

**Lee County Board Of County Commissioners
Agenda Item Summary**

Blue Sheet No. 20030985

1. REQUESTED MOTION:

ACTION REQUESTED: Approve Resolution requesting funding from the West Coast Inland Navigation District's (WCIND) Lee County Countywide Navigation Improvement Fund (CNIF) for the Town of Fort Myers Beach in the amount of \$306,500 to construct the Matanzas Harbor Mooring Field. Approve Budget Amendment Resolution for FY 03-04 in the amount of \$306,500.

WHY ACTION IS NECESSARY: Additional funds are available from WCIND subject to a resolution from the County.

WHAT ACTION ACCOMPLISHES: Approves a request for funding to WCIND for the mooring field project.

2. DEPARTMENTAL CATEGORY: 08 **3. MEETING DATE:** 09-09-2003
COMMISSION DISTRICT #: C-W **CBA**

4. AGENDA:
 CONSENT
 ADMINISTRATIVE
 APPEALS
 PUBLIC
 WALK ON
TIME REQUIRED:

5. REQUIREMENT/PURPOSE:
(Specify)
 STATUTE
 ORDINANCE
 ADMIN. CODE
 OTHER
 Grant requirement

6. REQUESTOR OF INFORMATION:
A. COMMISSIONER
B. DEPARTMENT Public Works
C. DIVISION Natural Resources
BY: Roland Ottolini, Division Director

7. BACKGROUND: On August 16, 2003 County staff received a request from the Town of Fort Myers Beach for funding from WCIND in the amount of \$306,500 to construct the Matanzas Harbor Mooring Field. The Town has obtained the permits necessary to construct and manage a mooring field for vessels in Matanzas Harbor. The mooring field will have 70 moorings and will allow the Town to gain some measure of control over the mooring field that currently is established in the Harbor. Funding will be for the removal of existing derelict vessels, mooring buoys and rigging, various signage, environmental protection, water quality and construction safeguards, construction surveys and administration, and 2 vessels, one sewage pump-out vessel and one vessel for the Harbormaster. The Town expects to begin construction in November 2003 and be complete by February 2004. The Waterway Advisory Committee supports funding the project through Lee County BIP funds. County staff recommends funding through WCIND CNIF to avoid jeopardizing other projects currently funded through BIP funding. Project complies with Lee Comprehensive Plan Policy 62.2.5 – Public/Private cooperation on Matanzas Harbor Plan, as well as Objective 94.6 – Matanzas Harbor Plan, where several of the policies are implemented by this action.

Attachments- Funding Application from Fort Myers Beach.
Resolution

8. MANAGEMENT RECOMMENDATIONS:

9. RECOMMENDED APPROVAL:

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services Risk	G County Manager
<i>J. J. J.</i> 8-26-03				<i>[Signature]</i> 8/26/03	OA <i>[Signature]</i> 8/28/03 OM <i>[Signature]</i> 8/28/03 Risk <i>[Signature]</i> 8/28/03 GC <i>[Signature]</i> 8/28/03	<i>J. J. J.</i> 8-26-03

10. COMMISSION ACTION:

- _____ APPROVED
- _____ DENIED
- _____ DEFERRED
- _____ OTHER

Rec. by CoAtty
 Date: 8/26/03
 Time: 9:20 AM
 Forwarded To:
 Co. Adm. 8/26/03 11:30 AM

RECEIVED BY
 COUNTY ADMIN: *[Signature]*
 8/28/03
 COUNTY ADMIN
 FORWARDED TO: *[Signature]*
 8/28/03
 10:00 AM

RESOLUTION

Amending the Budget of Capital Improvements-Fund 30100 to incorporate the unanticipated receipts into Estimated Revenues and Appropriations for the fiscal year 2003-2004.

WHEREAS, in compliance with the Florida Statutes 129.06(2), it is the desire of the Board of County Commissioners of Lee County, Florida, to amend the Capital Improvements-Fund 30100 budget for \$306,500 of the unanticipated revenue from the Florida Recreation Development Assistance Program (FDRAP) and an appropriation of a like amount for construction costs and;

WHEREAS, the Capital Improvements-Fund 30100 budget shall be amended to include the following amounts which were previously not included.

ESTIMATED REVENUES

Prior Total:		\$122,392,431
Additions		
20309230100.337300.9003	WCIND	306,500
Amended Total Estimated Revenues		\$122,698,931

APPROPRIATIONS

Prior Total:		\$122,392,431
Additions		
20309230100.503490	Other Contracted Services	306,500
Amended Total Appropriations		\$122,698,931

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Lee County, Florida, that the Capital Improvements-Fund 30100 budget is hereby amended to show the above additions to its Estimated Revenue and Appropriation accounts.

Duly voted upon and adopted in Chambers at a regular Public Hearing by the Board of County Commissioners on this ____ day of _____, 2003.

