pompano Beach, FL 33073

Mr. Darren Lucas
Lucas Marine Construction

September 26th, 2011

Re: Dania Cutoff Canal – Deepening Project

Dear Mr. Lucas:

As per your request, Waste Management Inc. of Florida (WMIF) is providing the comments and statements below regarding the handling of the sediment of the Dania Cutoff Canal project:

- 1) Regarding Disposal by WMIF, the work will be conducted in accordance with the solid waste permits of Monarch Hill landfill (WMIF). Provided the material meets the Residential Reuse Criteria for clean fill, the material will be used to fill a lake on the property. If the material meets the Residential Reuse Criteria but is not geotechnically suitable for filling the lake then the material will be beneficially reused at the landfill. Should the material not meet the Residential Reuse Criteria then the material will be placed within the lined areas of the Class I landfill in accordance with the Solid Waste permits for the facility.
- 2) Regarding Disposal, by WMIF the inbound material will be tracked according to load and weight tickets and every 5000 tons of material will be tested and provided to WM by the contractor to determine if it meets the Residential Reuse Criteria. The material will then be handled on site and deposited in the areas appropriate to meet the requirement of the solid waste permits for the site.
- 3) The site will be available to receive materials at a rate to accommodate the project. Current hours of operation are 5 a.m. – 5 p.m. Mon- Fri.
- 4) Zone: A-6 (solid waste disposal facility zoning)
Address: 2700 N.W. 48th Street, Pompano Beach FL 33173
Owner: Waste Management Inc of Florida
Size: 400 acres
Approximately 19 miles from Port Everglades
Property Currently used for Class I solid Waste

Please feel free to contact me if you have any questions or if you wish to discuss the project further.

Sincerely,

A handwritten signature in black ink, appearing to read 'George Cubas', written over a horizontal line.

George Cubas
Industrial Waste Account Manager

Cc: Bryan Tindell

From everyday collection to environmental protection, Think Green® Think Waste Management.

Project Lists

Mechanical Dredging Projects

Hudson River Sediment Remediation Phase I
Discovery Bay Dredging
Norfolk Naval Shipyard Dredging
Howland Hook Marine Terminal Dredging
Kinder Morgan-Staten Island: Maintenance Dredging
Cheatham Annex Naval Weapons Station Maintenance Dredging
Navigation Channel Maintenance Dredging
Bath Iron Works Sinking Basin
Green Harbor Channel & Anchorage
New Bedford Harbor CAD Cell 2 – Bottom of CAD Cell
Norwalk Maintenance Dredging Phase II
Fairhaven Terminal Dredging Project
39th Street Marine Terminal
Fore River Maintenance Dredging
New Jersey Marine Terminal
Norwalk Maintenance Dredging Phase I
Lower Passaic River Dredging
New Bedford Harbor Dredge Phase II – Remainder of North Terminal & Fairhaven Areas
New Bedford CAD Cell Construction & Capping EPA OU#3
New Bedford Harbor Dredge Phase II – Fish Island & Top of CAD Cell
Kill Van Kull Contract 8

Dredging Projects 40'+

Discovery Bay Dredging
Norfolk Naval Shipyard Dredging
Howland Hook Marine Terminal Dredging
Bath Iron Works Sinking Basin
39th Street Marine Terminal
Fore River Maintenance Dredging
New Jersey Marine Terminal
Kill Van Kull Contract 8

Dense Sand/Hard Rock Projects

New Bedford Harbor CAD Cell 2 – Bottom of CAD Cell
New Bedford CAD Cell Construction & Capping EPA OU#3
Kill Van Kull Contract 8

Environmental Clamshell Projects

Hudson River Sediment Remediation Phase I
Kinder Morgan-Staten Island: Maintenance Dredging
Cheatham Annex Naval Weapons Station Maintenance Dredging
Navigation Channel Maintenance Dredging
Green Harbor Channel & Anchorage
Norwalk Maintenance Dredging Phase II
39th Street Marine Terminal
New Jersey Marine Terminal
Norwalk Maintenance Dredging Phase I
Lower Passaic River Dredging
New Bedford Harbor Dredge Phase II – Remainder of North Terminal & Fairhaven Areas
New Bedford Harbor Dredge Phase II – Fish Island & Top of CAD Cell



Lucas Marine Acquisition Company, LLC

September 27, 2011

To Whom It May Concern:

Lucas Marine Acquisition Company, LLC (LMAC) is a high quality solutions provider to the heavy civil and marine construction industry. As a newly formed entity, LMAC controls the assets of and employs the key construction professionals of Lucas Marine Construction, LLC (est. 2005) and Lucas Marine Construction, Inc. (est. 1987).

For the purpose of this bid, we have provided the project experience achieved by Lucas Marine as well as that of Jay Cashman, Inc., a related company and one of the preeminent marine and general contractors on the East Coast. JCI and LMAC share a common owner and we believe it is beneficial to demonstrate the financial strength and resources of JCI as a related entity. As such, we can draw on the experience and resources, both financial and personnel, in performing even larger and more complex projects than we have in our storied past.

Lucas Marine's expertise in marine construction is unparalleled in the industry. Our staff is comprised of highly skilled and knowledgeable professionals with extraordinary experience in marine construction. We also now have assistance from Cashman's seasoned professionals who have constructed similar projects from New England to South Florida.

Another advantage to our relationship with Cashman is access to the virtually unlimited equipment resources of Sterling Equipment, Inc. (an affiliate of Jay Cashman, Inc.). Every type (and size) equipment necessary to construct this project is available from within our fleet. A partial list of available equipment is attached for your reference.

Our bonding capacity, insurances, and other financial resources have been greatly expanded by this relationship, which uniquely qualifies us to perform the work without interruption, distraction, or delay.

If you have any questions concerning the nature of the relationship between LMAC and Cashman, please do not hesitate to contact us. We look forward to the opportunity to work with you.

Sincerely,

The Staff at Lucas Marine Acquisition Company, LLC

HUDSON RIVER SEDIMENT REMEDIATION PHASE 1 PROJECT – Fort Edward, NY

Awarding Authority/Owner
General Electric

Owner Contact Person
Timothy Kruppenbacher
518-746-5700

Construction Manager
Parsons

Contractor
Cashman Dredging and Marine Contracting Co., LLC

Dollar Value
Confidential



Figure 1: Overview of Hudson River dredging locations



Figure 2: Dredging in CU18

Project Highlights

Sediment Remediation Phase 1 — Fort Edward, NY

- One of the largest polychlorinated biphenyl (PCB) sediment remediation projects in U.S. history.
- Required dredging of 290,000 CY of TSCA regulated PCB impacted materials from the Hudson River and Navigation material from the Champlain Canal with US EPA oversight.
- Precision dredging was conducted to a specified tolerance.
- Included the construction and removal of a 60,500 SF sheet pile cofferdam along with dredging both inside and outside the sheeting. (see figure 2 above)
- Required the placement of over 2 million square feet of single and multi layer backfill, and capping layers.
- Included the placement of different shoreline protection measures depending on shoreline cut depth and river velocity.

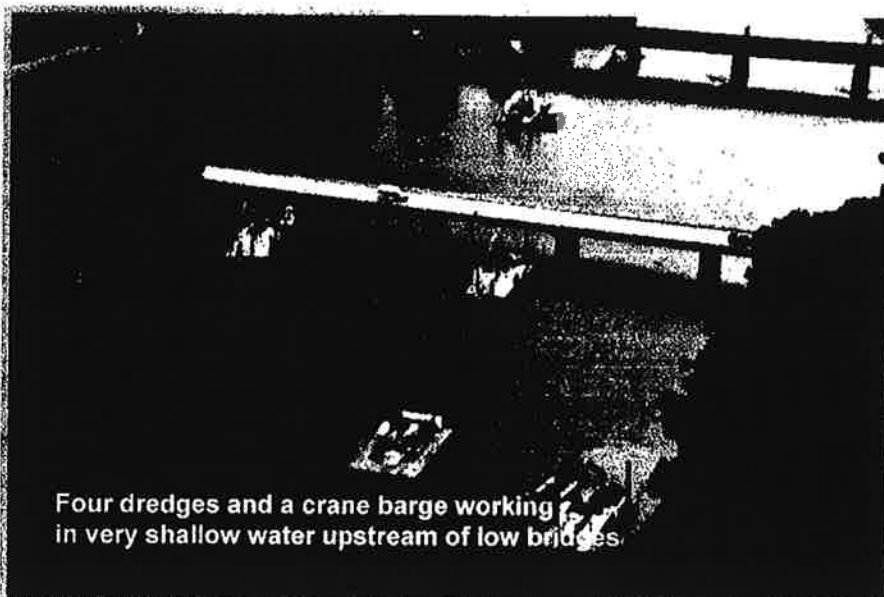
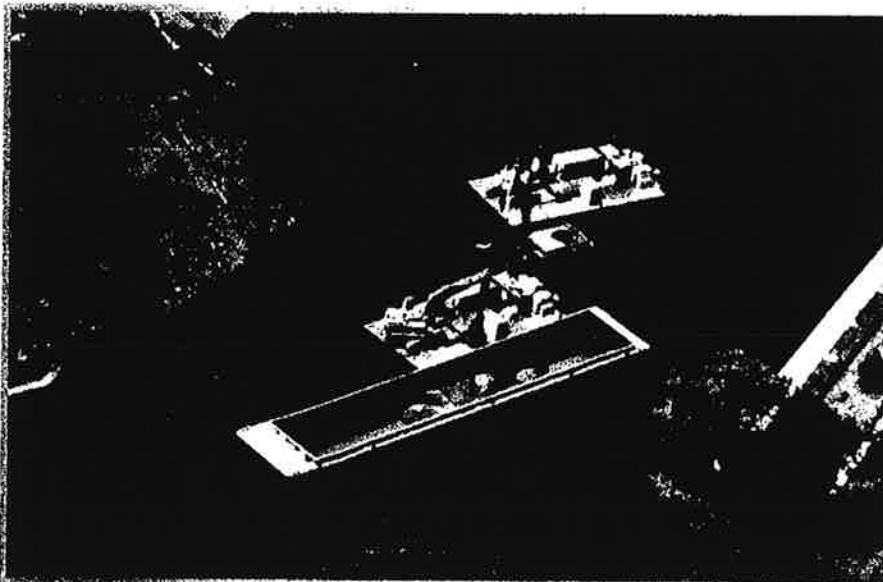


