Agenda Item #: 3L3

# PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

Meeting Date:	May 7, 2013	(X) Consent ( ) Workshop	( ) Regular ( ) Public Hearing
Department			
Submitted By: Enviro		nmental Resources Ma	<u>anagement</u>
Submitted For: Enviro		onmental 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 \$600,000 to cover a portion (26%) of the \$2,311,183 associated with construction of the Grassy Flats Restoration Project;
- B) adopt a Resolution for Assistance through FIND Waterways Assistance Program authorizing submission of a grant application requesting \$280,725 to cover a portion (50%) of the \$561,450 associated with shoreline protection and the Juno Dunes Natural Area;
- C) adopt a Resolution for Assistance through FIND Waterways Assistance Program authorizing submission of a grant application requesting \$258,037 to cover a portion (50%) of the \$516,075 associated with construction of a shoreline protection project along the Highland Beach Mangroves;
- **D)** 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 agreements, and necessary minor amendments that do not change the scope of work, terms or conditions of these agreements; and
- E) 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 grant proposals which will reimburse the County up to \$1,138,762 for three estuarine restoration projects. Specifically, the grant proposals would reimburse the County for \$600,000 (Grassy Flats Restoration Project); \$280,725 (Juno Dunes Natural Area Shoreline Protection Project); and \$258,037 (Highland Beach Mangroves Shoreline Protection Project). If successful in receiving approval(s) for funding, the deadline for spending the grant(s) will be September 2015 with the possibility of a one-year extension. The County's share of \$2,249,946 is anticipated from a combination of federal and state grants, municipal partners, Pollution Recovery Trust, Vessel Registration, and Manatee Protection funds to be determined depending on the award amount. Awards are expected to take place in FY14. The Department will only accept awards for which it has adequate matching funds available. Districts 1, 2 and 4 (SF)

Background and Justification: (continued on Page 3)

# **Attachments:**

1. Three Resolutions - FIND Waterway Assistance Program

2. FIND Waterway Assistance Program Grant Applications

Recommended by:

Approved by:

Department Dire

**County Administrator** 

Date

¹ Daté

# II. FISCAL IMPACT ANALYSIS

<b>A.</b>	Five Year Summary of Fiscal Impact:
In-Kind Ma	costs 3,388,708 2015 2016 2017
# ADDITI	ONAL FTE S (Cumulative)
Is Item Inclu Budget Acco	uded in Current Budget? Yes NoX ount No.: Fund Department Unit Object Program
в. **	Recommended Sources of Funds/Summary of Fiscal Impact No fiscal impact associated with the grant applications. Match requirements for any grant awarded will be determined contingent on the amount of award. Funding for these projects is anticipated from a combination of Federal funding, State grants, interlocal agreements, Pollution Recovery Trust, Vessel Registration and Manatee Protection funds.
C.	Department Fiscal Review:
	III. REVIEW COMMENTS
<b>A.</b>	OFMB Fiscal and /or Contract Dev. and Control Comments:  OFMB  OFM
в.	Legal Sufficiency:
C.	Assistant County Attorney  Other Department Review:
	Department Director

# (Continued from Page 1)

### **Background and Justification:**

The Grassy Flats Restoration Project is situated immediately west of the Par 3 Golf Course in Palm Beach. The Town of Palm Beach Town Council considered and approved the project on August 14, 2012. The project consists of the capping of approximately 30,000 cubic yards of muck sediments to prevent their migration into the Intracoastal Waterway (ICW) and to restore 22 acres of estuarine habitat. The muck sediments will be capped with a thin layer of sand to restore 10.5 acres of seagrass within the project area and enhance 9.3 acres of adjacent seagrass through water quality improvements. Two small islands will also be created to provide 1.7 acres of intertidal habitat and 0.6 acres of oyster/artificial reef habitat. A shallow-water channel will be marked with navigational aids to facilitate boating and fishing opportunities for the public.

The Juno Dunes Natural Area Shoreline Restoration Project includes the construction of limestone oyster reef breakwaters on submerged lands in and around Palm Beach County's Juno Dunes Natural Area. The project area is located on the western portion of the natural area along the ICW. The project will stabilize 2,400 ft. of shoreline habitat from erosive wave activity caused by boat wakes and eventual migration of the eroded material into the ICW channel.

The Highland Beach Mangrove Shoreline Restoration Project includes the construction of limestone oyster reef breakwaters on submerged lands around two mangrove preserves in Highland Beach. The project will stabilize 1,700 ft. of shoreline habitat from erosive wave activity caused by boat wakes and eventual migration of the eroded material into the ICW channel.

The submerged portions of the oyster reef breakwaters at both project sites will provide essential habitat for estuarine fish and invertebrates and serve as substrate for oysters, which provides the added benefit of improved water quality. The proposed projects will reduce long-term maintenance costs associated with dredging in the ICW by stabilizing shoreline sediment adjacent to the channel.