

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

**RESOLUTION NO. 2009 \_\_\_\_\_**

**A RESOLUTION OF THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT AUTHORIZING THE APPLICATION FOR AND ADMINISTRATION OF A FLORIDA INLAND NAVIGATION DISTRICT COOPERATIVE ASSISTANCE PROGRAM GRANT FOR THE CITY OF PAHOKEE LAKE OKEECHOBEE ROUTE 2 DREDGING AND SHORELINE STABILIZATION PROJECT, IN AN AMOUNT NOT TO EXCEED \$3,000,000 OVER THREE YEARS, WITH THE PREVIOUSLY AUTHORIZED ENVIRONMENTAL ENHANCEMENT CONTRACT WITH THE CITY OF PAHOKEE (#4600001830) IN THE AMOUNT OF \$3,000,000 TO SERVE AS THE DISTRICT COST SHARE MATCH; WITH NO ADDITIONAL COST OR OBLIGATION TO THE DISTRICT IF FUNDS ARE NOT APPROPRIATED; PROVIDING AN EFFECTIVE DATE. (DAVID UNSELL, EXT. 6888)**

**WHEREAS**, the Florida Inland Navigation District (FIND) provides funding for Waterway Assistance projects through their Cooperative Assistance Program (CAP);

**WHEREAS**, FIND staff recommended that this project be considered as an interlocal agreement which would allow FIND some flexibility in funding participation and timing for the project, and would be beneficial to the overall goals of this effort on behalf of the City of Pahokee; and

**NOW THEREFORE, BE IT RESOLVED** by the Governing Board of the South Florida Water Management District:

**Section 1.** The Governing Board of the South Florida Water Management District hereby approves the submission of this CAP grant application, in cooperation with the City of Pahokee, to FIND for consideration of approval;

**Section 2.** This grant funding, would be used to dredge Route 2 of the Lake Okeechobee Waterway to the design depth and complete the littoral shelf component of a shoreline stabilization funded by the District to the City of Pahokee for the amount of \$3,000,000;

**Section 3.** A copy of the CAP application is attached hereto and made a part hereof.

**Section 4.** This resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** this 13<sup>th</sup> day of August, 2009.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT,  
BY ITS GOVERNING BOARD

By:

\_\_\_\_\_  
Chair

ATTEST:

Approved as to form:

By:

By:

\_\_\_\_\_  
District Clerk/Secretary

ATTACHMENT D-1

COOPERATIVE ASSISTANCE PROGRAM  
PROJECT APPLICATION  
APPLICANT INFORMATION – PROJECT SUMMARY

Applicant: South Florida Water Management District (SFWMD)

Project Title: Lake Okeechobee Route 2 Dredging and Shoreline Stabilization

Project Director: Kim O'Dell Title: Supervisor- Environmental Scientist

Liaison Agent (*if different from above*): Jim Sheehan, Everglades Ventures Co.

Liaison Agent Title: Project Manager - City of Pahokee

Address: 3301 Gun Club Road, West Palm Beach, FL Zip Code: 33406

Telephone: (561) 682 -2650

FAX: (561) 640 - 6815

Email: kodell@sfwmd.gov

**\*\*I hereby certify that the information provided in this application is true and accurate.\*\***

SIGNATURE: \_\_\_\_\_

*Kim M. Dell*

DATE: \_\_\_\_\_

*8/4/09*

**PROJECT SUMMARY NARRATIVE (Please summarize the project in 2 paragraphs or less.)**

Route 2 of the Lake Okeechobee Waterway has been closed for the past five years, thus creating great economic loss to the towns along the lake's shore. This project is one part of a larger effort by the City of Pahokee, in conjunction with Everglades Ventures Company, to reopen Route 2 of the Okeechobee Waterway in Lake Okeechobee.