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HUDSON RIVER SEDIMENT REMEDIATION PHASE 1 PROJECT – Fort Edward, NY

- Required working 24/6 in two 12 hour shifts with up to 15 dredge platforms, 20 hopper barges, 10 deck barges, 20 tug boats, and 13 support vessels to complete the project
- Additional work included:
 - Initial tree trimming and removal along shoreline.
 - Debris removal of previously identified targets prior to dredging.
 - Installation of resuspension control devices including a rock dike with flow control valves, a silt curtain access gate, and conventional silt curtains.
 - Real Time Turbidity Monitoring of dredging and backfill operations.
 - Quality of Life monitoring of Noise, Light, Odor, and Navigational Impacts.
 - Supported archeologists and divers in the investigation, evaluation, and removal of underwater remains of a wooden boat.



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DISCOVERY BAY DREDGING, JAMAICA

Awarding Authority/Owner

Noranda Jamaica Bauxite Partners

Contact Person

**Greg Douglass
Project Manager
858-509-3158**

Contractor

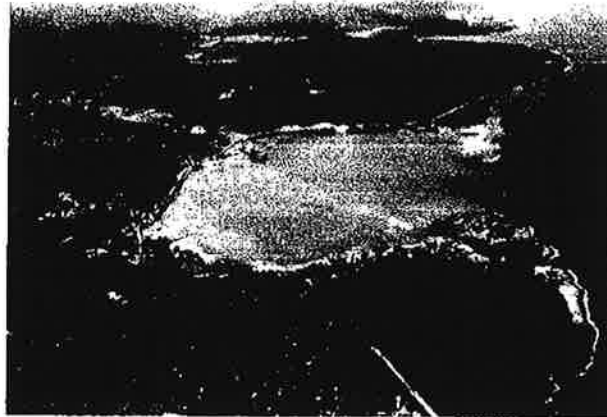
Cashman Dredging & Marine Contracting

Contract Dates

Oct. 2010 – Dec. 2010

Dollar Value

\$1.8 Million



Project Highlights

Noranda Jamaica Dredging & Marine Construction

- Mechanically removed 13,000 cubic yards of material
- Dredged material from both entrance channel & at facility loading dock
- Loaded material into bottom-dumping split hull scow and transported five nautical miles to offshore disposal location
- Performed dredging utilizing a 20 cubic yard environmental clamshell bucket
- Utilized silt curtains and a real-time turbidity monitor in order to minimize and monitor re-suspension of material in the vicinity of coral reefs surrounding the project area



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NORFOLK NAVAL SHIPYARD DREDGING

Awarding Authority/Owner
**Naval Facilities
 Engineering Command**

Contact Person
Richard Hart
757-396-8172

Contractor
**Cashman Dredging &
 Marine Contracting**

Contract Dates
Aug. 2010 – Nov. 2010

Dollar Value
\$2.85 Million



Project Highlights

Norfolk Naval Shipyard Dredging

- Mechanically removed 360,000 cubic yards of material
- Dredged material from both dry docks, wet slips and turning basin for the naval facility
- Loaded material into bottom-dumping split hull scows
- Transported dredged material approximately six nautical miles to the Craney Island Re-handling Basin
- Maintained strict quality control standards on project conducted at the East Coast's most active naval facility
- Performed operations within heightened security areas



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HOWLAND HOOK MARINE TERMINAL DREDGING

Awarding Authority/Owner
**Port Authority of
NY & NJ**

Contact Person
**Pamela Dunne
Resident Engineer
718-727-2111**

Contractor
**Cashman Dredging &
Marine Contracting**

Contract Dates
Oct. 2010

Dollar Value
\$2.29 Million



Project Highlights

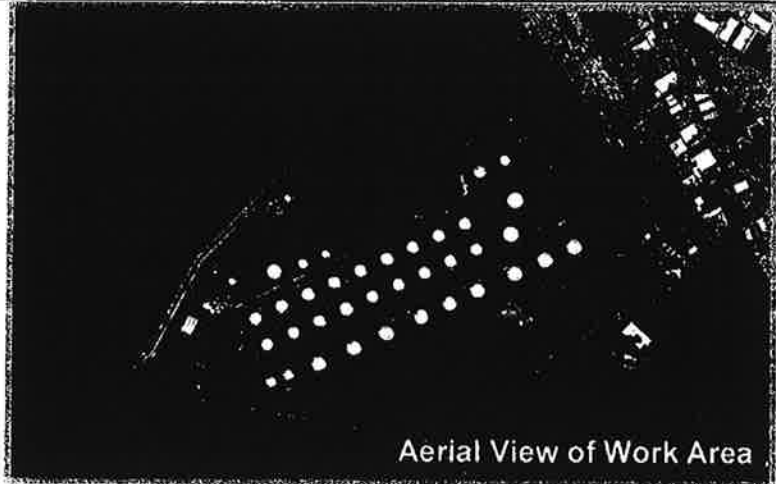
Howland Hook Terminal Dredging

- Mechanically removed 30,000 cubic yards of material
- Dredged material to depths in excess of 47' to maintain critical shipping terminal
- Loaded material into bottom-dumping split hull scow and transported to disposal location
- Performed dredging utilizing an environmental clamshell bucket
- Performed work in East Coast's largest marine port without disrupting time sensitive shipping

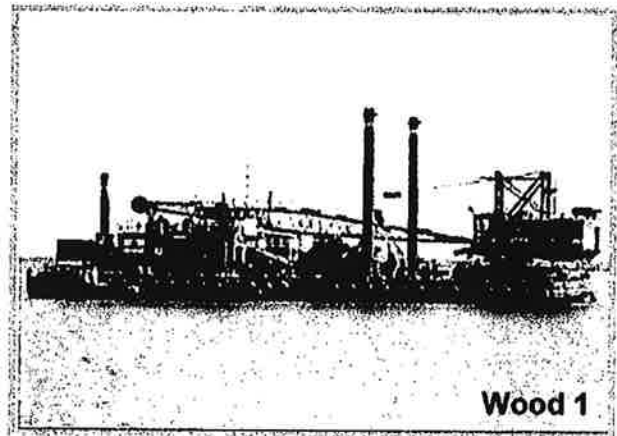


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KINDER MORGAN-STATEN ISLAND: MAINTENANCE DREDGINGAwarding Authority/Owner**Kinder Morgan Liquid Terminals, LLC**Owner Contact:**Roy McNamara
(718) 966-2015**Contractor**Cashman Dredging
& Marine Contracting**Contract Dates**August 2010 – September 2010**Dollar Value**\$1,878,102**

Aerial View of Work Area



Wood 1

Project Highlights

Kinder-Morgan Staten Island Terminal is a large petroleum terminal located at the southern end of Staten Island on the Arthur Kill waterway.

- The project required the dredging of a ship berth and two barge berths
- Project depths ranged from 20' plus 1' of payable overdepth to 32' plus 1' of payable overdepth.
- Material was loaded into hopper barges and dewatered on site.
- Decanted water required a 24 hour hold time prior to being decanted into the waterway.
- Dewatered material was barged to Clean Earth Technologies in Claremont, NJ and Keasby, NJ for processing and disposal.



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CHEATHAM ANNEX NAVAL WEAPONS STATION MAINTENANCE DREDGING – Yorktown, VA

Projects

Awarding Authority/Owner
**Naval Facilities Engineering
Command, Mid Atlantic**

Owner Contact
Willie Wells
757-847-7952

Contractor
**Cashman Dredging and
Marine Contracting Co., LLC**

Contract Number
N40085-09-C-8004

Contract Dates
Jul. 2010 – Aug. 2010

Dollar Value
\$2.8 Million



Barge: WOOD 1



Pumpout Rig

Project Highlights

**Cheatham Annex Naval Weapons Facility
Maintenance Dredging – Yorktown, VA**

- Mechanical removal of approximately 70,000 cubic yards of silt material utilizing the Dredge Wood I at the Pier CAD A at the Cheatham Annex.
- Sediments excavated using a 14 CY "CableArm" environmental clam shell style bucket.
- Material loaded into six (6) 3,000 CY hopper scows and transported via tug boat approximately 109 miles along the James and York River waterways to Shirley Plantation located in Charles City County, Virginia.
- Material unloaded from hopper scows utilizing an excavator mounted DAMEN DOP hydraulic pump.
- Material transported through 5,000 feet of 12 inch HDPE pipe and discharged at a settling pond location designated at the Shirley Plantation. Water from the settling pond was pumped through 5,000 feet of return pipeline and discharge to the waterbody.
- All work met or exceeded the project specific schedule and environmental constraints.



