

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS**

AGENDA ITEM SUMMARY

Meeting Date: August 14, 2012 Consent Regular
 Workshop Public Hearing

Department

Submitted By: Environmental Resources Management

Submitted For: Environmental Resources Management

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to:

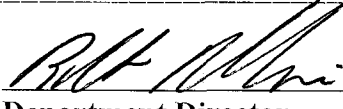
A) adopt a Resolution for Assistance through the Florida Boating Improvement Program (FBIP) authorizing submission of a grant application requesting \$398,000 to cover a portion of the \$2,873,204 associated with construction of the Fullerton Island Restoration project within the Town of Jupiter.

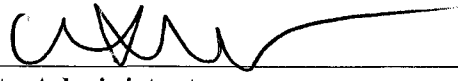
B) authorize the County Administrator, or his designee, to sign the project agreements, all future time extensions, task assignments, certifications, statements and other forms associated with these documents, and any necessary minor amendments that do not change the scope of work or terms and conditions of these documents; and

C) authorize the Director of the Department of Environmental Resources Management to serve as Liaison Agent with Florida Fish and Wildlife Conservation Commission (FWCC) for this project.

Summary: The County will submit a grant proposal which requires a resolution for signature authority and will reimburse the County up to \$398,000 from the Florida Boating Improvement Program (FBIP) for the Fullerton Island Restoration project. This project includes creating mangrove and seagrass habitat; restoring and preserving maritime hammock; constructing a six slip day use dock; constructing an observation tower and informational kiosk. The total cost of the project is estimated at \$2,873,204. The County's share for the grant is anticipated from a combination of municipal partners, Palm Beach County Parks Department, Vessel Registration, and Manatee Protection funds depending on the award amount. District 1 (SF)

- Attachments:**
- 1. Resolution – FBIP Program
 - 2. FBIP Grant Application
 - 3. Location Map

Recommended by:  7-19-12
Department Director Date

Approved by:  7/29/12
County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2012	2013	2014	2015	2016
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
NET FISCAL IMPACT	_____	_____	_____	_____	_____
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____
Is Item Included in Current Budget?	Yes _____		No <u>x</u> _____		
Budget Account No.:	Fund _____	Department _____	Unit _____	Object _____	Program _____

B. Recommended Sources of Funds/Summary of Fiscal Impact:
~~No~~ No fiscal impact associated with this application at this time. Should the grant be awarded, a budget amendment will be presented to the Board for approval. Match requirements (up to \$2,475,204) will be determined contingent on the amount of award. Funding for this project is anticipated from a combination of State grants, interlocal agreements, Vessel Registration funds, Manatee Protection funds, and the County Parks Department.

C. Department Fiscal Review: *JP*

III. REVIEW COMMENTS

A. OFMB Fiscal and /or Contract Dev. and Control Comments:

M. Diaz
 OFMB 7/24/12
J. J. Jacob
 Contract Development and Control 7/25/12
7-25-12 B. Beckwith

B. Legal Sufficiency:
[Signature]
 Assistant County Attorney

C. Other Department Review:

Department Director

Background and Justification: The FWCC offers grants to local governments through its FBIP for public recreation projects directly related to the waterways. An application for \$398,000 in grant funding is being submitted to the FWCC for the Fullerton Island Restoration Project. The Fullerton Island Restoration Project is located in the Intracoastal Waterway 1.17 miles west of the Jupiter Inlet. Over 6 acres of exotic vegetation and spoil will be removed to create habitat for fish and wildlife. The project will construct 6 day use docks for public use and provide public-use facilities to promote environmental education and recreational opportunities in the northern part of the County. Boater destination parks were identified as a high priority need identified by Palm Beach County's *Public Boating Needs Assessment Study, 2002*. Construction is expected to begin in 2013. The County executed an Interlocal Agreement with the Town of Jupiter on October 18, 2011 (R2011-1634).

RESOLUTION NO. 2012-_____

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A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF PALM BEACH COUNTY, FLORIDA, AUTHORIZING THE PROJECT MANAGER TO SUBMIT THE GRANT APPLICATION FOR THE FLORIDA BOATING IMPROVEMENT PROGRAM AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, Palm Beach County has determined that recreational boating and fishing is a viable industry that significantly contributes to economic growth; and

WHEREAS, the Palm Beach Board of County Commissioners desires to construct facilities that will encourage recreational boating and fishing; and

WHEREAS, the Palm Beach Board of County Commissioners has determined that the addition of proposed facilities at Fullerton Island will promote recreational boating and fishing; and

WHEREAS, the Director of Environmental Resources Management is hereby designated as the Project Manager and has the authority to apply for and to administer the requested grant on behalf of the Board of County Commissioner.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF PALM BEACH COUNTY, FLORIDA, that:

Section 1: The Board of County Commissioners hereby approves the submission of a Florida Boating Improvement Program Grant Application for funding in the amount of \$398,000 for the Fullerton Island boating facility project; and

Section 2: The Board of County Commissioners hereby authorizes the Director of Environmental Resources Management, as Project Manager, to execute and administer the grant application on behalf of Palm Beach County.

