

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: December 4, 2012

Consent
 Ordinance

Regular
 Public Hearing

Department: Parks and Recreation

Submitted By: Parks and Recreation Department

Submitted For: Parks and Recreation Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to: **A) ratify** the signature of the Chair on a Florida Coastal Partnership Initiative (FCPI) grant application submitted to the State of Florida Department of Environmental Protection (FDEP) on October 30, 2012, requesting \$30,000 for the Jupiter Beach Park Restoration/Enhancement project; **B) authorize** the County Administrator or his designee to execute the grant funding Agreement and all future time extensions, task assignments, certifications, standard forms, or amendments to the Agreement that do not change the scope of work or terms and conditions of the Agreement if the grant is approved; and **C) authorize** the Director of the Parks and Recreation Department to serve as Liaison Agent with FDEP for this project.

Summary: This grant application requests \$30,000 from FCPI for the Jupiter Beach Park Restoration/Enhancement project. The grant elements include clearing exotic vegetation, planting native vegetation to both stabilize the dune and provide shade along the new picnic areas and pathways, installing picnic facilities and a bike rack, and constructing concrete sidewalks and asphalt pathways to create interconnectivity. The FCPI makes federal funds from the National Oceanic and Atmospheric Administration (NOAA) available to local governments for the protection and effective management of Florida's coastal resources. The total project cost identified in this grant application is \$60,000. The requested grant is for \$30,000, and requires a \$30,000 (50%) match, which will be funded from the 2002 \$50 Million Recreational and Cultural Facilities General Obligation Bond Issue. The \$30,000 match will come from the \$150,000 allocation for the Jupiter Beach Enhancement project to reconfigure the dune, improve the access structure, and add a concrete barrier between the dune and parking lot. District 1 (AH)

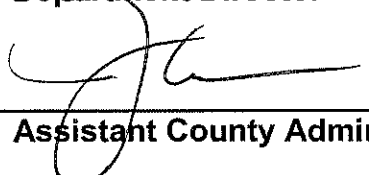
Background and Justification: Jupiter Beach Park is a 46.49 acre oceanfront park located in northern Palm Beach County on the south side of the Jupiter Inlet. This park is located directly east of the 18.69 acre DuBois Park. These two parks function as a single property separated only by a tidal creek, and are among the most popular parks in the County with almost one million visitors annually. The proposed grant project includes planting native vegetation along the dune in order to reduce erosion by wind and waves, installation of over 1,400 linear feet of new concrete sidewalks and asphalt pathways to create interconnectivity, installation of new ADA compliant picnic tables, removal of exotic vegetation, and planting native trees to provide shade along the new pathways and picnic areas. If the grant is awarded, construction is required to be completed between July 2013 and June 2014.

FCPI grants are administered by FDEP, and the State's deadline for submitting this application did not allow for prior approval by the Board. In order to meet the grant application submission deadline, Commissioner Shelley Vana, Chair, signed the application on behalf of the Board, as authorized by PPM CW-F-003 Policy B.3. The PPM requires that the grant be presented to the Board for approval at the next available Board meeting after signature by the Board Chairperson.

Attachment: Grant Application

Recommended by: 
Department Director

11/5/12
Date

Approved by: 
Assistant County Administrator

11/27/12
Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2013	2014	2015	2016	2017
Capital Expenditures	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Operating Costs	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
External Revenues	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Program Income (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
In-Kind Match (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
NET FISCAL IMPACT	*	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

Is Item Included in Current Budget? Yes _____ No _____
 Budget Account No.: Fund _____ Department _____ Unit _____
 Object _____ Program _____

B. Recommended Sources of Funds/Summary of Fiscal Impact:

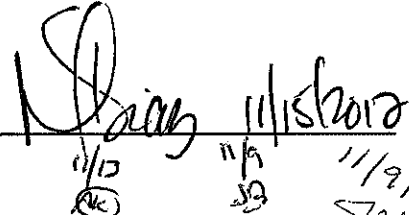
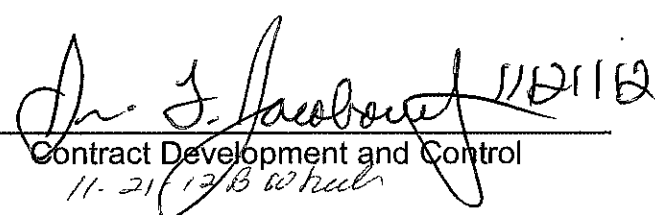
* There is no fiscal impact at this time. Should the grant be awarded, a budget amendment will be brought before the Board for approval and the respective funding sources would be as follows:

Florida Coastal Partnership Initiative Grant	3600-581-P764	\$30,000
Recreational and Cultural Bond	3020-581-P764	\$30,000
Total Grant Project Cost		<u>\$60,000</u>

C. Departmental Fiscal Review: 

III. REVIEW COMMENTS

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

OFMB  11/13/12
 Contract Development and Control  11-21-12
 (11/13/12) (11/9/12) (11/21/12) (12/1/12)

B. Legal Sufficiency:

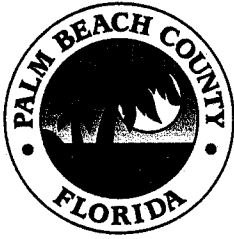
Anne Delgant 11-26-12
 Assistant County Attorney

C. Other Department Review:

 Department Director

REVISED 10/95
 ADM FORM 01

This summary is not to be used as a basis for payment



October 29, 2012

**Parks and Recreation
Department**

2700 6th Avenue South
Lake Worth, FL 33461
(561) 966-6600
Fax: (561) 963-6734
www.pbcparcs.com

Ms. Dornecia Allen, Grant Specialist 5
Department of Environmental Protection
Florida Coastal Management Program, MS 47
3900 Commonwealth Boulevard,
Tallahassee, FL 32399-3000

RE: Coastal Partnership Initiative FY 2013-2014 grant application

Dear Ms. Allen:

Attached is one original signed application, four copies of the application, and one copy on CD of the FY 2013-2014 CPI grant application for the Jupiter Beach Park Restoration/Enhancement Project. This application requests \$30,000 in funding assistance for this project, which will be matched with \$30,000 in County funds.

