

The Florida Senate Local Funding Initiative Request Fiscal Year 2020-2021

LFIR # 1665

- 1. **Project Title** Fernandina Beach Dune Protection and Restoration Project: Closing the Gaps
- 2. Senate Sponsor Aaron Bean
- 3. Date of Request 12/07/2019

4. **Project/Program Description**

Fernandina Beach occupies the northern half of Amelia Island, a barrier island in the most northeastern part of Florida. A small town with less than 13,000 residents, Fernandina Beach's pristine beaches and other amenities attract hundreds of thousands of tourists each year. The construction of beach dune walkovers has long-term implications for the resiliency of Florida's coastal communities. The Florida Department of Environmental Protection "encourages the design of beach access, including beach and dune walkovers, to protect the dune topography and dune vegetation from pedestrian traffic and allow for the natural recovery of damaged or eroded beaches". The Fernandina Beach Dune Protection and Restoration Project will replace 9 beach walkthroughs (pedestrian trails that cut through sand dunes) with 9 beach walkovers (constructed bridges that overpass dunes) to close the City's remaining dune gaps and restore the dunes' ability to prevent coastal flooding in Fernandina Beach.

5. State Agency to receive requested funds

Department of Environmental Protection

State Agency contacted? O Yes

No

6. Amount of the Nonrecurring Request for Fiscal Year 2020-2021

Type of Funding	Amount	
Operations	000	
Fixed Capital Outlay	500,000	
Total State Funds Requested	500,000	

7. Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)

Type of Funding	Amount	Percentage	
Total State Funds Requested (from question #6)	500000	100.0 %	
Matching Funds			
Federal	00	0 %	
State (excluding the amount of this request)	00	0 %	
Local	00	0 %	
Other	00	0 %	
Total Project Costs for Fiscal Year 2020-2021	500,000	100 %	

8. Has this project previously received state funding? • Yes • No

If yes, provide the most recent instance:

Fiscal Year	Amount		Specific	
(уууу-уу)	Recurring	Nonrecurring Appropriation		Vetoed
2019-20	00	146,640	2216	No

9. Is future-year funding likely to be requested? O Yes • No

If yes, indicate nonrecurring amount per year.



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10. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		
Field Gulary and Denoite		
Other Salary and Benefits		
Expense/Equipment/ Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Operational Costs: Oth	er	
Salary and Benefits		
Expense/Equipment/ Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Fixed Capital Construc	tion/Major Renovation:	
Construction/Renovation/ Land/Planning Engineering	Construction of nine beach dune walkovers to complete the replacement of beach walkthroughs with dune walkovers in Fernandina Beach to support repair of oceanfront dune ecosystem which will mitigate	500,000
	stormwater over wash damage to upland infrastructure	
Total State Funds Re	equested (must equal total from question #6)	500,000



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11. Program Performance

a. What specific purpose or goal will be achieved by the funds requested?

Specific Goal: To create public accessible dune walkovers in nine beach public access areas which currently have beach walkthroughs. Additionally, this project aligns and support 3 FDEP Goals: Access to Coastal Resources, Coastal Resource Stewardship and Resilient Communities. This is because beach walkthroughs are pedestrian paths which cut through beach dunes due to repeated pedestrian trampling. New beach walkovers discourage the future creation of new pedestrian trails that create low-lying channels through dunes which provide easy breach for flood waters. Beach walkovers support the creation and preservation of tall sand dunes held in place by vegetation that provide natural coastal protection against storm surge and high waves, prevent or reduce coastal flooding and structural damage. Replacing the nine walkthroughs with constructed dune walkovers will eliminate all existing dune gaps at Fernandina Beach's public accesses, and result in the restoration of sand dunes.

b. What activities and services will be provided to meet the intended purpose of these funds?

Dune reengineering and construction of nine new dune walkovers. This project will help restore and stabilize nine deteriorating dune areas of significant environmental value, which will increase the protective resiliency of the Fernandina Beach dunes against sea water encroachment related to hurricanes and sea level rise

c. What direct services will be provided to citizens by the appropriation project?

The nine new beach walkovers provided through the Fernandina Beach Dune Protection and Restoration project will provide a means for beach-goers to access the beach shoreline without trampling vegetation critical to accumulating higher dunes. Residents and tourists will experience reduced flooding from storms as a result of the restored dunes created by the Fernandina Beach Dune Protection and Restoration project.

d. Who is the target population served by this project? How many individuals are expected to be served?

All citizens and tourists. 100,000+

e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?

Environmentally enhanced beach access with reduced upland flooding. Success will be measured against existing flood metrics.

f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for in the contract?

Project will be bid and constructed consistent with standard City of Fernandina Beach procurement policies and procedures.



d. Phone Number (904)2613693

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12. The owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.

_	he City of Fernandin	a Beach.			
R	equestor Contact	Information			
	First Name	Dale	Last Name	Martin	
b.	Organization	City of Fernandina Beach			
C.	E-mail Address	dmartin@fbfl.org			
d	Phone Number	(904)310-3101	Ext.		
	ecipient Contact				
a.	Organization	City of Fernandina Beach			
b.	Municipality and	County Nassau			
c.	Organization Typ	e			
	O For-profit Entity				
	 Non-Profit 501(c) (3) 				
	Non-Profit 501(c) (4)				
	 Local Entity 				
	 University of 	or College			
	Other (pleas	se specify)			
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