Effective Date: This Resolution shall become effective upon adoption.


1 The foregoing Resolution was offered by Commissioner _____, who
2 moved its adoption. The motion was seconded by Commissioner _____,
3 and upon being put to a vote, the vote was as follows:

- 4 Commissioner Shelley Vana, Chair _____
- 5 Commissioner Steven L. Abrams, Vice Chair _____
- 6 Commissioner Karen T. Marcus _____
- 7 Commissioner Paulette Burdick _____
- 8 Commissioner Burt Aaronson _____
- 9 Commissioner Jess R. Santamaria _____
- 10 Commissioner Priscilla A. Taylor _____

11 The Chairman thereupon declared the Resolution duly passed and adopted this
12 _____ day of _____, 2012.

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APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

By 
Assistant County Attorney

PALM BEACH COUNTY, FLORIDA BY ITS
BOARD OF COUNTY COMMISSIONERS

Sharon R. Bock, Clerk & Comptroller

By _____
Deputy Clerk



Florida Fish and Wildlife
Conservation Commission
MyFWC.com

Florida Boating Improvement Program Grant Application for Boating Access Facilities

FOR OFFICE USE ONLY	
Grant Application Number :	Date Received:

Fill in all sections that apply – Leave all other sections blank

I – APPLICANT INFORMATION			
a. Applicant: Palm Beach County Department Environmental Resources Management (ERM)			
b. Federal Employer Id. No.: 59-6000785			
c. Project Manager Name: Robert E. Robbins		Project Manager Title: Director	
d. Mailing Address: 2300 N. Jog Rd., 4 th floor		City: West Palm Beach	Zip Code: 33411-2743
e. Shipping Address:		City:	Zip Code:
f. Telephone: 561-233-2400	Fax: 561-233-2414	Email: rrobbins@pbcgov.org	
g. District Numbers:	U.S. Congressional: 22	State Senate: 16	State House: 82

II – PROJECT SUMMARY		
a. Project Title: Fullerton Island Restoration Project		
b. Type of Application: <input checked="" type="checkbox"/> New (never considered before) <input type="checkbox"/> Reconsideration <input type="checkbox"/> Phased Continuation–Phase No.: _____		
c. Project Category:	TIER-I	TIER-II
	<input type="checkbox"/> A – Public Launching Facilities	<input checked="" type="checkbox"/> A – Boat Ramps, Piers, and Docks <input type="checkbox"/> B – Public Launching Facilities
d. Project Cost:	Total Cost: \$ <u>2,873,204</u>	Amount Requested: \$ <u>398,000</u>
e. Project Summary:		
<p>Fullerton Island is located adjacent to the Intracoastal Waterway (IWW) just west of Burt Reynolds Park and boat ramp and 1.17 miles west of the Jupiter Inlet. The Town of Jupiter purchased the 11.73 acre island in 2008, with intentions of preserving the island. The island is one of the few undeveloped areas which can be restored to provide mangrove, seagrass and temperate hammock habitat along with a boater destination to increase recreational opportunities for boaters. The proposed project includes removing over 6 acres of exotic vegetation and scraping portions of the island to wetland elevations to provide habitat for fish and wildlife. Boating facilities include constructing six new docks, creating a boat basin and cutting an access channel to the IWW that will be stabilized with riprap. The docks will be for day use only and will accommodate patrons on a first come first serve basis. Each dock will be 30' in length and able to accommodate a 35' vessel. Palm Beach County has received the Environmental Resources Permit from FDEP and expects the USACE permit by September 2012. Construction is expected to commence in the beginning of 2013 and be completed by the end of the year. The day use docks will provide patrons a means to access the island as a protected boating destination for fishing, picnicing and recreational activities which will include access and protected waters for kayaks and stand up paddleboards.</p>		

III - FACILITY INFORMATION

a. Facility Name: Fullerton Island

b. Type of Facility:

- Existing Boat Ramp / Public Launching Facility Existing Marina / Tie-up / Overnight Moorage Facility
 Proposed Boat Ramp / Public Launching Facility Proposed Marina / Tie-up / Overnight Moorage Facility
 Other: Six new boat docks

c. Facility location:

County: Palm Beach County Water body: ICWW - Loxahatchee River
 Township: 40/41 Section: 6 Range: 43
 Latitude: N 26 deg. 56 min. 38 sec. Longitude: W 80 deg. 5 min. 26sec.
 Facility Street Address or Location: 500 ft. west of Civic Center at Burt Reynolds Park @ 800 N. U.S. Hwy 1

d. Upland Ownership:

Public - Fee Simple Public - Lease Number of Years Remaining in Lease: _____
 Name of Owner: Town of Jupiter

e. Is this facility open to the general public? Yes No

f. Estimate Percent (%) Use of Launching Facility: _____% Motorboats/Sailboats _____% Non-Motorboats

g. Day Use, Parking or Launch Fee Amount: \$ None Tie-up/Overnight Moorage: \$ N/A

h. Number of Launch Lanes: N/A Condition: New Good Average Poor

i. Number of Boarding Docks: N/A Length: _____ Ft. Condition: New Good Average Poor
 Type of docks: Fixed Wooden Fixed concrete Floating Other : _____

j. Number of Boat Trailer Parking Spaces: _____ Condition: New Good Average Poor

k. Tie-up Dock or Moorage: _____ Ft or 6 Slip Condition: New Good Average Poor
 Type of docks: Fixed Wooden Fixed concrete Floating Other : _____

l. Other Facility Attributes:

Restroom: Yes No Proposed Other: Picnic benches and Observation tower
 Pump out or Dump Station: Yes No Other: Educational Kiosk

m. Names of adjacent boating facilities, public and private (ramps, tie-up facilities/marinas) within a 10-mile radius.

Name	Distance	Name	Distance
1. <u>Burt Reynolds Park</u>	<u>.10 miles</u>	2. <u>Bert Winters Park</u>	<u>8 miles</u>
3. <u>Juno Park</u>	<u>4.3 miles</u>	4. <u>Anchorage Park</u>	<u>9.2 miles</u>
5. <u>Admiral's Cove Marina</u>	<u>3.3 miles</u>	6. <u>Jupiter Yacht Club Marina</u>	<u>.7 miles</u>
7. <u>Captain Paul's Landing</u>	<u>1.93 miles</u>	8. <u>Jupiter Seasport Marina</u>	<u>.4 miles</u>
9. <u>Jupiter Pointe Marina</u>	<u>2.6 miles</u>	10. <u>Old Port Cove Marina</u>	<u>7.6 miles</u>

IV - PROJECT DESCRIPTION

a. List Primary Need for Project:

Safety

Age-end of Useful Life

Environmental Needs of the Area

Other: _____

High Demand by Users

Recommended by FWC Staff

Lack of In-house Capability

b. Need Statement:

In 2002, Palm Beach County completed a Boating Needs Assessment Survey that clearly identified the need for additional boater destinations: The survey supported the creation of boater destination facilities along the Intracoastal Waterway. Recreational boating in Florida state waters contributes to the well-being of both residents and visitors. The need to acquire and develop saltwater boat access is justified through the continued increase in population growth primarily within coastal communities in South Florida. According to FY 2011 figures, there are approximately 40,000 vessels registered in Palm Beach County.

Improvements to Fullerton Island, such as the addition of day docks will assist in meeting these needs as well as increasing public access to saltwater recreational activities.

c. Approach (Scope of Work): Describe the project's scope of work by providing a list of tasks and deliverables:

Project Tasks:

- 1) Task 1 - Remove exotic vegetation and spoil from the island
- 2) Task 2 - Excavate a boat basin & channel entrance
- 3) Task 3 - Construct 6-slip floating dock and aluminum ramp
- 4) Task 4 - Construct observation tower
- 5) Task 5 - Construct informational kiosk
- 6) Task 6 - Install limestone rip rap at channel entrance for channel stabilization
- 7) Task 7 - Install native hammock vegetation, mangroves and monitor seagrass recruitment

d. Project Benefits:

This project will provide public recreational access and a protected boater destination along the Intracoastal Waterway. The project is in close proximity to a major public boat ramp and other recreational venues in Jupiter, FL and will accommodate kayaking and stand up paddle boarding as well as a space for a water taxi to dock. It will provide boaters a safe place to dock and catch bait in the IWW, fish, picnic, snorkel, observe nature, check ocean conditions, and ride out rough weather. The facility will be used by both Palm Beach County and Martin County residents.