Jupiter Beach Park is located in northern Palm Beach County. The park is bounded on the east by the Atlantic Ocean, on the north by the Jupiter Inlet, on the west by DuBois Park and on the south by high density residential. Jupiter Beach Park is among the most popular coastal parks in Palm Beach County.

The project elements include installation of native vegetation along the dune for stabilization, installation of ADA compliant picnic facilities, over 1,400 linear feet of asphalt and concrete walkways, exotic vegetation removal and replanting with native species, and bicycle racks.

Thank you for this opportunity to apply for CPI funding and for your help in processing this application. Please to call Jean Matthews, Senior Planner at 561-966-6652 if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Call".

Eric Call, Director
Palm Beach County Parks and Recreation Department

Attachments

**Palm Beach County
Board of County
Commissioners**

Shelley Vana, Chair

Steven L. Abrams, Vice Chairman

Karen T. Marcus

Paulette Burdick

Burt Aaronson

Jess R. Santamaria

Priscilla A. Taylor

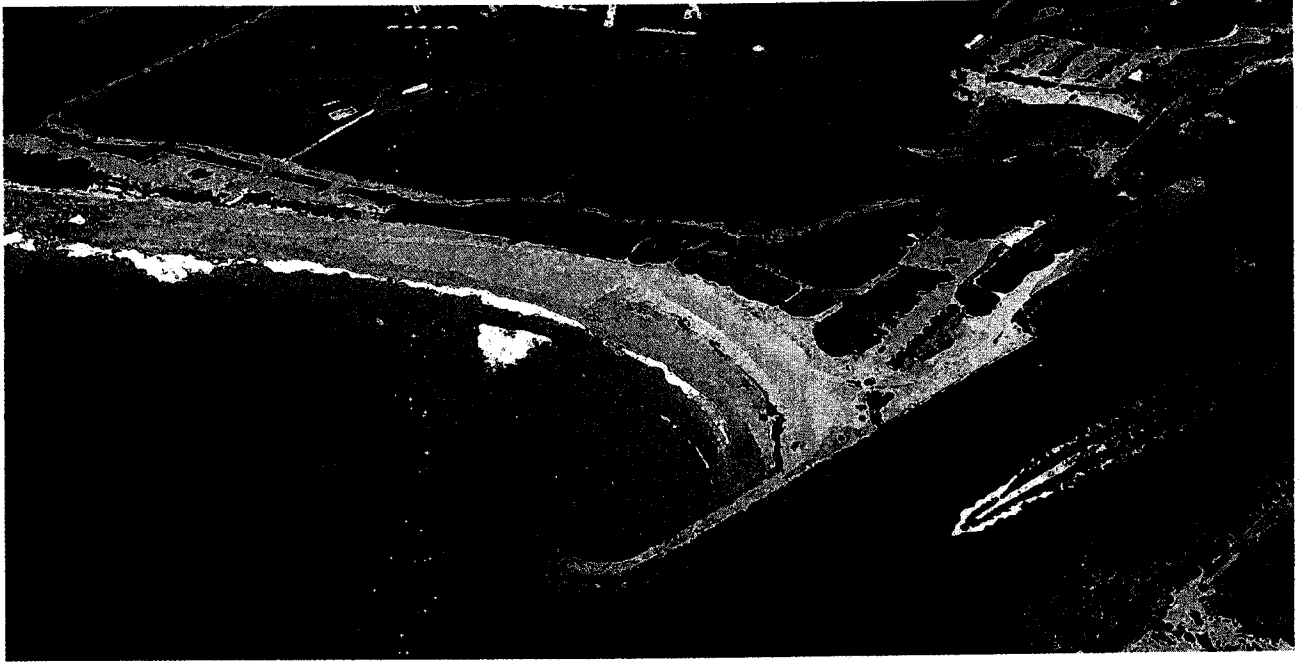
County Administrator

Robert Weisman

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Affirmative Action Employer"*

printed on recycled paper

Coastal Partnership Initiative 2012-2013



Providing Access to Coastal Resources at Jupiter Beach Park



Prepared by: Palm Beach County
Parks & Recreation Department
2700 6th Avenue South
Lake Worth, Florida 33461



A. TITLE PAGE

Project Title: Jupiter Beach Park Restoration/Enhancement Project
CPI Initiative Priority Area(s): Access to Coastal Resources
Applicant Name and Name of Partner Entity (if applicable):
Palm Beach County

Official Contact Name: Jean Matthews
Title: Senior Planner PBC Parks & Recreation Department
Phone/Fax: 561-966-6652/561-963-6747
Email Address: jmatthew@pbcgov.org
Postal Address: 2700 6th Avenue South
Lake Worth, FL 33461
Applicant DUNS Number: 078470481

Proposed Project Manager Name: Tim Granowitz, Principal Planner Email: tgranowi@pbcgov.org

Certification Statement

- “By signing this title page, the undersigned certifies that:
- a. This application is in all respects fair and submitted in good faith without collusion or fraud;
 - b. If selected through this application process, the recipient will work in good faith and in partnership with the Florida Coastal Management Program to manage its subgrant in a timely and accurate manner;
 - c. Any funds awarded as a result of this application process will not be used to supplant or replace any state or local funds;
 - d. Any funds awarded as a result of this application process will not be used as matching funds to apply for or receive other federal funds;
 - e. No federal funds will be used as match for funds awarded as a result of this application process;
 - f. The applicant local government’s adopted comprehensive plan has been found to be in compliance with Chapter 163, Part II, F.S.;
 - g. [If construction is proposed] The applicant has conducted preliminary consultation with appropriate federal, state, regional and local regulatory agencies regarding any construction proposed in the application and has documented the results of the consultation in the Project Description section of the Work Plan; **Mark Taynton, Engineering Specialist II, DEP (5/9/2012).**
 - h. [If construction projects, habitat restoration or invasive species removal are proposed] The property on which these activities will take place is owned or leased by the applicant or the applicant holds a sufficient easement; and
 - i. The undersigned has full authority to bind the applicant.”