A contract was awarded to the City of Pahokee by the South Florida Water Management District in June 2009 for the creation of a littoral shelf along the eastern shore of the lake which will provide a more gradual shoreline where none currently exists. The spoil containment area is being constructed on the upland littoral shelf component using the rip-rap provided through the original District contract which will sequester more than 300,000 cubic yards of dredged material from the Route 2 waterway. The Florida Inland Navigation District (FIND) funding would allow the dredging of Route 2, to the original design depth, from Port Mayaca to Belle Glade. The FIND Cooperative Assistance Program (CAP) grant will finalize completion of the littoral shelf component of the shoreline stabilization with the dredged material from the waterway.

## ATTACHMENT D-2.

### APPLICATION CHECKLIST (To be completed by the Applicant)

**This checklist and the other items listed below in items 1 through 14 constitute your application. The required information shall be submitted in the order listed.**

**Any additional information submitted by the applicant is subject to being removed from the package by District staff prior to presentation to the District Board because of reproduction and space considerations.**

**Two (2) copies of your application are required. One original copy and one electronic copy.**

**All information is required to be on 8 1/2" x 11" paper.**

**Maps and drawings may be on 8 1/2" x 14" paper and folded to 8 1/2" x 11" so that they may be folded out after being hole punched and bound in a book.**

YES NO

1	If the proposed project is a construction project within a single County, the application must be reviewed by the local FIND Commissioner ( <i>District Commissioner must initial the yes line on this checklist for the application to be accepted for processing</i> ). If the proposed project is a regional project, the application must be reviewed and initialed by District Staff prior to submission)		
2	Applicant Info/Project Summary – D-1 (Form No. 90-12 1 page) ( <i>Form must be completed and signed</i> )	X	
3	Application Checklist – D-2 (Form No. 90-16, 2 pages) ( <i>Form must be signed and dated</i> )	X	
4	Project Information – D-3 (Form No. 90-12a, 1 page)	X	
5	Project Evaluation and Rating – D-4 <sup>(+)</sup> (Form No. 00-25 <sup>(+)</sup> ) ( <i>Form must be completed, proper attachment included</i> ) ( <b>No signatures required</b> )	X	
6	Project Cost Estimate – D-5 (Form No. 90-25, 1 page) ( <i>Must be on District form</i> )	X	
7	Official Resolution Form – D-6 (Form No. 90-11, 2 pages) ( <b>Resolution must be in District format and include items 1-6</b> )	X	
8	Attorney’s Certification (Land Ownership) – D-7 ( <b>Must follow format of Form No. 93-26, legal descriptions alone are not acceptable</b> )	X	
9	Project Timeline – D-8 (Form 96-11, 1 page)	X	

**ATTACHMENT D-2 (Continued)**

**APPLICATION CHECKLIST**

(To be completed by the Applicant)

10	County Location Map	X	
11	City Location Map <i>(if applicable)</i>	X	
12	Project Boundary Map	X	
13	Site Development Map	X	
14	Copies of all Required Permits <i>(Required of development projects only)</i>		

The undersigned, as applicant, acknowledges that Items 1 through 13 above constitutes a complete application and that this information is due in the District office no later than 4:30 PM, April 01, 2009. By June 01, 2009 my application must be deemed complete (except for permits) or it will be removed from any further consideration by the District. I also acknowledge that the information in Item 14 is due to the District no later than the final TRIM Hearing in September 2009. If the information in Item 14 is not submitted to the District office by the District's final TRIM hearing in September 2009, I am aware that my application will be removed from any further funding consideration by the District.

APPLICANT: \_\_\_\_\_ APP. TITLE: \_\_\_\_\_

\_\_\_\_\_  
SIGNATURE - APPLICANT'S LIAISON

\_\_\_\_\_  
DATE

**FIND OFFICIAL USE ONLY**

Date Received: \_\_\_\_\_

FIND Staff Review: \_\_\_\_\_

All Required Supporting Documents:  
\_\_\_\_\_

Applicant Eligibility: \_\_\_\_\_

Project Eligibility: \_\_\_\_\_

Compliance with Rule 66B-1 F.A.C.: \_\_\_\_\_

Eligibility of Project Cost: \_\_\_\_\_



**ATTACHMENT D-4  
COOPERATIVE ASSISTANCE PROGRAM  
APPLICATION EVALUATION AND RATING WORKSHEET**

The applicant is to complete this form by entering the project title, applicant name and answers to the applicable questions. **\*\*Do not answer with more than three sentences.\*\***

All applicants must answer a total of ten questions. All applicants will complete Attachment D-4 of the worksheet, which includes questions 1 through 6.