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NAVIGATION CHANNEL MAINTENANCE DREDGING – East Chester, NY

Awarding Authority/Owner

**US Army Corps of Engineers,
New York District
F-2009-0675(DA)**

Owner Contact Person

**Soon Lew
917-790-8531**

Project Engineers/Managers

USACE, NY District

Contractor

**Cashman Dredging & Marine
Contracting Co. LLC**

Contract Dates

Jun. 2010 – Aug. 2010

Dollar Value

\$3.6 Million



Project Highlights

Navigation Channel Maintenance Dredging – East Chester, NY

- Cashman performed maintenance dredging of the East Chester Creek Federal Navigation Channel
- Removed 25,000 CY of material utilizing a Caterpillar 375 excavator mounted on flexi-float barge system
- A five CY TGS environmental hydraulic clamshell bucket was used to load maintenance material into hopper barges
- Material was dredged to a project grade of -8' with an over depth of -1'
- Loaded hopper barges were dewatered into a decanting barge using a 6-inch Godwin hydraulic pump
- Hopper barges were moved to an offloading and processing facility with ultimate disposal at a permitted landfill site



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Bath Iron Works Sinking Basin – Bath, ME**Projects**Awarding Authority/Owner**General Dynamics – Bath Iron Works**Owner Contact**Pam Everett, Contracts Manager
207-443-3311**Project Engineers/Managers**General Dynamics – Bath Iron Works**Contractor**Cashman Dredging and Marine Contracting Co.****Dredge F.J. Belesimo – Bath Iron Works**Contract Dates**Nov. 2009 – Feb. 2010**Dollar Value**\$1.5 Million**

Project Highlights

Bath Iron Works Sinking Basin – Bath, ME

- Dredged approximately 30,000 CY of material from Bath Iron Work's 850 foot by 280 foot dry-dock sinking basin.
- Dredging was performed to depths of 75 feet with a one (1) foot over dredge allowance
- The work was completed using the clamshell dredge F.J. Belesimo with a 12 CY heavy digging bucket and one 4,000 CY split hull barge.
- Material was transported to the in river disposal site at Bluff Head, in the Kennebec River, located approximately 6 nautical miles from the dredging area.
- Cashman used a four point anchoring system instead of spuds to solve the challenges of in a current that flowed in excess of 5 knots.



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GREEN HARBOR CHANNEL & ANCHORAGE – Marshfield, MA

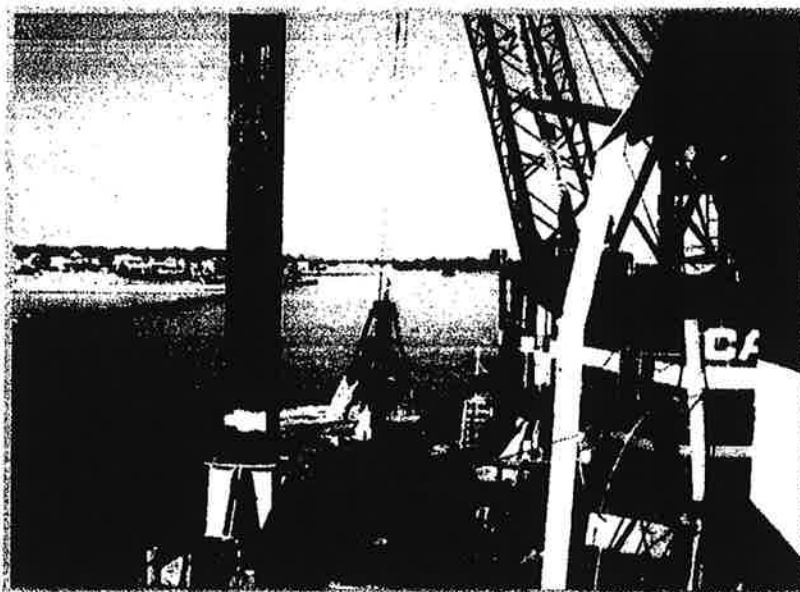
Projects

Awarding Authority/Owner
USACE

Project Engineers/Managers
USACE, New England District

Contact
Maurice Beaudoin
978-318-8223

Contractor
Jay Cashman, Inc.



Dredge Wood 1 working in the Green Harbor Channel

Contract Dates
Nov. 2009 – Jan. 2010

Dollar Value
\$1.6 Million

Project Highlights

Green Harbor Channel & Anchorage – Marshfield, MA

- Dredged approximately 100,000 CY with both near shore disposal and offshore disposal at the Massachusetts Bay Disposal area
- Disposal area was located 22 nautical miles from the dredging area
- The work was completed using the clamshell dredge Wood 1 with a combination of a 6 cy heavy digging bucket, a 14 cy bucket for softer material, and one 3,000 cy yard split hull barge



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Awarding Authority/Owner
**City of New Bedford,
Harbor Development
Commission**
(Contract# HDC-FY08-007)

Owner Contact
John Simpson
HDC Executive Director
(508)961-3000

Project Engineers/Managers
Apex Companies, LLC

Contractor
**Cashman Dredging and
Marine Contracting Co.,
LLC**

Contract Dates
Aug. 2009 – Oct. 2009

Dollar Value
\$2,854,250



Project Highlights

New Bedford Harbor CAD Cell 2 Bottom of
CAD Cell – New Bedford, MA

- Cashman dredged approximately 121,000 cubic yards, at a rate of 3,000 CY/day, of material utilizing the Captain A.J. Fournier excavator dredge during the construction of the New Bedford Harbor Confined Aquatic Disposal (CAD) cell #2. Cashman constructed the CAD cell for the relocation of PCB contaminated sediments within the harbor.
- Sediment removed during the construction of the CAD cell was loaded into split hull dump scows and transported to the Massachusetts Bay Disposal Site.
- Cashman owned and operated equipment utilized on the project consisted of the CAJF dredge, tug boats and three split hull dump scows including the Eddie Carroll, Mighty Quinn and the Joe Verrochie.



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NORWALK MAINTENANCE DREDGING PHASE II – Norwalk, CT

Projects

Awarding Authority/Owner

USCAE, New England District

Owner Contact Person

**Maurice Beaudoin
978-318-8223**

Project Engineers/Managers

USACE, New England District

Contractor

**Cashman Dredging and
Marine Contracting Co.**

Contract Dates

Oct. 2008 – Feb. 2009

Dollar Value

\$4.9 Million



CAT 375 with hydraulic clamshell attached

Project Highlights

Norwalk Maintenance Dredging – Norwalk, CT

- Cashman removed approximately 200,000 Cubic yards of dredged material, at a rate of 2,000 CY/day, from the Norwalk River and disposed of it at the Long Island Sound Disposal Site
- Some of the clean material was used for capping other offshore disposal site used throughout the project
- Channel and anchorage areas were dredged to depths ranging from -6 to -12 feet
- Work was completed on schedule in accordance with contract, state, local and other applicable regulations
- Project equipment included:
 - 5 CY Hydraulic Clamshell on a CAT 375
 - 14 CY Clamshell on a 2400 Lima
 - Barges from Sterling Equipment, SEI 2000, Mudcat, Joe Verrochi, and Mighty Quinn
 - Support Vessels: Tug Edna, Tug Lucinda Smith, Tug Whizzer and Survey 2



Cable arm clam shell bucket with overlapping side plates depositing material



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FAIRHAVEN TERMINAL DREDGING PROJECT — New Bedford, MA

Awarding Authority/Owner
**Woods Hole, Martha's
 Vineyard and Nantucket
 Steamship Authority**

Owner Contact

Bill Cloutier
508-548-5011

Contractor

Jay Cashman, Inc.

Contract Dates

Jul. 2008 – Aug. 2008

Dollar Value

\$ 1.4 Million



Project Highlights

Fairhaven Terminal Dredging Project – New Bedford, MA

- Maintenance and improvement dredging in the New Bedford area
- Temporary storage of material required removal, filtering and discharge of standing water
- Disposal of CAD cell #1 at a site north of Fish Island



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39th STREET MARINE TERMINAL – Brooklyn, NY**Projects**

Awarding Authority/Owner
**New York City Economic
 Development Corporation**

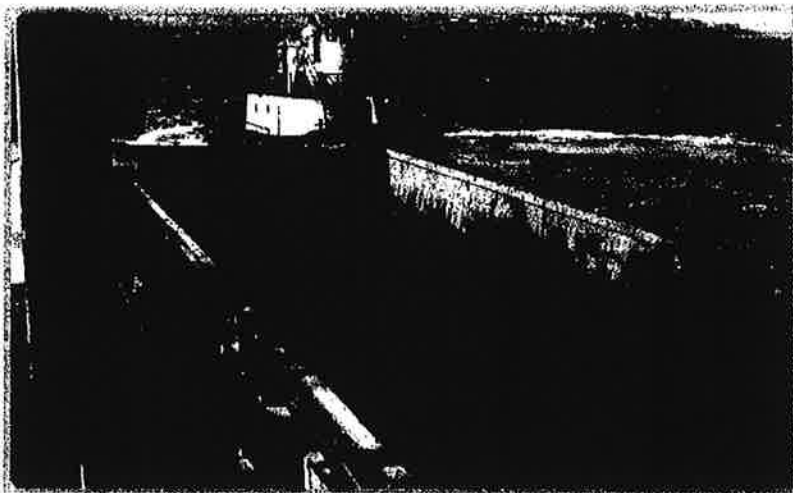
Owner Contact Person
Len Greco
212-312-3743