Shelley Vana
Shelley Vana, Chair Palm Beach County Board of
County Commissioners

10-30-2012
Date

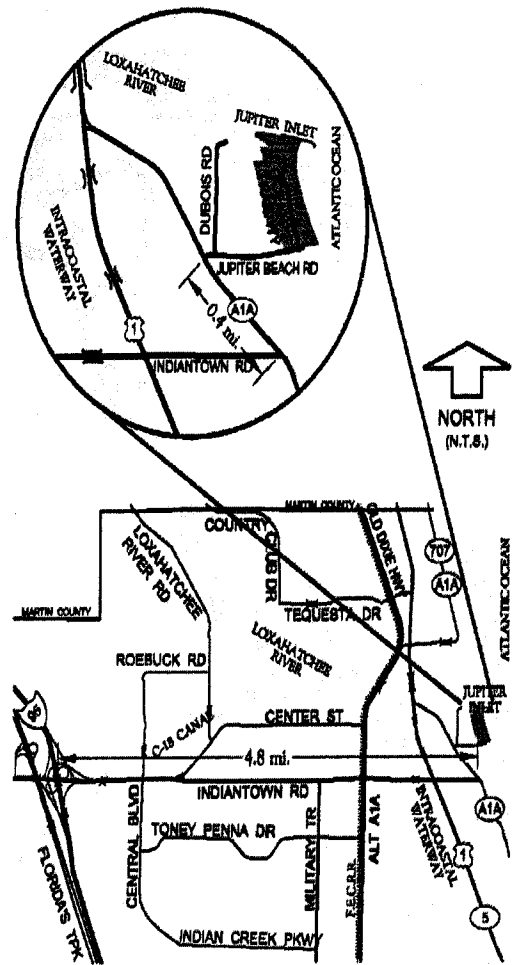
APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

Anne Dehad
COUNTY ATTORNEY

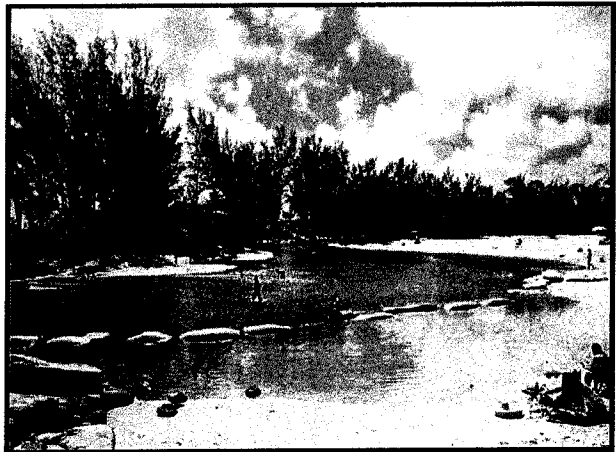
B. PROJECT LOCATION MAP

Include a project location map no larger than 8½" x 11".

(10 pts.)*



Recent photo of DuBois and Jupiter Beach Parks, DuBois is in the foreground and Jupiter Beach located on the Ocean and Jupiter Inlet are in the background. The parks are separated by a tidal creek.



Tidal creek that runs between Jupiter Beach and DuBois Parks

C. WORK PLAN (Expand text boxes as needed, keeping within the 10-page Work Plan limit)

This section describes the project and cannot exceed 10 single sided pages or 5 double sided pages. If letters of support or other materials are submitted to address the Work Plan components below, these items will count toward the maximum 10 pages of the application Work Plan; any additional pages or Appendices will be discarded and not considered in the evaluation of the application. The Title Page, Location Map, Budget and Budget Narrative do not count toward the 10-page limit of the Work Plan.

1. PROJECT DESCRIPTION.

a. Describe in detail the activity or work to be conducted; include project location information. (15 pts.)

Jupiter Beach Park is a 46.49 acre county owned oceanfront park located in northern Palm Beach County on the south side of the Jupiter Inlet. This park is located directly west of the 18.69 acre DuBois Park. These parks function as a single property separated only by a guarded tidal creek which is used for wading and swimming. These parks are among the most popular parks in the county with almost one million visitors annually. These parks feature over 1,800 linear feet of guarded beach along the Atlantic Ocean; a 300+ foot long jetty, located on the inlet, which serves as a fishing pier providing opportunities for salt water fishing along both the Jupiter Inlet and the Atlantic Ocean, a tidal creek, picnic facilities, restrooms, beach volleyball, playground, water taxi landing, 17 day-use docks, and the historic DuBois Pioneer Home. The parks are also home to a cannon and anchor recovered in July 1987 from the 1659 Spanish ship wreck San Miguel which sunk approximately 200 yards east of Jupiter Beach Park.

The project site is located in one of the most biologically diverse areas in the United States. The park is situated at the southern terminus of the Indian River Lagoon (a U.S. Environmental Protection Agency's National Estuary Project) and at the eastern terminus of the Loxahatchee River (a federally designated Wild and Scenic River), and is also located adjacent to the Jensen Beach and Jupiter Inlet Aquatic Preserve. In addition, this section of beach has among the highest number of sea turtle nests in the United States. It is vital that the dune and shoreline is preserved and protected from both erosion and light pollution from upland properties.

The existing parks provide public access to the Atlantic Ocean, Jupiter Inlet, and a guarded tidal creek. The goal of this project is to enhance public access to the waterfront, expand recreational facilities, and protect both the dune and surrounding upland habitat.

