



**INDIAN RIVER COUNTY, FLORIDA
INTEROFFICE MEMORANDUM**

**Assistant County Administrator /
Department of General Services**

Date: June 10, 2018

To: Jason E. Brown, County Administrator

Thru: Michael C. Zito, Assistant County Administrator

From: Beth Powell, Conservation Lands Manager

CC: Roland Deblois, Stan Boling

Subject: Conservation Lands Capital Projects and Grants Update to the BCC

Staff has been working on multiple capital projects related to conservation lands public access improvements in furtherance of the Capital Improvements Element of the County's Comprehensive Plan. In order to leverage these funds, staff has applied for multiple grants. Below is a summary of items by category (I) In Construction, (II) In Design, Permitting & Engineering, (III) Status of Future Projects Coming for Approval, and (IV) Other Updates/Projects/Grant Opportunities.

I. STATUS OF PROJECTS FUNDED & APPROVED – IN CONSTRUCTION

Conservation Area	Improvement	Status	Scheduled Construction	Grant Funding	County Funding (est. or actual)
Ansin Tract Conservation Area	Boardwalk	Contract Awarded Summerlin's Marine Construction SJRWMD/IRC Building Permit Issued	August 2018	N/A	\$29,282.40 Approved 3/20/18
Archie Smith Fish House	Dock Repair/Rebuild	Contract Awarded Indian River Docks	TBD	Florida Inland Navigation District \$90,900	\$96,025 Approved 6/19/18
Boat Club Island	Dock Repair/Rebuild (Hurricane Matthew)	Contractor Selected Summerlin's Marine Construction IRC Bldg Permit –	August 2018	N/A	\$25,240 Approved 5/8/18

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		in process			
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I. STATUS OF PROJECTS FUNDED & APPROVED – IN CONSTRUCTION (continued)

Conservation Area	Improvement	Status	Scheduled Construction	Grant Funding	County Funding (est. or actual)
Lost Tree Island/Earman Island	Dock Repair/Rebuild (Hurricane Irma)	Contract Awarded Summerlin's Marine Construction IRC Bldg Permit – in process	September 2018	N/A	\$16,400 Approved 5/8/18
Round Island South Conservation Area	Boardwalk	Contract Awarded Indian River Docks SIRMWD Permit Received IRC Bldg Permit - To be submitted by Contractor Alternate Upland Trail Mowing Complete	TBD Completed 7/9/18	N/A	\$34,094.85 Approved 5/1/18 \$3,900 Estimated \$5,000 est.
South Oslo Riverfront Conservation Area	Culvert Repair Boardwalks	Completed SIRMWD Permit Received IRC Bldg Permit - in process	Completed September 2018	N/A	\$1,351.20 materials \$42,237.50 Approved 4/17/18

II. STATUS OF PROJECTS FUNDED & APPROVED – IN DESIGN, PERMITTING & ENGINEERING

Conservation Area	Improvement	Status	Scheduled Construction	Grant Funding	County Funding (est. or actual)
Hallstrom Farmstead Conservation Area	Public Use Improvements – Design	MBV Engineering Design 35% Complete LWCF Application Submitted 3/26/18	February 2020 (contingent on funding) Grant Award Notification October 2018	N/A Land & Water* Conservation Fund Submitted \$148,500 LWCF \$297,000 Total	\$14,800 MBV Work Order Approved 5/9/17 \$148,500 est.

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Conservation Area	Improvement	Status	Scheduled Construction	Grant Funding	County Funding (est. or actual)
Kroegel Homestead Conservation Area	Public Use Improvements - Design	Soil Borings Completed 1/23/18 MBV Engineering Permit application Anticipate Submission 7/18/18 (Pre-app 6/4/18)	June 2019	N/A	\$750.00 \$22,800 MBV Work Order Approved 5/9/17
Oyster Bar Marsh Conservation Area	Public Access Improvements	Pre-App 11/29/17 TRC Review 4/26/18 – awaiting response from applicant (IRLT)	TBD	Florida Inland Navigation District \$140,850 Approved 5/1/18 & 5/16/17	IRLT to fund engineering, design, permitting & construction min. \$100,000/ IRC estimated cost \$140,850. (IRLT & IRC Agreement Approved 4/4/17)
Jones' Pier Conservation Area	Public Use Improvements – Design Fruit Stand Replacement	Contract Awarded MBV Engineering Engineering & Design Soil Borings Completed 1/23/18 HMGP Grant Application Submitted to Raise Main House DHR Grant for Fruit Stand Awaiting Scope of Work for Engineering & Architectural Design IRC Application Submitted For Public Use Improvements & Site Plan Approval 6/29/18 (Pre-App 6/4/18)	Complete Complete Awaiting Notification September 2018 January 2019 January 2019	 \$69,356 total \$52,017 Contingent upon grant award Awarded Awaiting Contract for BCC Approval \$33,000 total \$19,000 grant funded ▲ FIND Grant Public Use Improvements Pending Notification of Award Expected *	MBV Work Order Approved 5/9/17 \$28,250 \$2,400 \$17,339 \$14,000 ▲ Presented to BCC 5/2/17 \$214,000 County Match* BCC Authorization to Apply Approved 3/6/18