Project Engineers/Managers
Moffatt and Nichol

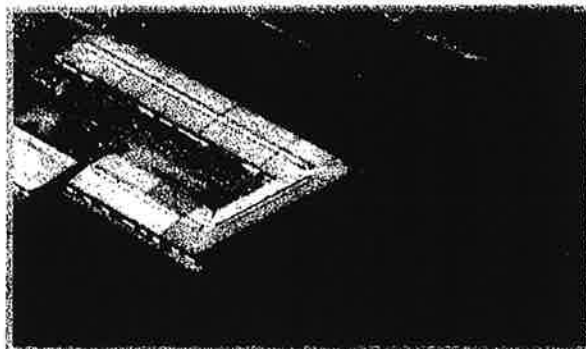
Contractor
**Cashman Dredging and
 Marine Construction Co.**

Contract Dates
Sept. 2007 – Dec. 2007

Dollar Value
\$4.6 Million



Material placed in scow for dewatering and treatment with Portland cement



Aerial view of project site, 39th Street Marine Terminal

Project Highlights

39th Street Marine Terminal – Brooklyn, NY

- Removed approximately 41,000 CY of sediments contaminated with petroleum and metals that were unsuitable for Open Water Disposal
- Sediments excavated using a 14 CY "Cable Arm" environmental clamshell style bucket
- Sediments were dewatered and treated with Portland cement in scows, then beneficially reused as capping material at the Fresh Kills Landfill Site in Staten Island, NY
- Work performed in accordance with required regulations and under the supervision of New York D.E.C.
- All work met or exceeded the project specific environmental constraints



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FORE RIVER MAINTENANCE DREDGING – WEYMOUTH, MA

Projects

Awarding Authority/Owner
USACE, New England District

Owner Contact Person
Maurice Beaudoin
978-318-8223

Project Engineers/Managers
USACE, New England District

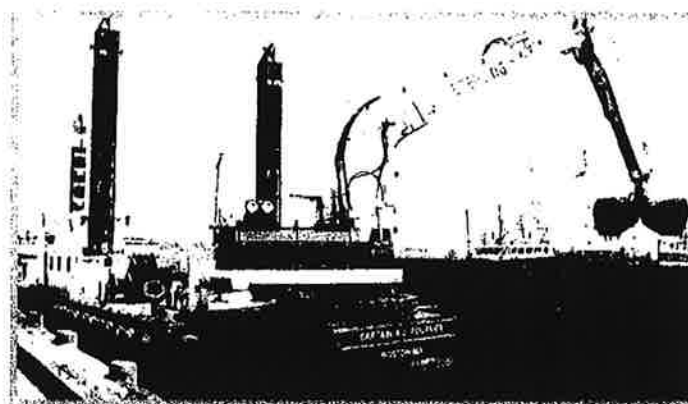
Contractor
Cashman Dredging and Marine Contracting Co., LLC

Contract Dates
Nov. 2006 – March 2007

Dollar Value
\$4.3 Million



2400 Lima excavating material from river



Liebherr 994

Project Highlights

Fore River Maintenance Dredging – Weymouth, MA

- Dredging of 311,788 CY of material from the 35-foot channel of the Fore River Federal Channel and Kings Cove maneuvering area
- Soft maintenance material was removed mechanically by a 2400 Lima equipped with an enclosed clamshell bucket and loaded into dump scows for disposal
- Hard material located in the navigation channel near Georges Island and off of Wessagussett Beach was removed using a Liebherr 994 equipped with a conventional open excavator bucket
- The Liebherr 994 and the 2400 Lima were used to remove material underneath the Washington Street Bridge
- Overflow of barges when being filled and transported was not permitted. Disposal of the dredge material was at the Mass Bay Disposal Site



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NEW JERSEY MARINE TERMINAL – Port Newark, NJ

Awarding Authority/Owner
**Port Authority of New York
 and New Jersey**

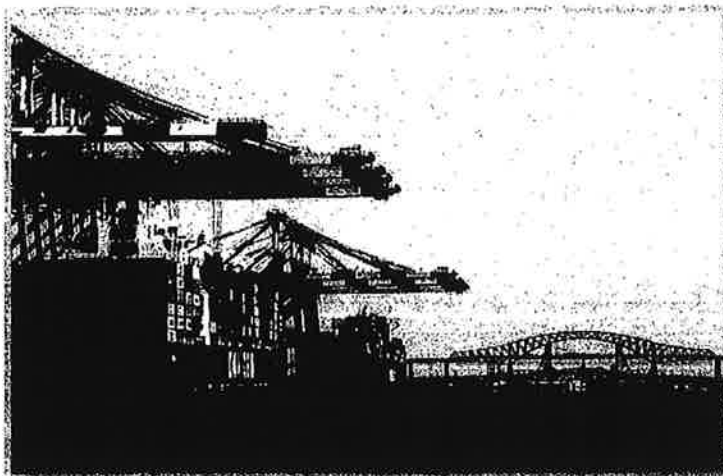
Owner Contact
Frank Wong
(973) 589-5169

Project Engineers/Managers
**Port Authority of New York
 and New Jersey**

Contractor
**Cashman Dredging and
 Marine Construction Co.**

Dollar Value
\$9.2 Million

Contract Dates
April 2004 – Aug. 2006



New Jersey Marine Terminal in Port Newark

Project Highlights

New Jersey Marine Terminal – Port Newark, NJ

- Dredging of 150,000 CY of contaminated (heavy metals and petroleum) fine sediments
- Mechanically dredged both Port Elizabeth and Port Newark, removing upwards of 250 cubic yards of material per hour during peak operation. Material was impacted with TPH, SVOC, and metals
- Sediments were excavated using a 14 cubic yard "cable arm" environmental clam shell style bucket
- Schedule was met despite working around heavy vessel traffic of bulk and general cargo freighters, tankers, container ships, etc.
- Sediments were stabilized with portland cement for upland placement as beneficial reuse material
- Material was dewatered and processed in accordance with the water quality criteria for New York and New Jersey and the A.U.D. issued by New Jersey D.E.P.



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NORWALK MAINTENANCE DREDGING PHASE I – Norwalk, CT**Projects**

Awarding Authority/Owner
USACE, New England District

Owner Contact Person
Maurice Beaudoin
978-318-8223

Project Engineers/Managers
USACE, New England District

Contractor
Jay Cashman, Inc.

Contract Dates
Nov. 2005 – Feb. 2006

Dollar Value
\$3.8 Million



The wood 1 Dredge excavating material from the Norwalk River

Project Highlights

Norwalk Maintenance Dredging - Norwalk, CT

- Excavated 150,000 Cubic Yards of material from the Norwalk River at a rate of 1,500 CY/day.
- Approximately 29,000 CY of the material was contaminated with polyaromatic hydrocarbons (PAH's) and heavy metals
- Built a Confined Aquatic Disposal (CAD) cell with a template for depositing contaminated material on the project site
- Remaining spoils were disposed of offshore via bottom dumping scows at the Long Island Sound Disposal Site
- The project was performed under the supervision and regulation of the USACE and was completed in accordance with all applicable regulations



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LOWER PASSAIC RIVER DREDGING – Newark, NJ

Awarding Authority/Owner
**New Jersey Department of
 Transportation—Office of
 Maritime Resources**

Owner Contact
Lisa Baron
609-530-4779

Project Engineers/Managers
NJDOT & USACE

Contractor
**Cashman Dredging & Marine
 Contracting Co., LLC**

Contract Dates
Dec. 2005 – Jan. 2006

Dollar Value
\$1.15 Million



View across river of dredging work well under way



Cable arm bucket and rinse tank

Project Highlights

Lower Passaic River Dredging—Newark, NJ

- NJDOT, USEPA, and USACE completed an *Environmental Dredging and Sediment Decontamination Technology Study* in December 2005 evaluating sediment removal and treatment as an option for cleaning up the Lower Passaic River
- Cashman removed approximately 5,000 CY of sediments unsuitable for Open Water Disposal with an 8 CY "CableArm" environmental clam shell style bucket
- Overall dredging occurred at a rate of approximately 1000 cubic yards per 12 hour workday
- Completed project within one year on a fast paced schedule, despite poor winter weather conditions that halted work
- Sediments were loaded into two 3,000 CY hopper scows and transported to the Bayshore Recycling, Inc. facility where they were off-loaded and stored for future remediation technology trials
- Proposed sediment processes included:
 - Endesco Clean Harbors attempted to thermally lock the contaminants into the material and produce construction grade cement
 - BioGenesis Enterprises, Inc. proposed a method that would use a patented sediment washing technology to produce a soil that could be used in multiple land-based applications



549 South Street
 PO Box 692396
 Quincy, MA 02269

jaycashman.com

NEW BEDFORD HARBOR DREDGE PHASE II REMAINDER OF NORTH TERMINAL & FAIRHAVEN AREAS – New Bedford, MA

Awarding Authority/Owner
**City of New Bedford,
Harbor Development
Commission
(Contract# HDC-6-705)**

Owner Contact
**John Simpson
HDC Executive Director
(508)961-3000**

Project Engineers/Managers
Apex Companies, LLC

Contractor
Jay Cashman, Inc.

Contract Dates
Jul. 2005 – Oct. 2005

Dollar Value
\$1,877,750



Project Highlights

**New Bedford Harbor Dredge Phase II Remainder of North
Terminal & Fairhaven Area – New Bedford, MA**

- Dredging was accomplished using the dredge Wood 1 equipped with a Lima 2400 crane and a closed environmental clam shell style bucket. A total of 40,000 CY were dredged at a rate of 1,400 CY/day.
- The basic cut width was 70 feet and dredging was taken to various design depths with 1 foot of allowable over-dredge.
- Material was placed in split hull dump scows for transportation from the dredging site to the CAD cell previously constructed in the harbor by Cashman for disposal.
- Dredging guidance was provided using "Clamvision" elevation marks on the cables holding the bucket along with correcting for the tide height.
- The dredge Wood 1's horizontal control was maintained using Oceanographic "HYPACK" software along with a "SPERRY" gyro.
- Surveys were conducted daily to ensure proper depths were met.