- Existing dune vegetation is not adequate to prevent erosion protection from the wind and waves, dunes will be planted with native salt tolerant species including sea oats, railroad vine, Seashore Paspalum and sea grape trees. Vegetation will help reduce light pollution from upland properties.
- Removal of invasive exotic vegetation from upland areas adjoining parking lots along proposed pathways and picnic areas, and to eradicate Australian pines and their seed source. 18 mature Australian pines will be removed as part of this project.
- Replant project area with native species, including Sabal palms, green buttonwood, sea grape trees, to create both tree canopy cover for shade as well as to create wildlife habitat for numerous listed and endangered species.
- Installation of ADA compliant concrete picnic tables to enhance the public's enjoyment of the site. Use of concrete tables ensures long term ease of maintenance and product longevity.
- Installation of bicycle racks.
- Construction of over 1,400 linear feet of new ADA compliant 6' wide concrete sidewalks, 8' wide asphalt pathways and associated crosswalks. These new facilities will provide interconnectivity between the parking lots, restrooms, picnic facilities, group shelter, beach access dune crossovers to the Jupiter Inlet. Installation of paths will encourage park patrons to stay in areas designed for public use and will reduce

pedestrian traffic along the dune and in mangrove fringe areas.

Mark Taynton with DEP issued environmental permit for the dune restoration and planting project on October 11, 2012. Meghan Koperski with FWC was also consulted.

b. Describe specific project objectives, tasks, and deliverables and related timelines for each. Objectives and tasks should clearly relate to the project description. (20 pts.)

This project will be completed using annual contractors with oversight by Palm Beach County Parks and Recreation Department staff. The final design and specifications will be completed prior to execution of the grant contract if grant funds are awarded. Environmental permits have been issued, therefore no unexpected delays are anticipated.

Objective	Task	Deliverables	Timeline
Stabilize beach dune and provide habitat.	Dune planting with native species.	Submit list of plant species and quantities. Photos of construction process and finished project.	Winter 2013 (after close of turtle season)
Eliminate seed sources and create open areas for habitat restoration.	Removal of exotic vegetation including 18 mature Australian pines.	Photos of construction process and finished project.	Summer & fall of 2013
Create habitat and a tree canopy for shade.	Installation of native vegetation.	Submit list of plant species and quantities. Photos of construction process and finished project.	Summer & fall of 2013
Interconnectivity of park facilities and preservation of natural areas.	Construction of over 1,400 linear feet of ADA accessible sidewalks and pathways.	Photos of construction process and finished project.	Summer – fall of 2013
Enhance public enjoyment of the site.	Installation of ADA compliant picnic facilities.	Photos of construction process and finished project.	Summer – fall of 2013
Encourage park patrons to use alternative means of transportation.	Installation of bicycle racks.	Photos of construction process and finished project.	Summer – fall of 2013

Prior to the commencement of this project, barricades will be installed on the backside of the dune between the dune and parking lot to reduce erosion and the loss of beach sand into the parking lot. (Barricades are not an element of the subject project)

2. PROJECT NEED AND BENEFIT.

a. Explain the demonstrated need, which the project addresses. (25 pts.)

The proposed project has three main objectives; 1) Enhance public access and enjoyment of coastal resources and natural areas; 2) Provide dune stabilization; and 3) Creation and protection of habitat.

Jupiter Beach Park is one of the most popular oceanfront parks in Palm Beach County. On sunny weekends and holidays the picnic tables are all occupied by 9:00 AM, leaving park patrons to setup in any space available, including in the park's natural areas. The addition of picnic facilities will be a welcome enhancement for park patrons.

In addition, the parking lot is often full by 8:30 – 9:00 AM and the construction of sidewalks and pathways will provide interconnectivity and encourage the public to use alternative methods of transportation to access

the park.

Jupiter Beach Park has limited tree canopy cover other than the Australian pines, creating a hot, bright environment for park patrons and wildlife. The removal of exotic vegetation and replanting with native vegetation will create both shade and habitat.

Historically Jupiter Beach Park has had severe beach erosion problems caused not only by the wind, waves and storm events, but also caused by the interruption in the littoral sand transport by the Jupiter Inlet. Dune preservation and reducing sand loss into the parking lot are important to the County. Planting the dunes with native salt tolerant plant species including Sea Oats, Railroad Vine, Beach Paspalum and sea grape trees, will not only reduce sand loss and create habitat, but will also will help reduce light pollution from upland properties.

b. Explain how the proposed project meets the purpose of at least one CPI priority area. (10 pts.)

The proposed project meets CPI priority - *Access to Coastal Resources*. The Jupiter Beach Park project will improve public access to the Atlantic Ocean while protecting fragile resources from overuse and damage. This project meets several of the objectives outlined in the CPI priority area including: a) creates waterfront park improvements; b) invasive exotic plant removal; and c) natural shoreline restoration.

c. Discuss the extent to which the project will improve the management and protection of coastal resources. (25 pts.)

This project will improve management and protection of coastal resources by addressing several items in NOAA's - National Ocean Services - Coastal Zoning Management Act mission statement "Coastal Zone Management involves managing coastal areas to balance environmental, economic, health and human activities".

- Protection and enhancement of habitat for benefit of humans and wildlife such as Eastern Indigo Snake, Florida Mouse, Piping Plover and Florida Scrub Lizard.
- Improving dune stability and sand loss by planting native salt tolerant vegetation.
- Dune planting will also raise the profile of the dune reducing light from upland sources, resulting in a reduction of turtle disorientation.
- Removing invasive exotic vegetation and thereby eliminating a seed source for Australian pines.
- Increasing tree canopy in parking and picnic area, creating shade and improving air quality.
- Increase resource-based outdoor recreation and promote tourism and eco-tourism.
- Constructing sidewalks and pathways to improve interconnectivity and access to coastal resources.

This project also satisfies the goals and objectives of Florida's Statewide Comprehensive Outdoor Recreation Plan (SCORP), and Palm Beach County's Comprehensive Plan.

d. Discuss how project is feasible and can be completed within one year. (10 Pts.)

The walkway/pathway, picnic tables, bike racks, exotic vegetation removal and planting of native trees will be completed using annual contacts with oversight by County Staff including Tim Granowitz, Manager of Park Planning and Development, Dave Farmer, Senior Environmental Analyst, and Dal Major, Construction Project Specialist. It will only take two or three months to complete these items and work can begin in the summer of 2013.

Planting the dune with native salt tolerant vegetation will not commence until after the 2013 turtle nesting season which ends in October. The planting project should take less than two months to complete.