Each applicant will then complete **one and only one sub-Attachment** (D-4 A, B, C, D or E, questions 7-10) according to the applicant's project type in reference to Attachment B. The applicant should determine their project type (if the project incorporates more than one project type) by determining which project type is dominant in terms of project cost.

**All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.**

**APPLICATION TITLE:**     Lake Okeechobee Waterway Dredging and Shoreline Stabilization

**APPLICANT:**                 South Florida Water Management District

<b>CATEGORY &amp; RATING POINTS AVAILABLE</b>	<b>RATING POINTS</b>	<b>EVALUATION CRITERIA</b>
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**1) PRIORITY LIST:**

- a) **List the priority list category of this project from Attachment B in the application.**  
(The application may only be of **one** type based upon the predominant cost of the project elements.)  
#1, Public Navigation Channel Dredging
  
- b) **Explain how the project fits this priority category.**  
The Lake Okeechobee Waterway is a Navigable Waterway that has been closed for five years due to hurricanes, drought, and the revised water regulation schedule.

*(For reviewer only)*  
 Max. Available Score     \_\_\_\_\_   
 Range of Score     (0 to \_\_\_\_ points)

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## 2) WATERWAY RELATIONSHIP:

### a) Explain how the project directly relates to the ICW and the mission of the Navigation District.

The Lake Okeechobee Waterway provides for the interstate waterway corridor that connects the East and West Coast of Florida and because it has not undergone recent maintenance dredging, has experienced a substantial accumulation of sediment along its entire length. This accumulation of sediments has proven to be a negative impact to navigation and conveyance capacity, while also being a cause of environmental degradation. The dredging project involves restoring the authorized navigational depth in the waterway by removing sediments that have accumulated in and outside of the navigable channel.

### b) How does the project benefit public navigation or access to the ICW or adjoining waterways?

The reopening of Route 2 to the design depth will provide fueling and safe harbor for vessels traversing the waterway especially in the event of hurricanes as they have no means of escaping from a storm without going around the southern tip of Florida. Dredging Route 2 to 0-2 NGVD will ensure that waterway is open even in times of drought.

*(For reviewer only)*  
*(0-6 points)*

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## 3) PUBLIC USAGE & BENEFITS:

### a) How is the public usage of this project clearly identified and quantified?

This project will be quantified by the number of vessels utilizing Route 2 of the Okeechobee Waterway.

### b) Discuss the regional local public benefits and access to be provided by the project.

Route 2 of the Lake Okeechobee Waterway has been closed for five years. Reopening this waterway will provide public access to local businesses that have been seriously impacted by the lack of waterway traffic during this closure period.

### c) Estimate the amount of total public use.

Approximately 36,000 vessels per year will utilize the channel, providing 600,000 to 1.2 million visitors and 72-90 million dollars in regional economic impact.

**d) Can residents from other counties of the District reasonably use the project? Explain.**

This project will provide easier access to all lake shoreline communities and it has been designed to take economic advantage of the environmental and recreational opportunities associated with its development.

*(For reviewer only)*  
*(0-8 points)*

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**4) TIMELINESS:**

**a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment D-8.**

The littoral shelf construction with rip rap is underway using existing permits. The dredging permit will need to go through the modification process which should take approximately 60 days and the bidding process usually takes about 4-6 weeks.

**b) Briefly explain any unique aspects of this project that could influence the project timeline.**

Due to the state of the local and national economies, this project should be expedited in a fast-track mode. Additionally, there is great Local, County, State, and Federal support for this project. The Audubon Society and Everglades Foundation have been sought out for their input and have been very supportive provided the project is completed in a manner that is consistent with the conceptual plan.