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Awarding Authority/Owner
**City of New Bedford,
Harbor Development
Commission
(Contract# HDC-5-538)**

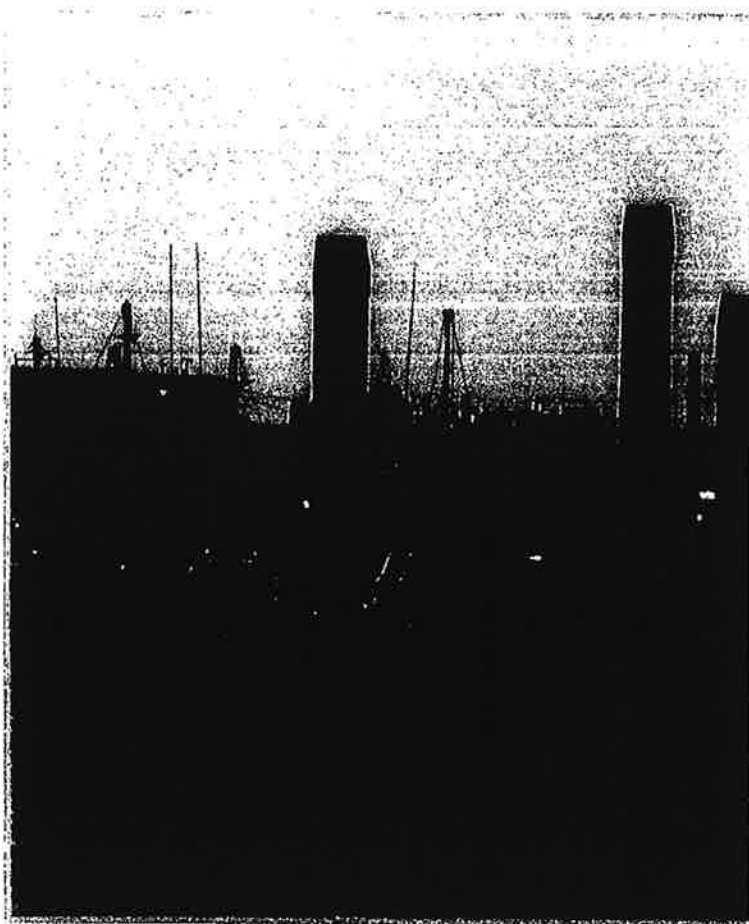
Owner Contact
**John Simpson
HDC Executive Director
(508)961-3000**

Project Engineers/Managers
Apex Companies, LLC

Contractor
Jay Cashman, Inc.

Contract Dates
Jun. 2005 – Jul. 2005

Dollar Value
\$1,500,000



Project Highlights

New Bedford CAD Cell Construction and
Capping EPA OU#3 – New Bedford, MA

- Cashman dredged approximately 85,000 cubic yards of sand, at a rate of 4,000 CY/day, utilizing the Jay Cashman excavator dredge during the construction of the New Bedford Harbor Confined Aquatic Disposal (CAD) cell. Cashman constructed the CAD cell for the relocation of PCB contaminated harbor sediments during future phases of this project.
- Clean sediments removed during the CAD cell construction were further utilized as part of the EPAs underwater pilot-capping project, EPA Superfund site Operable Unit #3 (OU #3). Cashman precision placed a total of 85,000 cubic yards of material over a 19 acre PCB contaminated area in shallow waters (6' to 12').
- Cashman owned and operated equipment utilized for cap placement activities included the A.J. Dredge barge as a positioning dredge, three dump scows including the Eddie Carroll, Mighty Quinn, SEI 2000.
- Bathymetric surveys were continually performed during the capping project and were utilized to evaluate the cap thickness and placement technique



549 South Street
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NEW BEDFORD HARBOR DREDGE PHASE II FISH ISLAND & TOP OF CAD CELL – New Bedford, MA

Awarding Authority/Owner
**City of New Bedford,
Harbor Development
Commission
(Contract# HDC-5-538)**

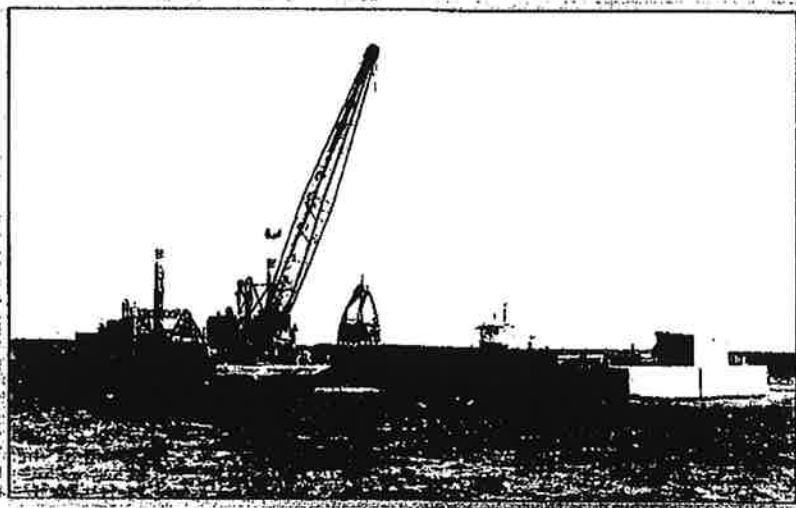
Owner Contact
**John Simpson
HDC Executive Director
(508)961-3000**

Project Engineers/Managers
Apex Companies, LLC

Contractor
Jay Cashman, Inc.

Contract Dates
Jan. 2005 – Mar. 2005

Dollar Value
\$1,784,700



Project Highlights

New Bedford Harbor Dredge Phase II Fish Island
Top of Cad Cell – New Bedford, MA

- Prior to removing sediment, debris was removed using a barge mounted crane and disposed of at a state-approved facility.
- A silt curtain system was installed around the dredging equipment to protect water quality. This system was anchored to the harbor bottom to ensure stability.
- Using the Wood I dredge equipped with a Lima 2400 crane and closed environmental clamshell bucket and GPS positioning system, the sediment was removed from the harbor bottom to a specified grade.
- Sediment was placed in adjoining 4,000 CY capacity split hull dump scows. Following loading, the scows were towed to a mooring location where they were allowed to settle and naturally dewater for a period of 24 hours.
- Dewatered material was then towed to the Borrow Pit CAD Cell area. GPS equipped tugs positioned the full dump scows so the material could be discharged in the specified location and evenly distributed throughout the bottom of the Borrow Pit CAD Cell.



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Quincy, MA 02269

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KILL VAN KULL CONTRACT 8 - Newark Bay, NJ

Awarding Authority/Owner
Army Corps of Engineers
New York District

Contract Number
DACW51-03-C-0004

Owner Contact
Sam DiDato
(917) 790-6248
Salvatore.J.DiDato@usace.army.mil

Contractor
Jay Cashman, Inc.

Contract Dates
Aug. 2003 – Oct. 2004

Dollar Value
\$35.5 Million



The Jay Cashman dredge is depicted above alongside specialized equipment for demanding marine excavation work.

Project Highlights

Kill van Kull Contract 8 – Newark, NJ

- High volume of marine traffic in the Newark Bay area required continuous coordination with the US Coast Guard, harbor pilots, and the NYNJ Port Authority
- Required dredging of 1.3 million cubic yards of material for offshore disposal. Additional upland disposal of 200,000 yards of contaminated sediment for beneficial re-use to achieve a 45-foot channel depth
- 24/7 dredging at a rate of approximately 6,000 CY/day while maintaining total port access
- Offshore disposal controlled with GPS guidance for precise placement of materials
- Sub-aqueous drilling and blasting was performed to remove bedrock materials including diabase
- Fleet of equipment included a specialized drill barge, a new back-hoe dredge, and three ocean going dredge scows and two clamshell dredges.



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 Quincy, MA 02269

jaycashman.com

October 18, 2011

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

Re: Scope of Professional Engineering Services
Intracoastal Waterway (in vicinity of the Port of Palm Beach) Deepening
Preliminary Design and Permitting

Dear Mr. Roach:

Per your request, we have prepared the enclosed Scope of Services (Attachment A) for the preliminary design and permitting of the Intracoastal Waterway (ICWW) deepening to -17 feet Mean Low Water (MLW) near the Port of Palm Beach in Palm Beach County, Florida. The three primary tasks include (1) preliminary design, (2) permitting, and (3) project coordination.

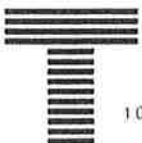
Due to the uncertainty of the permitting process, Taylor Engineering will perform these services on a time and materials basis for an amount not to exceed of \$86,054.00. If you have any questions concerning this proposal, please contact Lori Brownell, P.E. or me. We can begin work upon your notice to proceed.

Sincerely,



John Adams, P.E.
Senior Advisor

Attachments



**SCOPE OF PROFESSIONAL ENGINEERING SERVICES
INTRACOASTAL WATERWAY
(IN VICINITY OF THE PORT OF PALM BEACH) DEEPENING
PRELIMINARY DESIGN AND PERMITTING**

ATTACHMENT A
Scope of Services

FLORIDA INLAND NAVIGATION DISTRICT
SCOPE OF PROFESSIONAL ENGINEERING SERVICES
INTRACOASTAL WATERWAY
(IN VICINITY OF THE PORT OF PALM BEACH) DEEPENING
PRELIMINARY DESIGN AND PERMITTING

INTRODUCTION

This scope of professional engineering services details the preliminary design and permitting of the Intracoastal Waterway (ICWW) deepening to -17 feet (ft) Mean Low Water (MLW) near the Port of Palm Beach in Palm Beach County, Florida. The ± 27 -acre ($\pm 3,700$ -ft-long x ± 325 -ft-wide) project area — located immediately west of Peanut Island and north of Lake Worth Inlet — includes two wideners along the western Peanut Island shoreline.