BUDGET and BUDGET NARRATIVE**(15 Pts.)**

Type dollar amounts only in applicable categories (round to nearest dollar; no cents) and leave other categories blank. A recipient will be required to provide 100% (1:1) matching funds, cash or in-kind. No more than one-half (50%) of match can be provided by a third party.

<u>Budget Category</u>	<u>FCMP Funds</u>	<u>MATCH Funds</u>
1. Salaries	_____	_____
2. Fringe Benefits	_____	_____
2. Travel	_____	_____
3. Equipment	_____	_____
4. Supplies	_____	_____
5. Contractual Services	<u>\$30,000</u>	<u>\$30,000</u>
6. Other Expenses	_____	_____
7. Indirect Charges	_____	_____
FCMP Total	<u>\$30,000</u>	
Match Total		<u>\$30,000</u>
Total FCMP & Match Funds	<u>\$60,000</u>	

If budget exceeds the amount shown on the "Total" line above, indicate the total project cost: \$ _____

BUDGET NARRATIVE: Describe line items for each applicable budget category shown above. Provide sufficient detail to show cost relationship to project activities for both FCMP and match items.

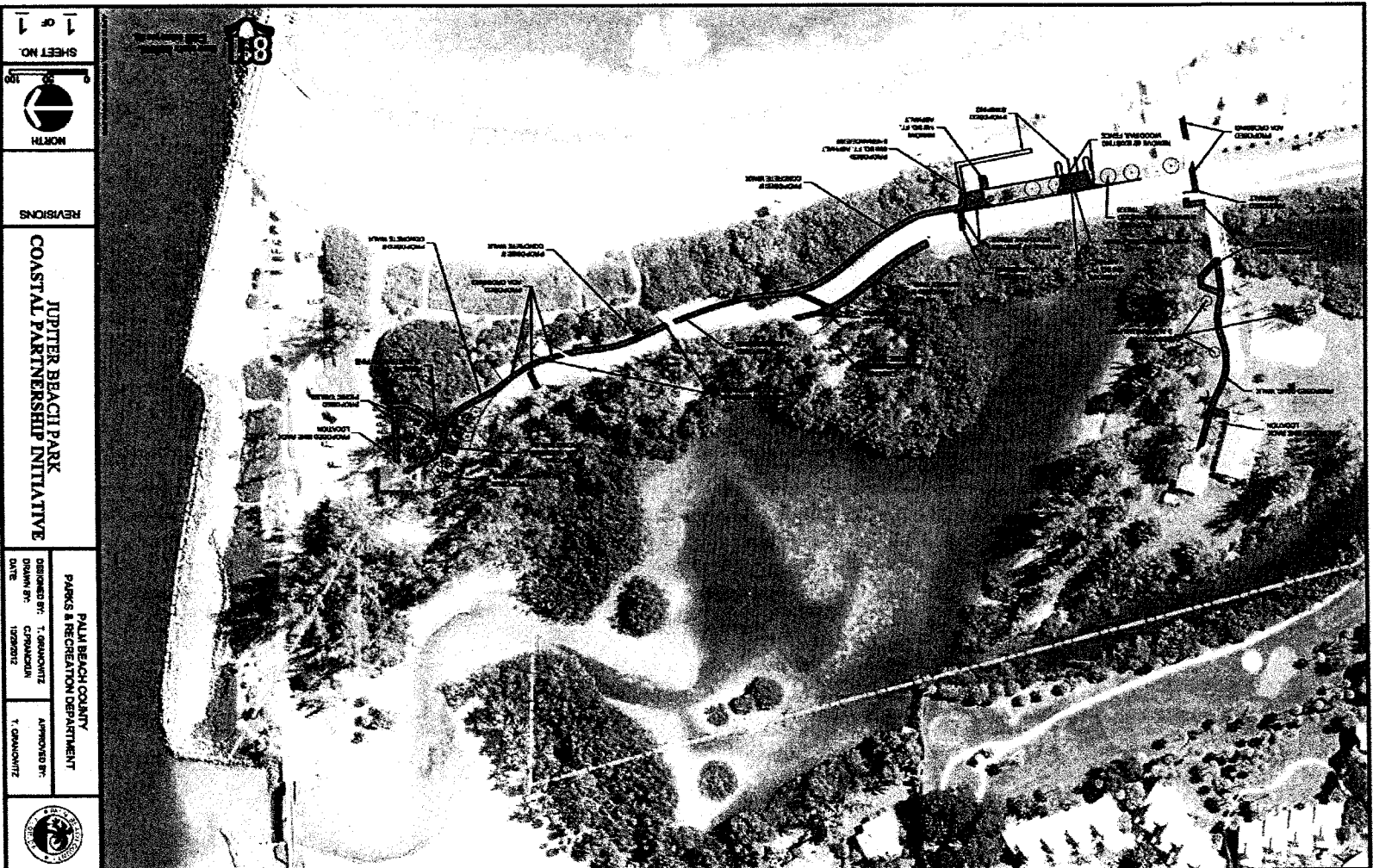
Total FCMP Funds Requested \$30,000

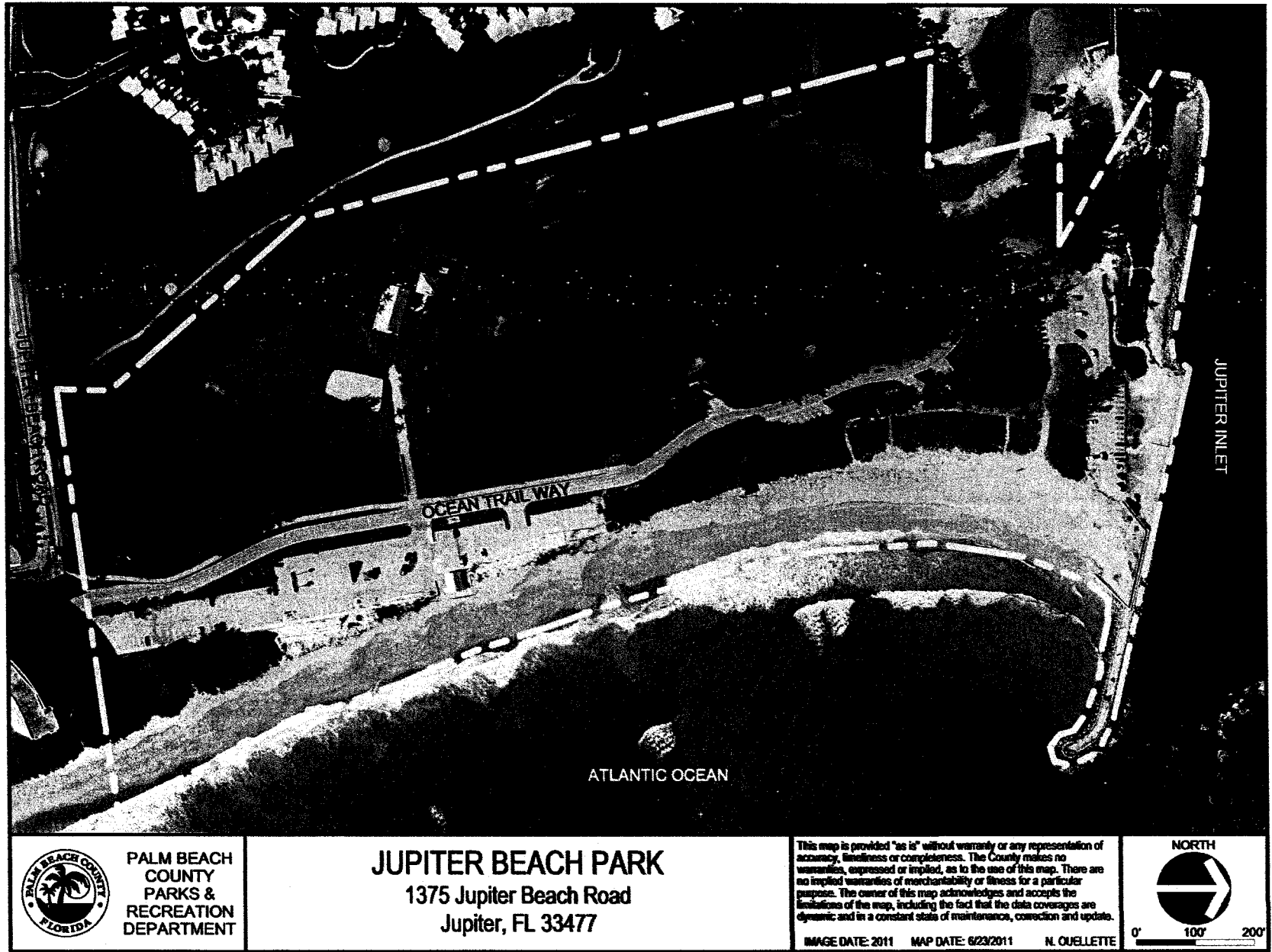
Contractual Services: \$30,000 – work will be completed using annual contacts.