ATTEST:
CHARLIE GREEN, EX-OFFICIO CLERK

BOARD OF COUNTY COMMISSIONERS
LEE COUNTY, FLORIDA

BY: _____
DEPUTY CLERK

CHAIRMAN

APPROVED AS TO FORM

OFFICE OF COUNTY ATTORNEY

DOC TYPE YA
LEDGER TYPE BA

RESOLUTION NO. _____

A RESOLUTION BY THE LEE COUNTY BOARD OF COUNTY COMMISSIONERS REQUESTING THE WEST COAST INLAND NAVIGATION DISTRICT (WCIND) AWARD \$306,500 FROM THE COUNTYWIDE NAVIGATION IMPROVEMENT FUND FOR THE TOWN OF FORT MYERS BEACH PROJECT, MATANZAS HARBOR MOORING FIELD

WHEREAS, Lee County has documented support for the Matanzas Harbor Plan in the Lee County Comprehensive Plan,

WHEREAS, the Town of Fort Myers Beach has obtained permits for the installation and maintenance of a mooring field in Matanzas Harbor,

WHEREAS, this mooring field will help improve the management of boats in Matanzas Harbor and improve the boating safety and ecological conditions within the Harbor,

WHEREAS, Lee County has unobligated funds in the Countywide Navigation Improvement Fund, and

NOW, THEREFORE, BE IT RESOLVED BY THE COUNTY OF LEE OF THE STATE OF FLORIDA THAT:

Section 1. The County of Lee respectfully requests \$306,500 from the WCIND Countywide Navigation Improvement Fund.

Section 2. The Division of Natural Resources is hereby authorized to submit funding applications or other information that may be needed to implement this request.

Section 3. The Chairman of the Lee County Board of County Commissioners is hereby authorized to execute and submit any project funding agreements pertaining to this request.

Passed by the Board of County Commissioners of Lee County, Florida, this _____ day of _____, 2003 by a vote of _____ to _____; the motion was made by _____, seconded by _____ and upon being put to a vote, the vote was as follows:

BOB JANES _____
DOUGLAS ST. CERNY _____
RAY JUDAH _____
ANDREW W. COY _____
JOHN E. ALBION _____

ATTEST:
CHARLIE GREEN, CLERK

BOARD OF COUNTY COMMISSIONERS
LEE COUNTY,

BY: _____
DEPUTY CLERK

CHAIRMAN

APPROVED AS TO FORM

BY: _____
ASST. COUNTY ATTORNEY

Lee County Natural Resources Division / WCIND Waterway Development Program
Proposal Form for Sub-grantees

1. Applicant: Town of Fort Myers Beach Date: August 14, 2003
Project Manager: Marsha Segal-George E-mail: marsha@fmbeach.org
Phone: (239) 765-0202 Fax: (239) 765-0909
FEID#: 65-0632342
Address: 2523 Estero Blvd, Fort Myers Beach, FL 33931

LEE COUNTY DIV. OF
NATURAL RESOURCES

2. Project Title: Matanzas Harbor Mooring Fields

AUG 19 2003

RECEIVED

3. Category: Navigation Improvement Environmental Education _____
(check one) Boating Safety _____ Recreation _____ Law Enforcement _____

4. Description & Public Benefits (attach sheets if necessary): _____

Please see attached Project Description and Public Benefits

5. Permits Required and Status: DEP and USACE Permits Issued

6. Estimated Start Date: 11/1/03 Estimated Completion Date: 2/1/04
(May not be prior to October 1)

7. Estimated Total Project Cost: \$450,500 Grant Funds Requested: \$306,500
Identify Matching Funds, if Applicable: \$144,000

Please see attached Project Costs

Complete Estimated Budget Summary on Reverse Side or Separate Attachment.
Please see attached Project Costs

8. I hereby certify that the information provided herein is true and accurate.

Signature:  Date: 8-14-03

Printed: Marsha Segal-George Title: Town Manager

**PUBLIC BENEFITS
MATANZAS HARBOR MOORING FIELDS
WCIND REQUEST FOR FUNDING
AUGUST 14, 2003**

INTRODUCTION

The Town of Fort Myers Beach has just successfully permitted the implementation of the Matanzas Harbor Management Plan. Matanzas Harbor, a Class III Water, is located east of State Road 865 in Ft. Myers Beach, Lee County, Florida. The Town proposes to install two (2) managed mooring fields consisting of 70 moorings total in the Harbor. The goal of the project is to gain control over a presently uncontrolled mooring situation. Currently, over 70 vessels are mooring unchecked in the Harbor including over and in the submerged resources such as sea grass beds.

MOORING FIELD DESCRIPTIONS

The west mooring field, 17 acres, is proposed for 36 moorings for vessels ranging in size from 29 to 58 feet. The east mooring field, 15 acres, is proposed for 34 moorings for vessels ranging in size from 29 to 58 feet. The fields have been sited in the deepest parts of the Harbor (greater than -6 MLLW) and at least 100 feet from the near bottom edge of the adjacent Ft. Myers Beach Harbor Federal Channel. The mooring systems will be comprised of SS175 Helical Screw Anchors, anchor chain, and mooring buoys. Mooring field signs and secondary access channel markers are also proposed.