We have based our proposal on the following assumptions:

1. Taylor Engineering will reference the permitted Peanut Island Dredged Material Management Area (DMMA) as the long-term placement site for the project.
 - a. The DMMA has sufficient capacity (approximately 289,000 cubic yards) to dewater and store the ICWW dredged material.
 - b. Either the U.S. Army Corps of Engineers (USACE) or FIND will provide the DMMA As-Built.
2. Taylor Engineering will use the August 2010 USACE bathymetric survey (Intracoastal Waterway; Jacksonville to Miami, Florida; Cuts P-34 Thru P-39 & P-52 Thru P-59; Examination Survey FY10; 10-Foot Project) to establish the dredging template and estimated dredging quantity.
3. Regulatory agencies will accept the previous collected geotechnical data performed in 1996 by Scientific Environmental Applications, Inc. to assess existing in-channel project conditions.
4. FIND will contract directly with an environmental firm to conduct a submerged natural resources survey of the project area and pipeline corridor.
5. Snook Islands, if required, is the designated natural resources mitigation 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, final mitigation design, contract administration, and construction observation services. The paragraphs below detail specific tasks included in this scope of services.

TASK 1 PRELIMINARY DESIGN

1.1 Dredging Template and Dredge Quantities

After review of the supplied and site-specific in-channel field investigations (i.e., bathymetric survey, geotechnical data, and natural resources survey), Taylor Engineering will develop a three-

dimensional AutoCAD-based digital terrain model of the project area. We will incorporate the bathymetric survey data into the models to develop a dredging template that will include plan area, cross sections, widenings, total required dredging volume.

1.2 DMMA Reconnaissance

Taylor Engineering staff will investigate the site to evaluate and document existing site conditions at the Peanut Island DMMA. Staff will document any visibly apparent geotechnical issues (e.g., erosion, settling, cracking) of the DMMA and weir structural issues, and evaluate any potential on-site environmental issues (within the DMMA, pipeline corridor, and likely contractor staging area). In a letter report to the FIND, we will summarize conditions the site and note potential site encumbrances. The report will include photographs, an aerial map detailing any geotechnical and environmental site features and, if necessary, any restorative DMMA features required for the project.

1.3 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, and centerline, and any identified natural resources
- Plan view of the pipeline route and staging area
- Cross section view of the dredging area showing pre- and post-deepening conditions
- Plan view of the DMMA and staging areas area and, if available, remaining site capacity and topography
- Other detail sheets (e.g., seepage, drainage, and erosion control features)

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

TASK 2 PERMITTING

2.1 Pre-Application Meeting

Taylor Engineering will prepare for a pre-application meeting with the FDEP and USACE to identify and discuss issues that will affect review of the permit application. At the completion of the pre-application meeting, Taylor Engineering will compile and submit meeting minutes to all attending parties.

2.2 Joint ERP Application Preparation and Submittal

Based on the preliminary project design developed in Task 2, Taylor Engineering will prepare and submit an Environmental Resource Permit (ERP) application to the FDEP. In addition to the permit drawings (Task 1.3), 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 (with the limitations described above). Subject to the results of the 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 2.3 details the efforts required, if necessary, to address ERP narrative items 4 and 5.

2.3 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 boundaries on the digital maps, on the submerged natural resources survey, and on any subsequent detailed survey to quantify impact areas. We will apply the FDEP UMAM and, if necessary, the WRAP (Wetland Rapid Assessment Procedure) analysis to determine the appropriate level of mitigation (at the identified mitigation area, Snook Islands) for the proposed project.

2.4 Request for Additional Information: Response and Submittal

Following the submission of the permit application, both the FDEP and the USACE will likely respond with a Request 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, to the permit application (not to exceed a total of 150 man-hours).

TASK 3 PROJECT COORDINATION

The single most important activity during the permitting process is the establishment and maintenance of a clear line of communications between the applicant and the participating agencies. To that end, Taylor Engineering will actively 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 (USFWS), Florida Fish and Wildlife Conservation Commission (FFWCC), 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. We will also meet with FIND staff to inform them of the details of the contingency and monitoring plans and to get their concurrence on the plan elements. Accordingly, we have budgeted one-half day for FIND's Engineer of Record, one day for a Senior Advisor, and four days for the Director of Waterfront Engineering to work with these agencies. We have also budgeted four days for our Environmental Director to coordinate with regulatory agencies on specific environmental issues that may arise after we submit the application package.

**SCOPE OF PROFESSIONAL ENGINEERING SERVICES
INTRACOASTAL WATERWAY
(IN VICINITY OF THE PORT OF PALM BEACH) DEEPENING
PRELIMINARY DESIGN AND PERMITTING**

ATTACHMENT B
Cost Proposal

TAYLOR ENGINEERING, INC.
COST SUMMARY BY TASK
P2011-196: ICWW (IN VICINITY OF THE PORT OF PALM BEACH) DEEPENING

TASK 1: PRELIMINARY DESIGN

<i>Labor</i>	<i>Hours</i>	<i>Cost</i>	<i>Task Totals</i>
R. Bruce Taylor, Ph.D.	1.0	297.00	
Senior Advisor	5.0	875.00	
Director	58.0	8,932.00	
Senior Professional	54.0	6,912.00	
Staff Professional	114.0	9,804.00	
Technical Editor	2.0	190.00	
Senior Technician	88.0	7,920.00	
Administrative	30.0	1,650.00	
Total Man-Hours	352.0		
Labor Cost			36,580.00
<i>Non-Labor</i>	<i>Units</i>	<i>Cost</i>	
Rental Vehicle	2.0	160.00	
Per Diem (Per Person)	3.0	108.00	
Non-Labor Cost		268.00	
Fee @ 10.0%		26.80	
Total Non-Labor Cost			294.80
<i>Total Task 1</i>			36,874.80

TASK 2: PERMITTING

<i>Labor</i>	<i>Hours</i>	<i>Cost</i>	<i>Task Totals</i>
R. Bruce Taylor, Ph.D.	1.0	297.00	
Senior Advisor	24.0	4,200.00	
Director	50.0	7,700.00	
Senior Professional	56.0	7,168.00	
Staff Professional	112.0	9,632.00	
Technical Editor	8.0	760.00	
Senior Technician	48.0	4,320.00	
Administrative	21.0	1,155.00	
Total Man-Hours	320.0		
Labor Cost			35,232.00
<i>Non-Labor</i>	<i>Units</i>	<i>Cost</i>	
Rental Vehicle	2.0	160.00	
Per Diem (Per Person)	2.0	72.00	
Non-Labor Cost		232.00	
Fee @ 10.0%		23.20	
Total Non-Labor Cost			255.20
<i>Total Task 2</i>			35,487.20

ATTACHMENT B

P2011-196: ICWW (IN VICINITY OF THE PORT OF PALM BEACH) DEEPENING

TASK 3: PROJECT COORDINATION

<i>Labor</i>	<i>Hours</i>	<i>Cost</i>	<i>Task Totals</i>
R. Bruce Taylor, Ph.D.	4.0	1,188.00	
Vice President	32.0	6,176.00	
Senior Advisor	8.0	1,400.00	
Director	32.0	4,928.00	
Total Man-Hours	76.0		
Labor Cost			13,692.00
<i>Total Task 3</i>			\$ 13,692.00

Project Total \$ 86,054.00

BIENNIAL REVIEW OF DISTRICT ADMINISTRATIVE RULES FOR 2011

BACKGROUND

FIND is an "agency" which is subject to the Administrative Procedures Act, Chapter 120, Florida Statutes. Section 120.74(1), F.S. requires all agencies to perform a formal review of its rules every 2 years. Section 120.74(2), F.S. requires the head of the agency (the Board of Commissioners in our case) to file a report with the President of the Senate, the Speaker of the House of Representatives, and the Joint Administrative Procedures Committee, which certifies that the agency has complied with the requirements of Section 120.74. For this year, the submission deadline has been extended to December 1, 2011 by Section 120.745(2)(a), F.S.

In the biennial review, each agency must:

- (a) Identify and correct deficiencies in its rules;
- (b) Clarify and simplify its rules;
- (c) Delete obsolete or unnecessary rules;
- (d) Delete rules that are redundant of statutes;
- (e) Seek to improve efficiency, reduce paperwork, or decrease costs to government and the private sector;
- (f) Contact agencies that have concurrent or overlapping jurisdiction to determine whether their rules can be coordinated to promote efficiency, reduce paperwork, or decrease costs to government and the private sector; and
- (g) Determine whether the rules should be continued without change or should be amended or repealed to reduce the impact on small business while meeting the stated objectives of the proposed rule.

STAFF REPORT AND FINDINGS
BIENNIAL REVIEW OF DISTRICT ADMINISTRATIVE RULES FOR 2011

FIND has three Rule Chapters: Chapter 66B-1 Cooperative Assistance Program, Chapter 66B-2 Waterways Assistance Program and 66B-3 Land Acquisition Procedures. There are 42 individual rules under these three Rule Chapters. While each year at the end of the grant application process, Staff reviews the assistance program rules and recommends revisions to the Board, it is necessary to have a formal review process for all of FIND's rules on a biennial basis.