Total Match Funds: \$30,000

Contractual Services: \$30,000 – work will be completed using annual contacts.

Tasks	Budget	
	CPI Funds	Matching Funds
Clear exotic vegetation including 18 Australian pines – lump sum	4,000	4,000
Plant native vegetation in project area - lump sum	3,000	3,000
Picnic facilities (6 tables @ \$1,233 each)	3,700	3,700
Construction of concrete sidewalks and asphalt pathways	17,800	17,800
Installation of a bike rack	500	500
Installation of native vegetation along the dune	1,000	1,000
TOTALS	\$30,000	\$30,000
	\$60,000	





PALM BEACH
COUNTY
PARKS &
RECREATION
DEPARTMENT

JUPITER BEACH PARK
1375 Jupiter Beach Road
Jupiter, FL 33477

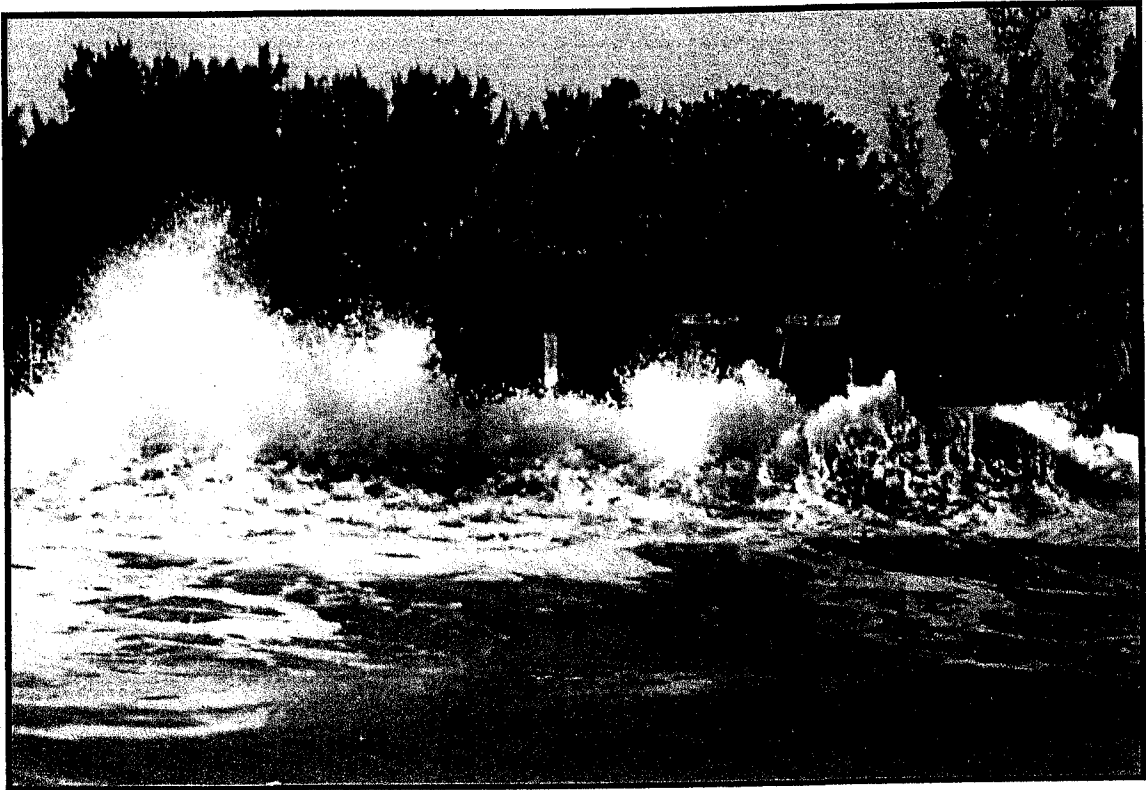
This map is provided "as is" without warranty or any representation of accuracy, timeliness or completeness. The County makes no warranties, expressed or implied, as to the use of this map. There are no implied warranties of merchantability or fitness for a particular purpose. The owner of this map acknowledges and accepts the limitations of the map, including the fact that the data coverages are dynamic and in a constant state of maintenance, correction and update.