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	Archaeological Survey	Required for Environmental Resources Permit	Complete	Total Project: \$364,000 FIND: \$150,000	\$4,495
	Wetland	Contract MBV Engineering Wetland Conceptual Design			\$6,500 BCC Approved 1/23/18
		Contract Carter & Assoc. for Final Wetland Design & Permitting			\$36,800 Approved 5/8/18
		Wetland Construction	January 2019	Indian River Lagoon National Estuary Program Awarded for Construction (awaiting contract)* October 1, 2018 Total: \$220,155 Grant Award: \$61,000	\$142,455 Cash Est. \$16,700 In-Kind Est. Presented to BCC 3/6/18
	Repair Small Observation Dock	Quote Received Preparing Purchase Order	October 2018	N/A	\$1,800 Presented to BCC 3/6/18
	Repair Guest Cottage (Hurricane Matthew)	Staff Preparing Scope of Work for Repairs for bid documents	November 2018	FEMA Project Worksheet & Insurance	\$30,000 est BCC Approved 3/6/18 ♦

▲ Division of Historical Resources Grant Totals: \$27,550 grant funding, \$17,050 County cash match, \$10,500 County In-kind Total: 55,100 includes educational signs at 7 locations, fruit stand replacement (design, construction, architectural drawings, permitting), web app and educational brochure production.

*If awarded, subject to BCC approval.

♦ Contract subject to BCC Approval.

III. STATUS OF PROJECTS COMING FOR APPROVAL

Conservation Area	Improvement	Status	Scheduled Construction	Grant Funding	County Funding (est or actual)
Harmony Oaks Conservation Area	Boardwalk	RFP issued – no bids received – rebid October 2018 SJRWMD Permit Issued	TBD		\$35,000-40,000 estimated
Sebastian Harbor Preserve	Boundary Survey Completed & Phase I ESA	Complete			
	Trail System established	Complete	Complete		\$11,650
	Boardwalk & Trails	Staff preparing Permits & RFP for Boardwalks	January 2019	TBD	\$200,000-250,000 estimated
	Site Fencing, Parking & Stormwater	Staff meeting with City of Sebastian & will begin design (Contract Engineering)	January 2020	TBD	\$200,000-\$250,000
Wabasso Scrub Conservation Area	Culvert Repair	Completed Contract Southern Management	Completed		\$4,379
	Boardwalk	Permits and RFP to be prepared by Staff	January 2019	N/A	\$25,000-30,000 estimated

IV. OTHER UPDATES/PROJECTS

Oslo Riverfront Conservation Area Wildfire Mitigation	Complete a 60-150' firebreak on North property line adjacent to Forest Park Subdivision	September 2018 notification	January 2020	Hazard Mitigation Grant Program (Hurricane Matthew) Total Grant Budget \$65,000 Application Approved 6/6/17*	\$32,500* estimated
County-wide Wildfire Mitigation Project	Complete County-wide Wildfire Assessment &	County-wide Wildfire Mitigation Plan Completed	January 2019-January 2022	Hazard Mitigation Grant Program	\$38,150 ESA Contract to complete County-Wide

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	Complete Wildfire Mitigation	Awaiting notification of Grant Award September 2018 expected		(Hurricane Matthew) Total Grant Budget \$280,754* (Includes ESA contract & in-kind svcs.) Application Approved 6/6/17*	Wildfire Plan (reimbursable) Approved 1/23/18 \$70,188.50* Cash & In-kind
Multiple Projects	Architectural & Design Services' RFQ	Statement of Qualifications Received Pending Ranking by Staff	Contracts estimated to be in place by Oct-Nov 2018	N/A	\$0
National Fish & Wildlife Federation – National Coastal Resilience Fund Possible: Lost Tree Island Conservation Area	Provide engineering, design and permitting for the three large islands: Earman Island, Duck Head Island & Hog's Head Island – plan would incorporate public improvements with restoration design.	Application Deadline: August 9, 2018		Grant Request Proposed: \$150,000*	County Proposed Match: \$150,000*

*If awarded, subject to BCC approval.

ANALYSIS: NATIONAL FISH & WILDLIFE FEDERATION – NATIONAL RESILIENCE FUND

On July 7, 2018, staff was made aware of a federal funding opportunity through the National Oceanic & Atmospheric Administration (NOAA) that focuses on restoring, increasing and strengthening natural infrastructure to protect coastal communities while enhancing habitats for fish and wildlife. The National Coastal Resilience Fund will be investing \$30 million in the restoration or expansion of natural features such as wetlands, coastal marshes and barrier islands. The County received funding from the US Fish & Wildlife Service in 2009 to create a Master Restoration Plan for the Lost Tree Conservation Area outer islands. This plan was the preliminary step to outline possible restoration efforts, but did not include detailed design plans, scope of work, project schedule & budget, permitting requirements and possible funding sources for construction.

Due to the ecological complexity and multi-phased effort required for restoration, staff's approach would be to complete the formal project planning and design necessary to allow for a phased construction approach that will give the County maximum flexibility for implementation. This will include full design and permitting services, preparing preliminary bid documents and cost estimates which will allow the County to take advantage of grant funding opportunities for construction. It has been staff's experience that projects that are fully permitted are most competitive for funding. Potential funding sources for construction may include Indian River Lagoon National Estuary Program,

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Florida Inland Navigation District, Florida Department of Environmental Protection, St. Johns River Water Management District, Florida Fish & Wildlife Conservation Commission and other public agencies.

Staff's design approach for this grant application would include consideration for inclusion of oyster beds, shoreline and seagrass restoration, exotics removal, wetland creation, upland restoration, habitat for listed species, innovative water quality improvements and green technology.

RECOMMENDATION:

Staff requests the Board to review and discuss the projects presented herein. Additionally staff respectfully requests the Board to evaluate the National Fish & Wildlife Federation – National Resilience Fund Grant RFP and direct staff as to whether to proceed with the grant application for the Lost Tree Islands Conservation Area.

ATTACHMENT:

National Fish and Wildlife Federation – National Coastal Resilience Fund 2018 Request for Proposals