*(For reviewer only)*  
*(0-3 points)*

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**5) COSTS & EFFICIENCY:**

- a) List any additional funding sources and the status and amount of the corresponding funding that will be utilized to complete this project.**

The SFWMD has already contributed \$3 million for the littoral shelf construction phase; \$6 million has been requested by the County through the Federal stimulus package; and the City has requested another \$6 million in federal stimulus support. Additional funds will be sought through the Florida Fish and Wildlife Conservation Commission (FWC); FL Department of Transportation (FDOT), Department of Commerce- NOAA, and Defense Advanced Research Projects Agency (DARPA).

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

The bathymetry data may need to be re-examined to accurately determine fill volumes. It is anticipated that there will be enough dredged material to substantially cover the newly placed littoral shoreline rip rap, so the remainder of the environmental enhancement component can be completed.

- c) Describe any methods to be utilized to increase the cost efficiency of this project.**

This project incorporates the use of containment structures directly adjacent to the channel. This will save a substantial amount of money for trucking, storage, physical property purchases, long term overhead, and will provide for the development of shoreline features that will generate positive environmental and economic impacts to the local economy and the Lake.

- d) If there are any fees associated with the use of this facility, please detail. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A

*(For reviewer only)*  
*(0-6 points)*

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**6) PROJECT VIABILITY:**

**a) Does the project fill a specific need in the community?**

The project will have significant economic impact for the region in terms of job creation. The Glades region of Palm Beach County is identified as an “area of critical economic concern” and has an unemployment rate in excess of 25%, with a median income of just over \$10,000. Economic development will not occur in the Glades without undertaking this endeavor, as all current development efforts are centered on the utilization of Lake Okeechobee.

**b) Clearly demonstrate how the project will continue to be maintained after District funding is completed.**

The City of Pahokee will be responsible for maintaining the uplands littoral shelf area. It is anticipated that future phases will be managed through a collaborative effort between the City, environmental organizations, and private businesses.

**c) Will the program result in significant and lasting benefits? Please describe any environmental benefits associated with this project.**

This project has been planned to maximize the environmental benefits. In addition to specifically providing for improved/safer navigation, the environmental benefits include: improved habitat for fish and wildlife affecting the quality of water for the eastern shore of Lake Okeechobee, establishment of vegetative systems to promote habitat and to protect human development, eco-tourism and recreation opportunities related to boating, and which may include camping and hiking.

*(For reviewer only)*  
*(0-7 points)*

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SUB-TOTAL \_\_\_\_\_

FIND FORM NO. 00-25  
(Effective Date: 3-21-01, Revised 4-24-06)

**ATTACHMENT E-4D**  
**WATERWAYS ASSISTANCE PROGRAM**  
**APPLICATION EVALUATION AND RATING WORKSHEET**  
**INLET MANAGEMENT and PUBLIC NAVIGATION PROJECTS**

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS AN INLET  
MANAGEMENT or PUBLIC NAVIGATION PROJECT

<b>CATEGORY &amp; RATING POINTS AVAILABLE</b>	<b>RATING POINTS</b>	<b>EVALUATION CRITERIA</b>
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**7) WATERWAY RELATIONSHIP:**

**a) How does the project directly benefit the Atlantic Intracoastal Waterway (AICW)?**  
Dredging Route 2 and deepening the channel to 0-4 NGVD will provide for a safe and consistent channel that can be utilized in low water conditions.

**b) Briefly discuss any methods or activities that will address long-term sedimentation problems.**

Later phases of the project incorporate the use of sedimentation sumps that can be utilized as low cost collection points for sedimentation removal.

**c) Will the project inhibit sediment inflow into, or reduce the dredging frequency of the AICW?**

Historically little dredging has been necessary in Lake Okeechobee, however storm events have been documented to redistribute material. The use of rip rap revetments for offshore spoil containment in future phases should provide a barrier preventing the redistribution of material in the channel. When used in conjunction with the sumps, dredging frequency should be diminished.