When completed, this project will also provide a multitude of environmental benefits:

- Promote recruitment of seagrass, including the federally listed *Halophila johnsonii*.
- Provide diverse habitat for many commercially important fish species and endangered and threatened wildlife, including manatees and sea turtles.
- Improve water quality by filtering nutrients and sediments from water column.
- Increase the diversity and abundance of invertebrates, which benefits wading birds and shorebirds.
- Improve habitat for recreational opportunities, including fishing and kayaking

V – BUDGET

a. Has a detailed cost estimate been developed for this project? If yes, attach a copy to application.

Yes, Preliminary

Yes, Final

No

b. PROJECT COST: NON-CASH MATCH

Cost Item	Applicant Share	Other Share (List below in Section VI)	Do Not Use This Column	TOTAL
Administration	\$ 15,000	\$		\$ 15,000
Project Management	\$ 283,624	\$		\$ 283,624
In-Kind Engineering	\$ 125,000	\$		\$ 125,000
In-Kind Labor	\$	\$		\$
In-Kind Materials	\$	\$		\$
In-Kind Equipment	\$	\$		\$
Total Non-Cash Match	\$ 423,624	\$		\$ 423,624

c. PROJECT COST: CASH FUNDS

Cost Item	Applicant Share	Other Share (List below in Section VI)	FBIP Grant Share	TOTAL
Administration / Project Management	\$	\$	\$	\$
Design / Engineering	\$	\$	\$	\$
Permitting	\$ 850	\$	\$	\$ 850
Construction / Repair: Boat Ramps	\$	\$	\$	\$
Construction / Repair: Lifts, Hoists, Marine Railways	\$	\$	\$	\$
Construction / Repair: Docks	\$	\$ 195,430	\$ 227,000	\$ 422,430
Construction / Repair: Parking	\$	\$	\$	\$
Other: Kiosk Construction	\$	\$	\$ 11,000	\$ 11,000
Other: Tower Construction	\$	\$ 78,000	\$	\$ 78,000
Other: Mobilization/Demobilization	\$ 50,000	\$ 50,000	\$	\$ 100,000
Other: Clear, Chip, Burn	\$ 167,300	\$ 30,000	\$	\$ 197,300
Other: Excavate/Haul	\$ 797,075	\$ 607,925	\$	\$ 1,405,000
Other: Stabilization	\$	\$	\$ 160,000	\$ 160,000
Other: Planting	\$ 45,000	\$ 30,000	\$	\$ 75,000
Total Cash Funds	\$ 1,060,225	\$ 991,355	\$ 398,000	\$ 2,449,580

d. TOTAL COST: (non-cash match + cash funds)	\$ 1,483,849	\$ 991,355	\$ 398,000	\$ 2,873,204
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VI - OTHER SOURCE OF FUNDS (Partnerships)

a. Funding source / Agency: Florida Inland Navigation District

b. Type of funding: Federal grant State/Local grant Loan

c. Grant Name: Waterway Assistance Program Amount \$ 961,355

d. Approval Status: Approved Pending Intend to Apply, Date: _____

a. Funding source / Agency: South Florida Water Management District

b. Type of funding: Federal grant State/Local grant Loan

c. Grant Name: Indian River Lagoon License Plate Fund Amount \$ 30,000

d. Approval Status: Approved Pending Intend to Apply, Date: _____

a. Funding source / Agency: _____

b. Type of funding: Federal grant State/Local grant Loan

c. Grant Name: _____ Amount \$ _____

d. Approval Status: Approved Pending Intend to Apply, Date: _____

VII - PROJECT ENGINEERING AND CONSTRUCTION

a. Who is or will be completing project design/engineering?

- Applicant's Own Staff
- Consulting Engineers
- N/A (Materials or Equipment Purchase)
- Other:

b. Level of engineering completed at time of application:

- None
- Conceptual (Master Plan Phase)
- Preliminary
- Final (Ready to Bid)

VIII - PERMITS

	Submitted	Approved	N/A
a. Florida Department of Environmental Protection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Florida Fish and Wildlife Conservation Commission*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. U.S. Army Corps of Engineers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Local and Others (If needed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Note: Projects involving mooring buoys must be permitted pursuant to Chapter 68D-23, F.A.C.

IX – ENVIRONMENTAL ASSESSMENT

- a. Explain how the project may impact the environment and describe any mitigation or actions proposed to minimize impacts.

Strict turbidity controls and monitoring will be adhered to during the construction of this project. A silt fence will be installed between the existing mangroves and work area to protect the surrounding mangrove habitat. Turbidity curtains will be deployed during jetty rock placement and will remain in place until all excavation and rock work is completed and turbidity has returned to background levels. Limestone boulders will be installed along the channel entrance for shoreline stabilization to reduce wave reflection and to reduce erosion from boat wakes along the IWW. Installation of rock revetment at the flushing channel will provide a layer for oysters, sponges, and algae to grow, and nooks for fish and shellfish.