NAVIGATION IMPROVEMENTS

Navigation through the Harbor shall be greatly improved by defining navigation patterns through this sensitive system adjacent to the Aquatic Preserve via the placement of moored vessels in prescribed locations, marking secondary fairway channels that provide a direct route from one side of the Harbor to the other for smaller recreational vessels, clearing derelict and abandoned vessels thus removing these hazardous obstructions, installing quality moorings thus eliminating vessels from breaking free of their moorings during storms and ending up scattered around the waterway or crashing into adjacent upland seawalls or docks, and assisting in keeping the federally marked channel free of improperly moored vessels.

PUBLIC BENEFITS

In addition to the navigation improvements, the public benefits include providing safe and enjoyable mooring for the public on a first come first serve basis, cleaning up the Harbor through elimination of discharges, providing boater education with respect to fuel spills/resource protection/manatee protection, providing on site emergency response, leasing the sea grass bed area to afford recreational use (e.g. fishing) while eliminating the indiscriminate moorings, and offering cost savings to the County and State by eliminating future derelict vessel removal costs.

NATURAL RESOURCE PROTECTION PLAN

Sea Grass Beds

Currently, vessels are anchoring unchecked in the Harbor including over and in existing sea grass beds. Or, they are anchoring adjacent to them and their anchors drag across the sea grass beds. The mooring field proposal sites the vessels in the deepest parts of the Harbor, away from the resources, and to avoid navigation impacts. Further, mooring outside of the approved mooring field limits will be prohibited. Signs shall be installed to warn boaters of the sea grass beds. A buffer on the order of 50 to 130 feet is provided between the vessels and the beds. The smaller vessels (less than 40 feet) were sited closest to the beds, as they require smaller maneuvering areas compared to the larger vessels.

Manatees

The established manatee protection zone in Matanzas Harbor is Idle Speed, No Wake. Aerial photographs and ground truthing reveal that 70 plus vessels moor within Matanzas Harbor. The Town is proposing no new vessels; rather, they are proposing to manage the vessels currently using the Harbor. By marking the deepest parts of the Harbor for the fields, the vessels will be located away from the shallows and grass beds frequented by manatees. Protecting the sea grass beds is beneficial to manatees, which use them for feeding grounds.

Water Quality

By marking the deepest parts of the Harbor as well as deep secondary access channels, we are reducing the likelihood of prop dredging, which protects water quality. The proposed mooring system consists of screw anchors, which reduce turbidity during construction versus jetting or other techniques.

UPLAND FACILITIES

The Town is proposing to use an existing permitted marina facility to provided the following services to the vessels using the mooring field: fuel, sewage pump-out, laundry, dinghy docks, showers, bathrooms, potable water, dock master, customs check in, trash disposal, and ship store. By taking advantage of nearby existing facilities, the Town is saving several hundred thousand dollars. Further, publicly owned waterfront property is scarce and what little there is, is conditioned upon a D.O.T. right-of-way and bridge abutments making it near impossible to construct new suitable upland facilities.

MANAGEMENT AGREEMENTS

This project has evolved into a partnership among state, government, local government, and private enterprise. The Town has developed and permitted a management agreement

MATANZAS HARBOR MOORING FIELDS: PUBLIC BENEFITS

August 14, 2003

Page 3

and supportive local ordinance. The agreement will serve as the mechanism for the harbormaster and Town to manage the moorings, protect natural resources, prevent future derelict vessels in the Harbor, and provide vessels with safe harborage. Further, the agreement includes details on mooring field operations, harbormaster duties, upland facility amenities, check in procedures, mooring rates, and enforcement activities.

CONCLUSION

Through the state, local, and private business partnership, the Town hopes to implement a management plan for safe and enjoyable mooring in Matanzas Harbor. The Opinion of Cost for the project is \$450,500, with a request for funding of \$306,500 and matching funds of \$144,000. The project is scheduled to be constructed winter 2003-04.

**PROJECT COSTS
MATANZAS HARBOR MOORING FIELDS
WCIND REQUEST FOR FUNDING
AUGUST 14, 2003**

Project Element	Quantity	Grant Request	Matching Funds
Design and Permitting			
Planning Study			\$30,000
Final Design/Permitting			\$100,000
Construction			
Derelict/Abandoned Vessels	T.B.D.	\$75,000	
Moorings	70	\$98,000	
Signage	14	\$19,500	
Environmental Protection, Water Quality and Construction Safeguards	1	\$19,000	
Harbormaster Sewage Pump-Out Improvements	1	\$0	\$14,000
Construction Administration	1	\$11,000	
Construction Surveys	1	\$14,000	
Operations			
Sewage Pump-Out Vessel	1	\$40,000	
Harbormaster Vessel	1	\$30,000	
Total		\$306,500	\$144,000