*(For reviewer only)*  
*(0-5 points)*

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**8) PUBLIC ACCESS:****a) Will the project enhance public access to the waterways? Describe in brief detail.**

This project serves to reopen Route 2 of the Lake Okeechobee Waterway. This route has been closed for approximately five years. As a result of this closure millions of dollars in economic impact to the region have been lost resulting in business closures, job loss and economic decay. Additionally, the closure of Route 2 has eliminated the ability of vessels to seek safe harbor. The loss of this safety net has put mariners traversing the Lake at risk in the event of foul weather, or other mechanical failure.

*(For reviewer only)*  
*(0-3 points)*

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**9) PROJECT DESIGN:****a) Are there additional benefits to be realized by implementing this project?**

The SFWMD recognizes the positive benefits associated with the development of a project that promotes environmental stewardship as well as the economic benefits associated with environmental tourism. This project has been specifically designed to accomplish both in a manner that is financially viable and saves considerable costs over the conventional mechanisms. In addition to providing safer navigational access to 36,000 vessels, this project may also: provide recreational opportunities to 600,000 to 1.2 million visitors; generate 72-90 million in regional economic impact; and retain/create more than 200 jobs in the Glades area.

**b) Briefly spell out any water quality, environmental or habitat benefits to be realized by this project.**

The dredged material from Route 2 will be used to create the littoral shelf along the eastern shoreline of Lake Okeechobee. This created vegetative system will enhance habitat for fish and wildlife in an area of the Lake where no natural marsh systems exist. Eco-tourism and recreation opportunities would also improve.

*(For reviewer only)*  
*(0-2 points)*

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**10) PROJECT FUNDING:**

**a) List the additional funding sources for this project. What is the status of these funding sources?**

SFWMD- 3 million (approved)  
Palm Beach County- \$200,000  
Palm Beach County Federal Stimulus- requested 6 million  
City of Pahokee Federal Stimulus- requested 6 million  
NOAA -17 million (not approved)

**b) Explain the funding mechanism for the long-term maintenance of the project.**

The City of Pahokee will be responsible for maintaining the uplands area for phase one. It is anticipated that future phases will be managed through a collaborative effort between the City, environmental organizations, and private businesses.

*(For reviewer only)*  
*(0-2 points)*

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**RATING POINT**  
**TOTAL** \_\_\_\_\_

(Note: The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 0 points. A score of 35 points or more is required to be considered for funding.)

**ATTACHMENT D-5**

**FLORIDA INLAND NAVIGATION DISTRICT  
ASSISTANCE PROGRAM**

**PROJECT COST ESTIMATE**

**(See Rule Section 66B-1.005 & 1.008 for eligibility and funding ratios)**

**PROJECT TITLE: Lake Okeechobee Waterway Dredging and Shoreline Stabilization**

**APPLICANT: South Florida Water Management District in cooperation with the City of Pahokee**

<b>Project Elements</b> <i>(Please list the MAJOR project elements and provide a general cost break out for each one. For Phase I Projects, please list the major elements and products expected)</i>	<b>Quantity Estimated Cost</b> <b>(Number and/or Footage)</b>	<b>Applicant's Cost</b>	<b>FIND Cost</b>	
Rip Rap to form Littoral Shelf	Up to 10,000 LF	<b>\$3,000,000<sup>1</sup></b>	<b>0</b>	
Dredging and associated costs in support of shoreline stabilization	125-250 Thousand CY	<b>0</b>	<b>\$3,000,000</b>	
<sup>1</sup> Awarded through Contract #4600001830 to the City of Pahokee: June 2009				
<b>** TOTALS =</b>		<b>\$ _____</b>	<b><u>\$ 3,000,000</u></b>	<b><u>\$ 3,000,000</u></b>

**ATTACHMENT D-6  
RESOLUTION FOR ASSISTANCE  
UNDER THE FLORIDA INLAND NAVIGATION DISTRICT  
COOPERATIVE ASSISTANCE PROGRAM**