In satisfaction of the biennial formal review requirement, Staff has reviewed each of the 42 rules and makes the following recommended findings to the Board:

Requirement: Identify and correct deficiencies in the District's rules.

Finding: There are no deficiencies in the District's rules requiring correction.

Requirement: Clarify and simplify the District's rules.

Finding: There are no rules that require clarification or simplification except:

Rule 66B-2.004 Policy

Rule 66B-2.005 Funds Allocation

Rule 66B-2.008 Project Eligibility

Requirement: Delete obsolete or unnecessary rules.

Finding: There are no obsolete or unnecessary rules.

Requirement: Delete rules that are redundant of statutes.

Finding: There are no rules that are redundant of statutes.

Requirement: Seek to improve efficiency, reduce paperwork, or decrease costs to government and the private sector.

Finding: No changes to District rules are warranted, as the current rules are efficient, do not generate unnecessary paperwork, minimize costs to government, and do not impose any costs on the private sector.

Requirement: Contact agencies that have concurrent or overlapping jurisdiction to determine whether their rules can be coordinated to promote efficiency, reduce paperwork, or decrease costs to government and the private sector.

Finding: There are no agencies with concurrent or overlapping jurisdiction with the District.

Requirement: Determine whether the rules should be continued without change or should be amended or repealed to reduce the impact on small business while meeting the stated objectives of the proposed rule.

Finding: All existing District rules should be continued without change except for the rules being clarified as noted above. District rules have no impact on small business.

Additional Requirements for the Report:

Changes to District rules made as a result of this review: The District has initiated the revision of the following rules to clarify them:

Rule 66B-2.004 Policy

Rule 66B-2.005 Funds Allocation

Rule 66B-2.008 Project Eligibility

Recommended statutory changes that will promote efficiency, reduce paperwork, or decrease costs to government and the private sector: None.

Economic impact of District rules on small business: None.

Identification of cases or disputes in which the agency is involved which should be conducted under the summary hearing process described in s. 120.574, F.S.: None.

ENHANCED BIENNIAL REVIEW OF DISTRICT ADMINISTRATIVE RULES FOR 2011

BACKGROUND

The Legislature enacted Section 5, Chapter 2011-255, Laws of Florida, which created a new Section 120.745, F.S. Section 120.745(2) requires all agencies to perform an "enhanced biennial review" of the agency's existing administrative rules by December 1, 2011. FIND is an "agency" for the purposes of Section 120.745. A report of the entire enhanced biennial review must be published on the District's website by December 1, 2011.

Section 120.745(2) provides that by December 1, 2011, each agency shall complete an enhanced biennial review of the agency's existing rules, which shall include, but is not limited to:

(a) Conduct of the review and submission of the report required by s. 120.74 and an explanation of how the agency has accomplished the requirements of s. 120.74(1). This paragraph extends the October 1 deadline provided in s. 120.74(2) for the year 2011.

(b) Review of each rule to determine whether the rule has been reviewed by OFARR pursuant to the Governor's Executive Order 2011-01.

(c) Review of each rule to determine whether the rule is a revenue rule, to identify the statute or statutes authorizing the collection of any revenue, to identify the fund or account into which revenue collections are deposited, and, for each revenue rule, to determine whether the rule authorizes, imposes, or implements:

1. Registration, license, or inspection fees.
2. Transportation service tolls for road, bridge, rail, air, waterway, or port access.
3. Fees for a specific service or purpose not included in subparagraph 1. or subparagraph 2.
4. Fines, penalties, costs, or attorney fees.
5. Any tax.

6. Any other amounts collected that are not covered under subparagraphs 1.-5.

(d) Review of each rule to determine whether the rule is a data collection rule, providing the following information for each rule determined to be a data collection rule:

1. The statute or statutes authorizing the collection of such data.
2. The purposes for which the agency uses the data and any purpose for which the data is used by others.

3. The policies supporting the reporting and retention of the data.

4. Whether and to what extent the data is exempt from public inspection under chapter 119.

(e) Identification of each entire rule the agency plans to repeal and, if so, the estimated timetable for repeal.

(f) Identification of each entire rule or subpart of a rule the agency plans to amend to substantially reduce the economic impact and the estimated timetable for amendment.

(g) Identification of each rule for which the agency will be required to prepare a compliance economic review, to include each entire rule that:

1. The agency does not plan to repeal on or before December 31, 2012;
2. Was effective on or before November 16, 2010; and
3. Probably will have any of the economic impacts described in s. 120.541(2)(a), for 5 years beginning on July 1, 2011, excluding in such estimation any part or subpart identified for amendment under paragraph (e).

(h) Listing of all rules identified for compliance economic review in paragraph (g), divided into two approximately equal groups, identified as "Group 1" and "Group 2." Such division shall be made at the agency's discretion.

(i) Written certification of the agency head to the committee verifying the completion of the report for all rules of the agency, including each separate part or subsection. The duty to certify completion of the report is the responsibility solely of the agency head as defined in s. 120.52(3) and may not be delegated to any other person. If the defined agency head is a collegial body, the written certification must be prepared by the chair or equivalent presiding officer of that body.

STAFF REPORT AND FINDINGS

ENHANCED BIENNIAL REVIEW OF DISTRICT ADMINISTRATIVE RULES FOR 2011

FIND has three Rule Chapters: Chapter 66B-1 Cooperative Assistance Program, Chapter 66B-2 Waterways Assistance Program and 66B-3 Land Acquisition Procedures. There are 42 individual rules under these three Rule Chapters. In satisfaction of the enhanced biennial review requirement, Staff has reviewed each of the 42 rules and makes the following recommended findings to the Board:

(a) Conduct of the review and submission of the report required by s. 120.74 and an explanation of how the agency has accomplished the requirements of s. 120.74 (1).

FINDING: The report required by s. 120.74 was approved by the Board of Commissioners at its regular meeting on October 28, 2011 and submitted to the President of the Senate, the Speaker of the House of Representatives, and the Joint Administrative Procedures Committee on October 31, 2011.

(b) Review of each rule to determine whether the rule has been reviewed by OFARR pursuant to the Governor's Executive Order 2011-01.

FINDING: No rules have been reviewed by OFARR pursuant to the Governor's Executive Order 2011-01, as the District is not an agency subject to Executive Order 2011-01.

(c) Review of each rule to determine whether the rule is a revenue rule, to identify the statute or statutes authorizing the collection of any revenue, to identify the fund or account into which revenue collections are deposited, and, for each revenue rule, to determine whether the rule authorizes, imposes, or implements:

1. Registration, license, or inspection fees.
2. Transportation service tolls for road, bridge, rail, air, waterway, or port access.
3. Fees for a specific service or purpose not included in subparagraph 1. or subparagraph 2.
4. Fines, penalties, costs, or attorney fees.

5. Any tax.
6. Any other amounts collected that are not covered under subparagraphs 1.-5.

FINDING: None of the District's rules are "revenue rules" as said term is defined in s. 120.745(1)(d).

(d) Review of each rule to determine whether the rule is a data collection rule, providing the following information for each rule determined to be a data collection rule:

1. The statute or statutes authorizing the collection of such data.
2. The purposes for which the agency uses the data and any purpose for which the data is used by others.
3. The policies supporting the reporting and retention of the data.
4. Whether and to what extent the data is exempt from public inspection under chapter 119.

FINDING: None of the District's rules are "data collection rules" as said term is defined in s. 120.745(1)(c).

(e) Identification of each entire rule the agency plans to repeal and, if so, the estimated timetable for repeal.

FINDING: There are no rules that the District plans to repeal.

(f) Identification of each entire rule or subpart of a rule the agency plans to amend to substantially reduce the economic impact and the estimated timetable for amendment.

FINDING: There are no rules that the District plans to amend to substantially reduce the economic impact.

(g) Identification of each rule for which the agency will be required to prepare a compliance economic review, to include each entire rule that:

1. The agency does not plan to repeal on or before December 31, 2012;
2. Was effective on or before November 16, 2010; and

3. Probably will have any of the economic impacts described in s. 120.541(2)(a), for 5 years beginning on July 1, 2011, excluding in such estimation any part or subpart identified for amendment under paragraph (e).

FINDING: There are no rules for which the District will be required to prepare a compliance economic review. There are no rules which will have any of the economic impacts described in s. 120.541(2)(a).

(h) Listing of all rules identified for compliance economic review in paragraph (g), divided into two approximately equal groups, identified as "Group 1" and "Group 2." Such division shall be made at the agency's discretion.

FINDING: Not applicable.



FLORIDA INLAND NAVIGATION DISTRICT

COMMISSIONERS

September 6, 2011

MEMO

S. NORMAN BRAY
CHAIR

NASSAU COUNTY

DONN R. COLEE, JR.
VICE-CHAIR

PALM BEACH COUNTY

GAIL KAVANAGH
TREASURER

ST. LUCIE COUNTY

NANCY J. FREEMAN
SECRETARY

VOLUSIA COUNTY

BRUCE D. BARKETT
INDIAN RIVER COUNTY

J. CARL BLOW
ST. JOHNS COUNTY

E. TYLER CHAPPELL
BROWARD COUNTY

T. SPENCER CROWLEY, III
MIAMI-DADE COUNTY

DONALD J. CUOZZO
MARTIN COUNTY

MICHAEL D. MESIANO
DUVAL COUNTY

JONATHAN S. NETTS
FLAGLER COUNTY

JERRY H. SANSOM
BREVARD COUNTY

DAVID K. ROACH
EXECUTIVE DIRECTOR

MARK T. CROSLEY
ASSISTANT EXECUTIVE DIRECTOR

To: David Roach, Executive Director

From: Mark Tamblyn, Field Projects Coordinator *MNT*

Attached are the bid results for the DMMA-FL-12 Additional Fence Project.