A seagrass survey was completed and the project was re-designed to reduce and re-align the rock jetty footprint to avoid and minimize environmental impacts to existing seagrass beds at the channel entrance. The County will use a portion of the created seagrass to offset impacts associated with this and other restoration or public works projects

X – BOATER SAFETY

- a. Explain how the project may affect boater safety whether positively or negatively.

The east side of Fullerton Island is adjacent to the Intracoastal Waterway in Jupiter and directly across from the Burt Reynolds Park boat ramp. The construction of day use docks in the created boat basin will provide boaters protection from waves and currents and a safe harbor to ride out rough weather. Law enforcement vessels and water taxis may also use the day use docks which will provide access to the IWW, the Loxahatchee River, the Jupiter Inlet and the Atlantic Ocean.

The limestone boulders used to armor the channel cut will result in the reduction of wave reflection in the IWW creating a safer boating environment. The proposed kiosk will provide manatee protection signs and information on boater safety.

XI - APPLICATION ATTACHMENTS CHECKLIST

Submit one (1) signed original plus two (2) photocopies of the application with attachments and an electronic copy on CD.	
Inc.	--- Required Attachments ---
<input checked="" type="checkbox"/>	a. Cover Letter: application transmittal cover letter (Identify priority rank with multiple applications).
<input checked="" type="checkbox"/>	b. Application: One (1) application with original signature from authorized individual.
<input checked="" type="checkbox"/>	c. Resolution: An adopted resolution, by the Governing Body, authorizing that the Project Manager has the authority to apply for and administer the grant on behalf of the applicant. If the Applicant is applying on behalf of another public entity, then a Memorandum of Understanding between the Applicant and the public entity must also be submitted.
<input checked="" type="checkbox"/>	d. Boundary Map: indicate boundary of the project area.
<input checked="" type="checkbox"/>	e. Site Control Documentation: (e.g. a deed, lease, results of title search, etc. for the project site.)
<input checked="" type="checkbox"/>	f. Existing Condition Photographs (sufficient to depict the physical characteristics of the project area)
<input checked="" type="checkbox"/>	g. Aerial Photographs (marked with the approximate boundaries of the project site)
<input checked="" type="checkbox"/>	h. Detailed Cost Estimate: Cost estimate in the form of a formal bid, written quote from proposed vendor or an engineer's cost estimate.
<input checked="" type="checkbox"/>	i. Navigational Chart: An 8.5" x 11" photocopy of a current NOAA North American Datum 83 nautical chart (provide the NOAA chart name and number) indicating the precise location of the project site.
--- For Construction Grants ---	
<input checked="" type="checkbox"/>	j. Permits: Photocopies of necessary project permit(s) or permit application(s). If exempt, provide notification of exemption from permitting agency.
--- Optional Attachments ---	
<input checked="" type="checkbox"/>	k. Plans: preliminary design/engineering plans (if completed).
<input checked="" type="checkbox"/>	l. Support/Opposition: Attach letters of known public support or known public opposition.

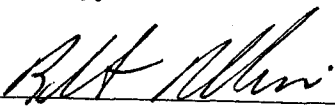
APPLICANT SIGNATURE

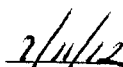
Application is hereby made for the activities described herein. I certify that I am familiar with the information contained in the application, and, to the best of my knowledge and belief, this information is true, complete, and accurate. I further certify that I possess the authority including the necessary requisite property interests to undertake the proposed activities.

I also certify that the Applicant's governing body is aware of and has authorized the Project Manager as the official representative of the Applicant to act in connection with this application and subsequent project as well as to provide additional information as may be required. By signature below, the Applicant agrees to comply with all applicable federal, state, and local laws in conjunction with this proposal and resulting project so approved.

Robert Robbins
 Print/Type Name

Director
 Title


 Applicant Signature


 Date

WARNING: "Whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his or her official duty shall be guilty of a misdemeanor of the second degree, punishable as provided in s. 775.082 or s. 775.083." § 837.06, Florida Statutes.

NOTE: Instruction and further information regarding this application and the Florida Boating Improvement Program can be found in the Florida Boating Improvement Program Guidelines or you may contact the Program Administrator at: Florida Fish and Wildlife Conservation Commission, Florida Boating Improvement Program, 620 South Meridian Street, Tallahassee, FL 32399-1600; or call (850) 488-5600; or email fbip@MyFWC.com.

Project Location Map