WHEREAS, THE South Florida Water Management District ( SFWMD) is interested in carrying out the following described project for the enjoyment of the citizenry of the City of Pahokee and the State of Florida:

Project Title Route 2 Dredging of the Lake Okeechobee Waterway and Shoreline Stabilization

Total Estimated Cost \$6,000,000

**Brief Description of Project:**

The Lake Okeechobee Waterway is the interstate waterway corridor that connects the East and West Coasts of Florida. This navigable route has been closed for five years due to hurricanes, drought, and a revised water regulation schedule. The reopening of Route 2 of the Waterway to the design depth will provide fueling and safe harbor for vessels traversing the lake especially in the event of hurricanes as they have no means of escaping from a storm without going around the southern tip of Florida. Dredging Route 2 to 0-2 NGVD will ensure that waterway is open even in times of drought. Dredged material will be dewatered and used in conjunction with the newly placed rip rap to form the base of the littoral shelf component along the shoreline.

AND, Florida Inland Navigation District financial assistance is required for the program mentioned above,

NOW THEREFORE, be it resolved by the SFWMD that the project described above be authorized,

AND, be it further resolved that said SFWMD make application to the Florida Inland Navigation District in the amount of 50% of the actual cost of the project in behalf of said City of Pahokee

AND, be it further resolved by the SFWMD that it certifies to the following:

1. That it will accept the terms and conditions set forth in FIND Rule 66B-1 F.A.C. and which will be a part of the Project Agreement for any assistance awarded under the attached proposal.
2. That it is in complete accord with the attached proposal and that it will carry out the Program in the manner described in the proposal and any plans and specifications attached thereto unless prior approval for any change has been received from the District.

3. That it has the ability and intention to finance its share of the cost of the project and that the project will be operated and maintained at the expense of said City of Pahokee for public use.

4. That it will not discriminate against any person on the basis of race, color or national origin in the use of any property or facility acquired or developed pursuant to this proposal, and shall comply with the terms and intent of the Title VI of the Civil Rights Act of 1964, P. L. 88-352 (1964) and design and construct all facilities to comply fully with statutes relating to accessibility by handicapped persons as well as other federal, state and local laws, rules and requirements.

5. That it will maintain adequate financial records on the proposed project to substantiate claims for reimbursement.

6. That it will make available to FIND if requested, a post-audit of expenses incurred on the project prior to, or in conjunction with, request for the final 10% of the funding agreed to by FIND.

This is to certify that the foregoing is a true and correct copy of a resolution duly and legally adopted by the South Florida Water Management District at a legal meeting held on this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_  
Attest

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

D  
ATTACHMENT E-7

**ATTORNEYS CERTIFICATION OF TITLE**  
(Sec Rule 66B-2.006(4) & 2.008(2) FAC)

OFFICE OF THE CITY ATTORNEY  
171 North Lake Avenue  
Pahokee, Florida 33476

March 31, 2009

TO WHOM IT MAY CONCERN:

I, Gary M. Brandenburg, am the Attorney for the City of Pahokee, Florida. I hereby state that I have examined a copy of a lease from The State of Florida to the City of Pahokee dated the 27<sup>th</sup> day of August, 2008, conveying long-term lease in the following described property:

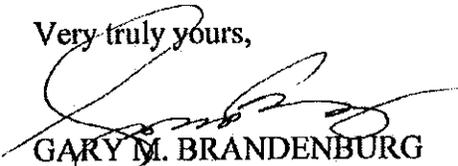
***Legal Description of Property attached as Exhibit "A"***

I have also examined a document showing that this property is listed on the tax rolls as belonging to the State of Florida. Finally, I have also examined such documents and records as necessary for this certification.

This property is what is now called "Lake Okeechobee Waterway and Shoreline Stabilization Project".

I certify that the City of Pahokee does in fact lease this property until December 14, 2056.