IMAGE DATE: 2011 MAP DATE: 6/23/2011 N. OUELLETTE

NORTH



0' 100' 200'



Beach erosion caused a maintenance/life guard building to be swept into the ocean on Christmas day 1994.

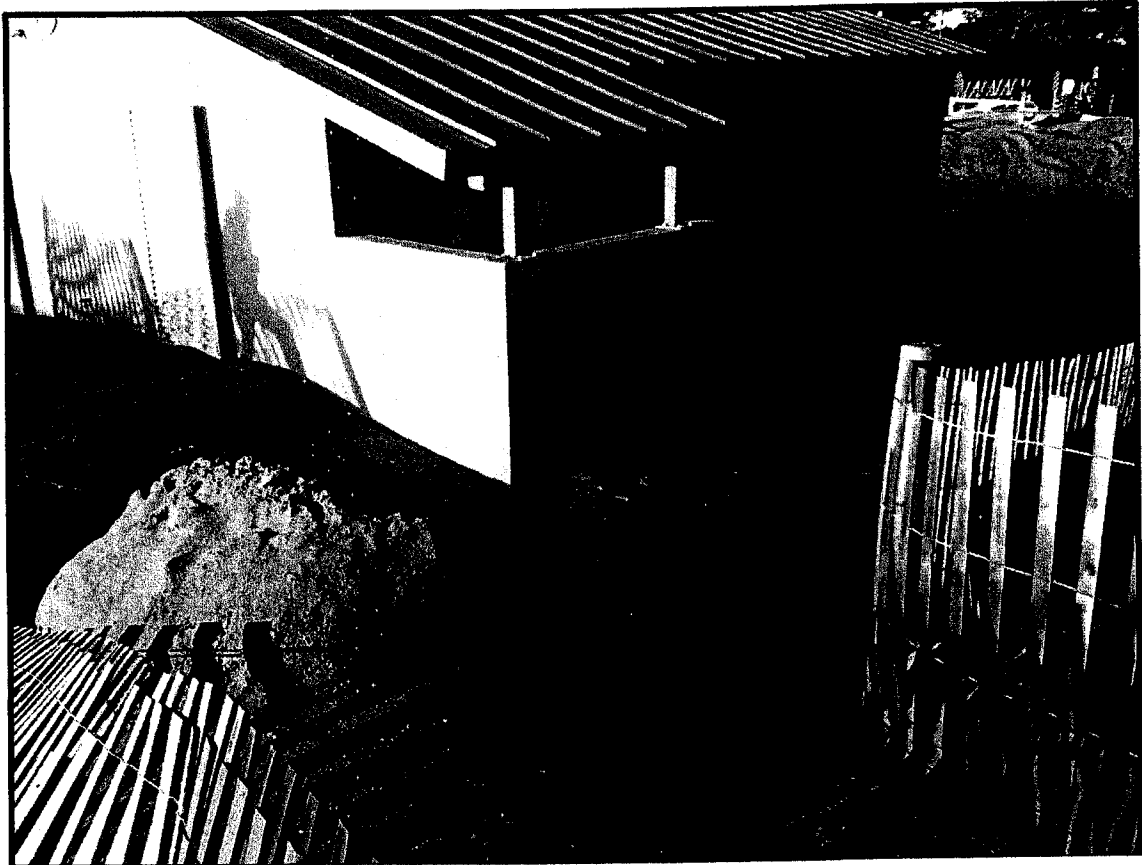
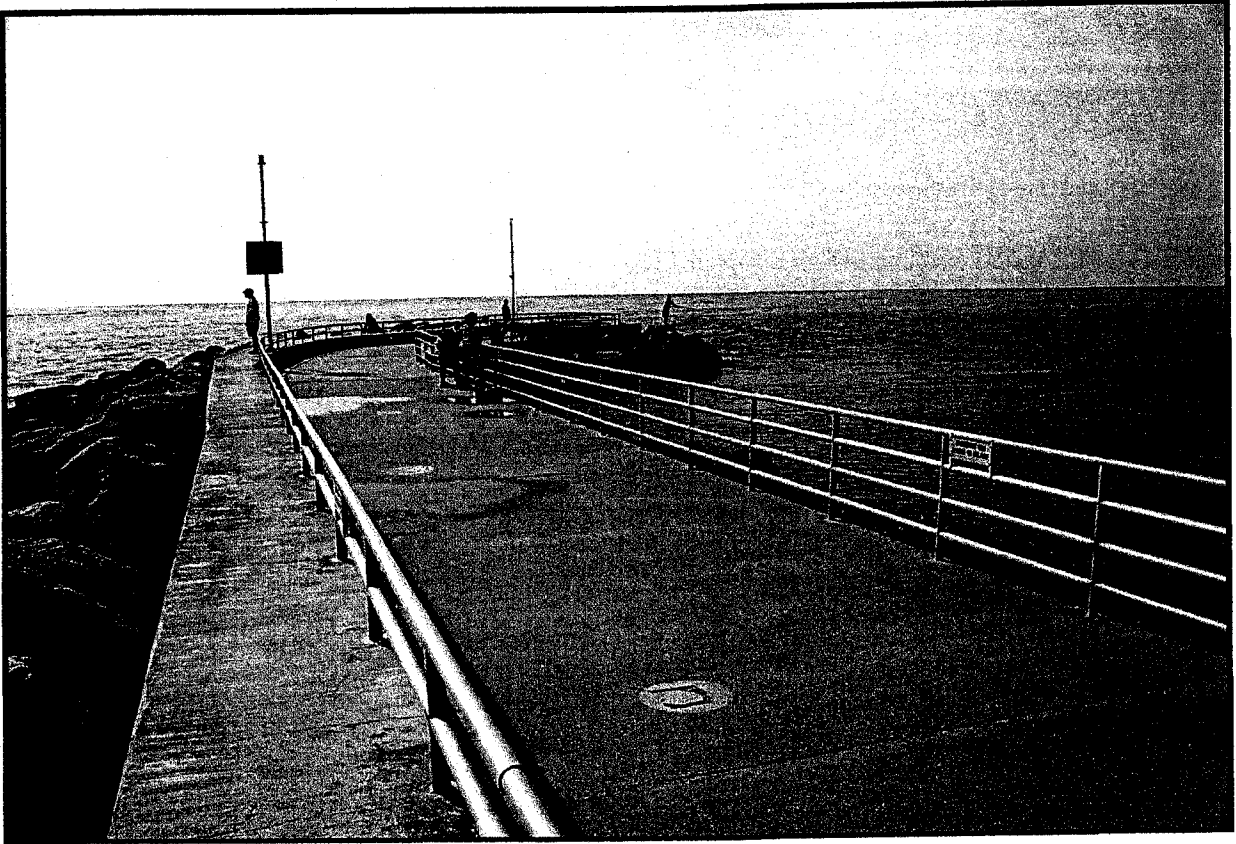
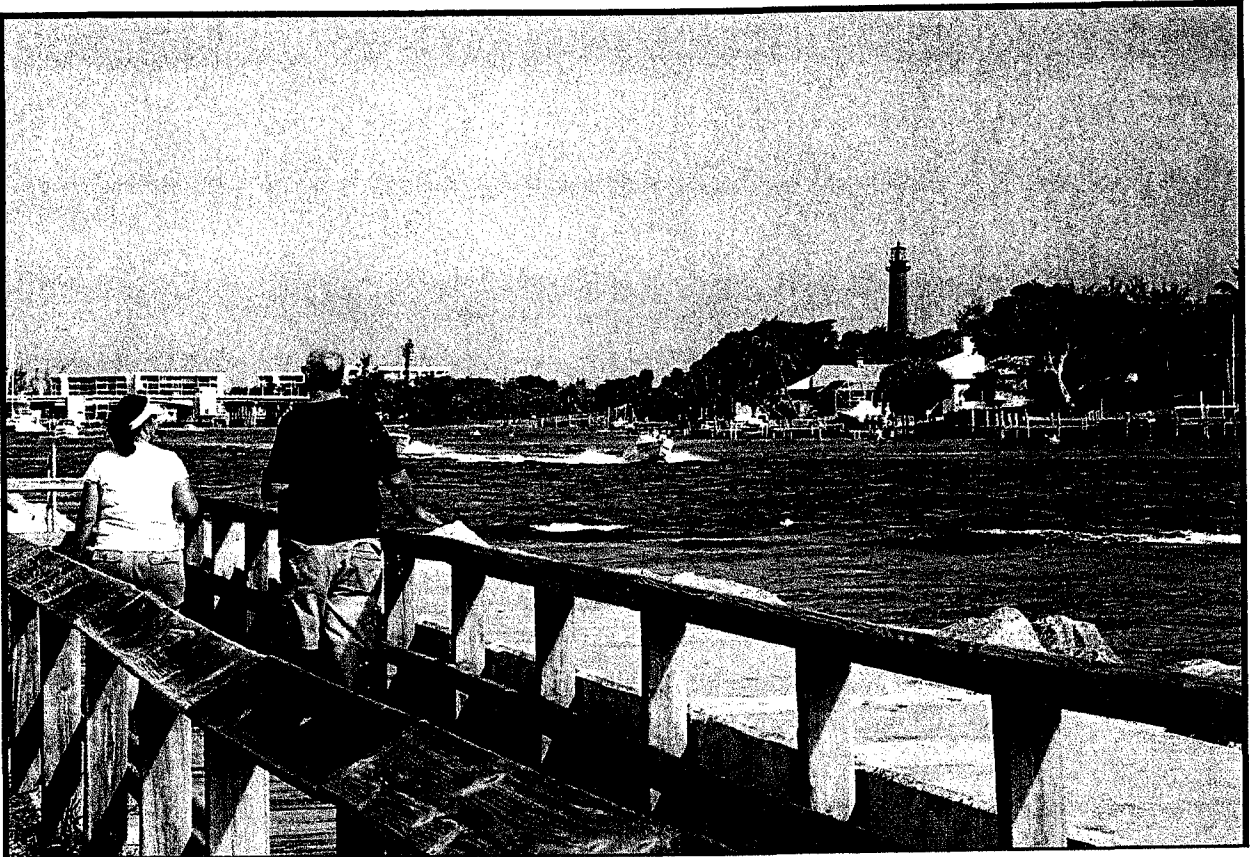


Photo taken October 30, 2012 - Beach erosion is a constant problem



Jupiter Beach jetty with Jupiter Inlet on the left side of the photos and Atlantic Ocean on the right



Jupiter Beach Park on a sunny day with the Historic Jupiter Lighthouse in the background



New ADA pathways will provide save access between parking, the restroom and picnic areas



New picnic area will feature ADA compliant concrete tables



Older photos taken prior to the 2004-2005 hurricanes, many of the Australian Pines were damaged and removed during and after the hurricanes.