The bid submitted by Fasanelli Construction, Inc. is the lowest bid for the FL-12 Additional Fence Project.

Fasanelli Construction, Inc. has qualified for the following several reasons:

- 1) Submitted the lowest Bid of \$ 27,919.00 for the Project.
- 2) All bid documents have been completed correctly and reviewed by District staff.
- 3) The Contractors references were good and they reflected the same type of work.
- 4) The Contractors fence superintendent is Tim Dubois a fence contractor who has worked on many past District fence projects.

I recommend that the contract be awarded to the low bidder Fasanelli Construction, Inc. The results have been faxed to all bidders.



FLORIDA INLAND NAVIGATION DISTRICT
DMMA FL-12 ADDITIONAL FENCE PROJECT
BID RESULTS

Fasanelli Construction, Inc. 4312 Pablo Professional Ct. Jacksonville, FL 32224	\$27,919.00
David Barton Fence & Wall 4595 International Ave. Mims, FL 32754	\$31,500.00
Atlantic Fence of Brevard, LLC 4640 North US #1 Melbourne, FL 32935	\$37,361.00



FLORIDA INLAND NAVIGATION DISTRICT

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AUGUST 8, 2011

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EXECUTIVE DIRECTOR

MARK T. CROSLEY
ASSISTANT EXECUTIVE DIRECTOR

To: Fencing Project Bidders

From: Mark M. Tamblyn, Field Projects Coordinator

Subject: DMMA FL-12 Additional Fencing Project

Enclosed are the bid documents for the referenced project. **Bids are due in the District office no later than 2:00 pm on September 6, 2011.** A bid will consist of the completed bid submittal form. Bids may be mailed, hand delivered, Emailed or Faxed to the District.

There will be one award of this contract to the lowest qualified bidder, however, the District reserves the right to not award a contract based on its discretion. The District also reserves the right to expand or reduce the scope of work of this contract upon negotiation with contractor.

Please contact me should you have any questions concerning this matter.



FLORIDA INLAND NAVIGATION DISTRICT

DMMA FL-12

ADDITIONAL FENCE PROJECT

Bid Package

AUGUST 8, 2011



DMMA FL-12
ADDITIONAL FENCING PROJECT
SPECIFICATIONS & REQUIREMENTS

SECTION 1.0 GENERAL

The Florida Inland Navigation District, hereinafter referred to as the "District", desires to enter into an agreement with a qualified and licensed fencing contractor, hereinafter referred to as the "Contractor", to install additional fencing to deter gopher tortoises from burrowing into District owned property, DMMA FL-12 in Palm Coast, Flagler County.

SECTION 2.0 PROPERTY DESCRIPTIONS: FL-12

The location and general boundaries of this site are shown in Attachment A. FL-12 is located within the City of Palm Coast in North Central Flagler County. The District site is approximately 37.44 acres and is adjacent to Colbert Lane on the West, and by a residential development on the North & East of the property.

SECTION 3.0 GENERAL PROJECT DESCRIPTIONS

The property boundary depicted on Attachment A, identifies the areas chosen for the placement of the additional fencing. These areas run along the District's security fence already existing on this property. The additional fence detail section is shown in Attachment B. This additional fence will be attached to the existing District fence and will be trenched, or hand dug into the ground two (2) feet below existing grade. The remaining one (1) foot of material will be fastened to the existing chain link fabric along the entire perimeter of the fenced areas. The approximate linear distance of fence is 5250 feet. Contractor is required to contact Sunshine utility locators to establish a review of any kind of cable, wire, pipeline or utility service which is in the project area. Upon an "All Clear" notification the contractor shall proceed with the project.

SECTION 4.0 DRAWINGS AND MAPS

A map showing property location and property boundary lines, and cross sectional details are shown in Attachments A & B.

SECTION 5.0 BIDS

Bids will be made on the attached bid form. Bids will be submitted to the District office by mail, hand delivered, emailed or faxed no later than 2:00 pm September 6, 2011. It is anticipated that one bid will be awarded for this project however the District reserves the right to reject all bids. The Bid will be good for a period of thirty (30) days.

SECTION 6.0 GOPHER TORTOISE AVOIDANCE

There are gopher tortoises on site. Gopher tortoises are protected species under State law. The tortoises on site and there burrows will need to be avoided during construction.

SECTION 7.0 MATERIAL SELECTION AND INSTALLATION

The contractor shall utilize the material specified in these documents. These materials shall meet or exceed the specifications prior to installation. The District will inspect material prior to usage and if needed the District may require this material be tested against the specification, and passed prior to installation of this product. Attachment B shows the detail section of the additional fence to be installed. The material specified is for installation is **Class 2b-Fused and adhered chain link fabric to meet ASTM F668. The Fabric will be black vinyl, 36 inches tall, 9 gauge wire.** The additional fence material will be **fastened with hogs rings at grade and 1 foot above grade** to the existing chain link fabric. A hog ring shall fasten both materials at **no less than every 2 feet of linear run along** the fabric on the top and bottom of the fence. This will close off the both terminus points where existing and additional fabrics meet.

SECTION 8.0 PERMITS

The Contractor will secure any and all applicable permits required to perform the work outlined in this specification.

SECTION 9.0 PROJECT COORDINATION

The District's Project Manager for this project will be Mark Tamblyn, Field Projects Coordinator. He can be contacted at the District office, 1314 Marcinski Road, Jupiter, and Fl. 33477, telephone (561) 627-3386, FAX (561) 624-6480 email mtamblyn@aicw.org.

SECTION 10.0 PROJECT SUPERVISION

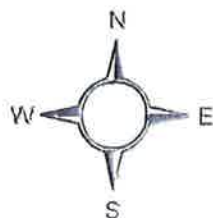
The Contractor shall give the District's Project Manager prior notice regarding the approximate date and time of the initiation of this project. The Field Project Coordinator will make available personnel to assist in the resolution of questions or problems that may arise any time during the project.

SECTION 11.0 INSURANCE REQUIREMENTS

The Contractor will be required to provide a minimum of a \$500,000.00 insurance policy covering general liability and workman's compensation coverage with the District as an insured party.

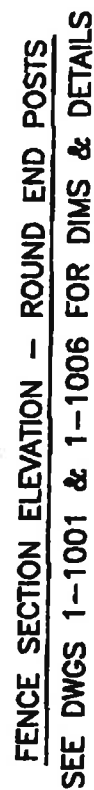
SECTION 12.0 CONTRACT AGREEMENT

The District and the contractor will enter into an agreement for this project that will at minimum include the provisions of this bid specifications.



LEGEND

— FIND PROPERTY BOUNDARY
AND FENCE LOCATION



ATTACHMENT B

TYPICAL HIGH FENCE

**ROUND END POSTS, WITHOUT TOP RAIL &
WITH BARBED WIRE**

By:

DATE:

REV:

REV DATE:

OWG:

LAYER:

SCALE: $3/8" = 1'-0"$

**FLORIDA INLAND NAVIGATION DISTRICT
DMMA FL-12
ADDITIONAL FENCE PROJECT**

Bid Submittal Form

Bids are to be made on a total cost basis with an award made to the low qualified bidder.

NAME OF FIRM: _____

ADDRESS: _____

TELEPHONE: _____

EMAIL ADDRESS: _____

REFERENCES: (Name, Address, Phone, Fax, Email, Contact Person)

1. _____

2. _____

MATERIALS & LABOR COSTS

DMMA FL-12 ADDITIONAL FENCE

TOTAL COST FOR PROPOSED PROJECT \$ _____

Signature

Title



FLORIDA INLAND NAVIGATION DISTRICT

October 14, 2011

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Captain Tom Shipp
Boating & Waterways Section
Florida Fish & Wildlife Conservation Commission
620 South Meridian Street
Tallahassee, Florida 32399-1600

Re: Anchoring & Mooring Pilot Program - City of St Augustine

Dear Captain Shipp:

The commissioners of the Florida Inland Navigation District (FIND) assigned me the task of representing FIND at the FF&WCC Ordinance Review Meeting held on October 11, 2011. I am the FIND commissioner for St Johns County. I also served as a commissioner on the St Augustine Port Waterway & Beach District board and I hold a USCG Master License (100 ton Near Coastal with Towing Endorsement). I was asked by the City of St Augustine staff to review and comment on their anchoring ordinance prior to submittal to the City Commission.

I can tell you a significant amount of time and effort has been invested in developing the St Augustine anchoring ordinance. The City held several public work shops and received comments from both local boaters and out of state boaters who use the Florida Intracoastal Waterway. The City modified the ordinance in response to the public comments received. It is clear to me that the City's goal with this ordinance is to "do no harm" to the legitimate responsible boater on the one hand but to try to address the chronic derelict and abandoned boat problem. I believe the St Augustine ordinance has achieved those goals. **Therefore I recommend the Florida Fish & Wildlife Conservation Commission approve the St Augustine Anchoring Ordinance No 2011-10 at it's November meeting.**

Please note however, that St Augustine is not south Florida or the Keys. The weather, tides, economies, demographics and cultures are very different. I believe the St Augustine ordinance will work well in St Augustine but I would not be surprised to see the other pilot program cities have different conditions and time limits in their ordinances.

The Florida Inland Navigation District is dedicated to keeping the Intracoastal Waterway accessible to the boating public, both the citizens of Florida as well as the thousands of visitors we see every year. Please give me a call if I can help you in any way.

Sincerely,

Carl Blow

FIND Commissioner - St Johns County