Very truly yours,

  
GARY M. BRANDENBURG  
CITY ATTORNEY

FIND Form No. 94-26 (effective date 5-25-00)

## EXHIBIT "A"

A tract of land describing a portion of the Herbert Hoover Dike Levee D-9 between the southeasterly right-of-way line and the waters of Lake Okeechobee lying adjacent to Section 13, Township 42 South, Range 38 East and Sections 18, 17, 8 and 5, Township 42 South, Range 37 East, City of Pahokee, Palm Beach County, Florida, according to the right-of-way map prepared by the U.S. Engineer Office - Jacksonville, Florida (now the U.S. Army Corps of Engineers, Jacksonville District) "Caloosahatchee River and Lake Okeechobee Drainage Areas, Levee Right-of-way", Florida as recorded in Plat Book 19, pages 1-14 of the public records of Palm Beach County, Florida, and being more particularly described as follows:

Commencing at the southwest corner of fractional Section 18, Township 42 South, Range 37 East, Palm Beach County, Florida; thence N 00° 37' 12" W (bearings based on said plat), along the West line of said Section 18, a distance of 1910.49 feet, more or less, to a point on the southeasterly right-of-way line of said Herbert Hoover Dike Levee D-9 and the Point of Beginning; thence N 56° 49' 52" E, along said southeasterly right-of-way line, a distance of 4386.51 feet to the intersection with a line being the northwesterly projection of the westerly line of the unnamed lot (assumed road right-of-way, as extended northerly from the Ridgeway Beach plat as recorded in Plat Book 7, Page 11 of the public records of Palm Beach County, Florida) situated between lots A-23 and A-24 according to the Supplemental Plat of Fractional Section 18, Township 42 South, Range 37 East, Palm Beach County as recorded in Plat Book 14, Page 60 of the public records of Palm Beach County, Florida; thence S 31° 04' 40" E, along said westerly line, a distance of 11.65 feet more or less to the northwest corner of said unnamed lot (also being the northeast corner of Lot A-24); thence N 62° 28' 17" E, along the north line of said unnamed lot, said north line also being the 17 foot contour according to said plat, a distance of 51.15 feet more or less to the northeast corner of said unnamed lot; thence N 31° 04' 40" W, along a line being the northwesterly projection of the easterly line of said unnamed lot, a distance of 14.66 feet more or less to the intersection with the said southeasterly levee right-of-way line; thence N 58° 55' 19" E, along said southeasterly levee right-of-way line, a distance of 1901.91 feet to the easterly corner of those lands described in Official Records Book 13304, page 0899 of the public records of Palm Beach County, Florida; thence continue N 58° 55' 19" E, along said southeasterly levee right-of-way line, a distance of 629.56 feet; thence N 50° 09' 05" E, along said southeasterly levee right-of-way line, a distance of 3244.58 feet; thence N 36° 32' 30" E, along said southeasterly levee right-of-way line, a distance of 2408.44 feet; thence N 21° 01' 48" E, along said southeasterly levee right-of-way line, a distance of 992.95 feet more or less to the intersection with the South line of Section 5, Township 42 South, Range 37 East, Palm Beach County, Florida; thence N 89° 42' 04" E, along said South section line, a distance of 8.05 feet more or less to the intersection of said South section line and the 17 foot contour according to the T.I.I.F. Supplemental Plat of Sections 5, 8 and 17, Township 42

South, Range 37 East, dated April 1927, as recorded in the public records of Palm Beach County, Florida; thence N 20° 40' 31" E, along said 17 foot contour, a distance of 1211.15 feet to the intersection with said levee right-of-way line; thence N 68° 05' 12" W, a distance of 397.9 feet more or less to the waters edge of Lake Okeechobee, being the 13.7 foot contour (relative to the National Geodetic Vertical Datum, 1929); thence Southwesterly, along said waters edge of Lake Okeechobee, a distance of 8275 feet more or less to the northerly corner of those lands described in Official Records Book 13304, page 0899 of the public records of Palm Beach County, Florida; thence continue Southwesterly, along said waters edge of Lake Okeechobee, a distance of 7740 feet more or less to the westerly corner of those lands described in Official Records Book 13304, page 0899 of the public records of Palm Beach County, Florida; thence S 33° 30' 05" E, along the southwesterly line of said lands described in Official Records Book 13304, page 0899 of the public records of Palm Beach County, Florida and a Southeasterly projection thereof, a distance of 426 feet more or less to a point on the southeasterly right-of-way line of said levee; thence N 58° 49' 52" E, along said southeasterly right-of-way line, a distance of 1302.97 feet more or less to a point on the West line of said Section 18 and the Point of Beginning.

