Agenda Item #:3L2

PALM BEACH COUNTY **BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY**

Meeting Date: Department	May 17, 2011	(X) Consent () Workshop	() Regular () Public Hearing			
Submitted B Submitted Fo		Environmental Resources Management Environmental Resources Management				

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to:

- A) adopt a Resolution for Assistance through Florida Inland Navigation District (FIND) Waterways Assistance Program authorizing submission of a grant application requesting \$406,250 to cover a portion of the \$812,500 associated with construction of the John's Island Oyster Reef Project (Phase 2) situated in the Lake Worth Lagoon (LWL);
- B) adopt a Resolution for Assistance through FIND Waterways Assistance Program authorizing submission of a grant application requesting \$1,900,000 to cover a portion of the \$3,800,000 associated with construction of the Lake Wyman Restoration Project situated along the Intracoastal Waterway within the City of Boca Raton;
- C) adopt a Resolution for Assistance through FIND Waterways Assistance Program authorizing submission of a grant application requesting \$1,190,000 to cover a portion of the \$2,380,000 associated with construction of the Grassy Flats Environmental Restoration Project situated along the Lake Worth Lagoon within the Town of Palm Beach;
- D) adopt a Resolution for Assistance through FIND Waterways Assistance Program authorizing submission of a grant application requesting \$988,400 to cover a portion of the \$1,976,800 associated with construction of the Bryant Park Environmental Restoration and Public Use Facility along the Lake Worth Lagoon within the City of Lake Worth;
- E) 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
- F) authorize the Director of the Department of Environmental Resources Management to serve as Liaison Agent with FIND for these projects.

Summary: The County will be submitting four (4) grant proposals which will reimburse the County nearly \$4.5 million for projects that are approved to go forward or part of an approved management plan. Specifically, the grant proposals would reimburse the County for \$406,250 (John's Island Oyster Reef Project - Phase 2); \$1,900,000 (Lake Wyman Restoration Project); \$1,190,000 (Grassy Flats Environmental Restoration Project); and \$988,400 (Bryant Park Environmental Restoration and Public Use Facility). If successful in receiving approval(s) for funding, the deadline for spending the grant(s) will be September 2014. The County's share for each grant request is anticipated from a combination of State grants, inter-local agreements, Vessel Registration funds, and Manatee Protection funds. Districts 2, 3, and 4 (SF)

Background and Justification: (continued on Page 3)

Attachments:

1. Four Resolutions - FIND Waterway Assistance Program

2. FIND Waterway Assistance Program Grant Applications

Recommended by:

Department Director

Approved by:

II. FISCAL IMPACT ANALYSIS

A.	Five Year Su	mmary of	Fiscal Impact	1		
Fiscal Years Capital Expenditures Operating Costs External Revenues Program Income (County) In-Kind Match (County)		<u>2011</u>	<u>2012</u> 	<u>2013</u>	<u>2014</u>	<u>2015</u>
NET FISCA	AL IMPACT					
	ONAL FTE S (Cumulative)					
Is Item Inclu Budget Acco	ided in Curren ount No.:	t Budget? Fund Program	(Match) Yo Department	es N UnitC	o <u>X</u> Object	
В.	Recommende	ed Sources	of Funds/Sun	ımary of Fisca	al Impact	
С.	Funding for t inter-local agr	eements, \	ects are anticiportessel Registrati	ated from a co	ombination of Manatee Prote	State grants, ction funds.
		III. R	EVIEW COM	<u>MENTS</u>		
A. If all of the state of the s	OFMB Fiscal or ejects are acc by Sources his OFMB Legal Sufficient	cepted -	6211 =	notch requirer	omments: peaks of 4,4. Dev. and Con	5 (3)11
C.	Assistant Cou	•	v			
	Department I	Director				

(Continued from Page 1)

Background and Justification:

The John's Island Oyster Reef Project (Phase 2) is located east of John's Island within the LWL. It is a continuation of an oyster reef project that was completed in December, 2009. The latest proposal includes the placement of approximately 8,125 tons of limestone rock to create an additional 5 acres of oyster reef habitat. With approved funding, the John's Island Oyster Reef Project (Phase 2) is scheduled for construction beginning in the spring of 2012.

The Lake Wyman Environmental Restoration Project is located west of the Intracoastal Waterway and encompasses Rutherford and Lake Wyman Parks, within the City of Boca Raton. The goals of the project are: (1) remove 11 acres of exotic vegetation and restore 7.3 acres of mangroves, 2.2 acres of maritime hammock, 1 acre of flushing ponds, 0.5 acres of transitional habitat, and 0.2 acres of seagrass; (2) provide 2,463 linear feet of shoreline stabilization and oyster reef habitat; and (3) provide public-use facilities, including a 6-slip day dock, 2,669 linear feet of additional boardwalk with two pavilions and an observation tower, and enhancement of 4,785 linear feet of canoe trails, to promote environmental education and recreational opportunities. Project is expected for construction in late 2012.

The Grassy Flats Environmental Restoration Project consists of the capping of 12.7 acres of anoxic muck sediments south of Ibis Isle and directly adjacent to the Town of Palm Beach Par 3 Golf Course, in the Lake Worth Lagoon, to provide vital estuarine habitat for fish and wildlife, promote recreational opportunities for the public, and protect existing shoreline by further reducing boat wake. Project is expected to begin construction in late 2012.

The Bryant Park Environmental Restoration and Public Use Facility includes the placement of approximately 58,800 cubic yards of sand within a 7.05 acre to effectively cover a two to three foot layer of muck and create 4.54 acres of shallow water submerged land for recruiting seagrasses, 0.44 acres of intertidal flats for supporting mangroves and Spartina, 0.25 acres of oyster reef. The project also includes the refurbishment and improvements to the existing Bryant Park boat ramp facility. Project is expected to begin construction in early 2012.