**LESS and EXCEPT:**

A tract of land, describing all that portion of the Herbert Hoover Dike Levee D-9 lying between the southeasterly right of way line and the waters of Lake Okeechobee from station 108+69.5 to station 163+06.5, all according to the right of way map prepared by the Central and Southern Florida Flood Control District, DWG. No. L-D9-2, more particularly described as follows:

Commencing at the Southwest corner of fractional Section 18, Township 42 South, Range 37 East, Palm Beach County, Florida; thence North 0° 28' 16" West, along the West line of said Section 18, a distance of 1910.19 feet to a point on the southeasterly right of way line of the Herbert Hoover Dike Levee D-9, a works of the Central and Southern Florida Flood Control District, as now laid out and in use, said point being station 99+65.03; thence North 57° 00' 48" East, along the said right of way line, a distance of 804.47 feet to the Point of Beginning, said point being station 108+69.50; thence continue North 57° 00' 48" East, along the said right of way line, a distance of 3486.18 feet to a point, said point being station 143+55.68; thence North 59° 08' 15" East, along the said right of way line, a distance of 1850.82 feet to a point, said point being station 163+06.50; thence North 30° 53' 45" West, to the waters edge of Lake Okeechobee; thence in a southwesterly direction along the waters edge of Lake Okeechobee, to a point on a line (said line bearing North 32° 59' 12" West from the Point of Beginning above described); thence South 32° 59' 12" East to the Point of Beginning, said point being station 108+69.50.

**ALSO LESS and EXCEPT:**

A parcel of land lying within the United States Levee Right-of-Way of Lake Okeechobee, said lands situate in Section 13, Township 42 South, Range 36

East; and Section 18, Township 42 South, Range 37 East, City of Pahokee, Palm Beach County, Florida, and being more particularly described as follows: Commencing at the Southeast corner of said Section 13; thence north 00 degrees 41' 02" west along the east line of said section 13, a distance of 1954.38 feet to the point of beginning; thence south 56 degrees 56' 31" west, a distance of 1328.40 feet; thence north 33 degrees 29' 54" west, a distance of 352.17 feet; thence north 58 degrees 49' 58" east along the shore line of said Lake Okeechobee, a distance of 1523.33 feet to a point on the said east line of Section 13 and the west line of said Section 18; thence continue along said line north 54 degrees 27' 10" east, a distance of 695.07 feet; thence south 32 degrees 53' 04" east, a distance of 334.56 feet; thence south 57 degrees 06' 09" west, a distance of 884.80 feet to a point on the said west line of Section 18 and the point of beginning of the herein described parcel.

**ALSO LESS AND EXCEPT:**

A strip of land, at least 20 feet in width, along the top level tier of the Herbert Hoover Dike, said strip of land being described as follows:  
All that part of the above described parcel lying above an elevation of 38.0 feet NGVD as of July 2008.

If any part of said top level tier within the above description does not have sufficient elevation to include a continuous 20 foot wide strip of land, this parcel will also include a strip of land lying 20 feet toward the lakeside from the highest ground elevation along the top of said dike.

**ATTACHMENT E-8**  
**WATERWAYS ASSISTANCE PROGRAM**  
**PROJECT TIMELINE**

**Project Title:** Lake Okeechobee Waterway Dredging and Shoreline Stabilization

**Applicant:** South Florida Water Management District

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including completion dates, as applicable, for; permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

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Modify Permits:	May 1, 2009 – Sept 2009
Bidding:	October 1, 2009
Select Contractor:	October 15, 2009
Initiate Construction:	November 2, 2009 – March 2010



