

# Appropriations Project Request - Fiscal Year 2020-21

## For projects meeting the Definition of House Rule 5.14

1. Title of Project: Brevard County Indian River Lagoon FL-518 Bridge Muck Removal
2. Date of Submission: 11/01/2019
3. House Member Sponsor: Thad Altman  
Members Copied:

### 4. DETAILS OF AMOUNT REQUESTED:

- a. Has funding been provided in a previous state budget for this activity? No  
*If answer to 4a is "No" skip 4b and 4c and proceed to 4d, Col. E*
- b. What is the most recent fiscal year the project was funded?
- c. Were the funds provided in the most recent fiscal year subsequently vetoed?
- d. Complete the following Project Request Worksheet to develop your request:

FY:	Input Prior Year Appropriation for this project for FY 2019-20 <i>(If appropriated in 2019-20 enter the appropriated amount, even if vetoed.)</i>			Develop New Funds Request for FY 2020-21 <i>(Requests for additional RECURRING funds are prohibited.)</i>		
Column:	A	B	C	D	E	F
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated  <i>(Recurring plus Nonrecurring: column A + column B)</i>	Recurring Base Budget  <i>(Will equal non-vetoed amounts provided in Column A)</i>	<b>Additional Nonrecurring Request</b>	<b>TOTAL Nonrecurring plus Recurring Base Funds</b>  <i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i>
Input Amounts:					2,500,000	2,500,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2020-21? No
  - 5a. If yes, which state agency?
  - 5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested? Department of Environmental Protection
  - 5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? No
  - 5d. Describe penalties for failing to meet deliverables or performance measures which the agency should provide in its contract to administer the funding if appropriated.

Past performance should be taken into account by bill sponsors. Brevard County continues to meeting its deliverables.

6. Requester:

- a. Name: Virginia Barker
- b. Organization: Brevard County Natural Resources Management Department
- c. Email: virginia.barker@brevardfl.gov
- d. Phone #: (321)633-2016

7. Contact for questions about specific technical or financial details about the project:

- a. Name: Matt Culver
- b. Organization: Brevard County Natural Resources, Boating and Waterways Program
- c. Email: matt.culver@brevardfl.gov
- d. Phone #: (321)372-5196

8. Is there a registered lobbyist working to secure funding for this project?

- a. Name: Ron Book
- b. Firm: Ronald L. Book P.A.
- c. Email: ron@rlbookpa.com
- d. Phone #: (305)935-1866

9. Organization or Name of entity receiving funds:

- a. Name: Brevard County
- b. County (County where funds are to be expended): Brevard
- c. Service Area (Counties being served by the service(s) provided with funding): Brevard

10. What type of organization is the entity that will receive the funds? (Select one)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government
- University or College
- Other (Please describe)

11. What is the specific purpose or goal that will be achieved by the funds being requested?

This project will remove muck accumulations from the Eau Gallie Causeway (State Road 518) area of the Indian River Lagoon via environmental restoration dredging. This area has about 800,000 cubic yards of decaying muck smothering 250 acres of Indian River Lagoon downstream of a large tributary discharge area recently restored/dredged by the SJRWMD. The project is a priority for removing muck that depletes oxygen, feeds algal blooms and prevents healthy seagrass habitats.

12. Provide specific details on how funds will be spent. (Select all that apply)

Spending Category	Description	Nonrecurring (Should equal 4d, Col. E) Enter "0" if request is zero for the category
Administrative Costs:		
<input type="checkbox"/> a. Executive Director/Project Head Salary and Benefits		
<input type="checkbox"/> b. Other Salary and Benefits		
<input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> d. Consultants/Contracted Services/Study		
Operational Costs:		
<input type="checkbox"/> e. Salaries and Benefits		
<input type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> g. Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
<input checked="" type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering	Construction plus construction oversight. State and federal permits are issued . Bid package is in final review. Dredging will begin in summer of 2020. Dredging is anticipated to take 2 years with	2,500,000

	seasonal shut down for manatee protection.	
TOTAL		2,500,000

13. For the Fixed Capital Costs requested with this issue (In Question 12, category “h. Fixed Capital Outlay” was selected), what type of ownership will the facility be under when complete? (Select one correct option)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government (e.g., police, fire or local government buildings, local roads, etc.)
- State agency owned facility (For example: college or university facility, buildings for public schools, roads in the state transportation system, etc.)
- Other (Please describe): Environmental dredging will clean up Florida's sovereign submerged lands

14. Is the project request an information technology project?

15. Is there any documented show of support for the requested project in the community including public hearings, letters of support, major organizational backing, or other expressions of support?

Yes

15a. Please Describe:

This request partially implements the Save Our Indian River Lagoon Project Plan. This Plan was recommended by a Citizen Oversight Committee and approved by the County Commission. Local match for the Plan was approved by the voters in a sales tax referendum held November 8, 2016. Local match is budgeted.

16. Has the need for the funds been documented by a study, completed by an independent 3rd party, for the area to be served?

Yes

16a. Please Describe:

In the 2014-17 sessions, the Florida Legislature directed \$4 million to the Florida Institute of Technology Indian River Lagoon Research Institute to investigate muck and muck dredging. Multiple reports supportive of dredging have been produced plus the following publication: Fox, A.L., Trefry, J.H. (2018) Environmental dredging to remove fine-grained, organic-rich sediments and reduce inputs of nitrogen and phosphorus to a sub-tropical estuary. Marine Technology Society Journal 52:42-57.

17. Will the requested funds be used directly for services to citizens?

18. What benefits or outcomes will be realized by the expenditure of funds requested? (Select each Benefit/Outcome that applies)

Benefit or Outcome	Provide a specific measure of the benefit or outcome	Describe the method for measuring level of benefit
<input type="checkbox"/> Improve physical health		
<input type="checkbox"/> Improve mental health		
<input type="checkbox"/> Enrich cultural experience		
<input checked="" type="checkbox"/> Improve agricultural production/promotion/education	Enrich soils on recipient agricultural land	Quantify the number of cubic yards of dewatered muck delivered to agriculture to use as a soil amendment for sod fields and pasture grasses.
<input type="checkbox"/> Improve quality of education		
<input checked="" type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality	Reduce Algae Blooms, turbidity and total suspended solids. Improve water clarity, light penetration, and dissolved oxygen levels.	Analyze trends in monthly water quality data collected by SJRWMD at fixed stations in the Indian River Lagoon near the project.
<input type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)		
<input checked="" type="checkbox"/> Improve transportation conditions	Improve navigation	Analyze trends in monthly turbidity (including muck stirred up by passing boats) data collected by SJRWMD at fixed stations in the Indian River Lagoon near the project.
<input checked="" type="checkbox"/> Increase or improve economic activity	Protect and increase property value	Compare pre-project and post-project property values and doc stamp

		collections.
<input checked="" type="checkbox"/> Increase tourism	Increase hotel and short-term rental occupancy	Compare pre-project and post-project tourist development tax revenues.
<input type="checkbox"/> Create specific immediate job opportunities		
<input type="checkbox"/> Enhance specific individual's economic self sufficiency		
<input type="checkbox"/> Reduce recidivism		
<input type="checkbox"/> Reduce substance abuse		
<input type="checkbox"/> Divert from Criminal/Juvenile justice system		
<input type="checkbox"/> Improve wastewater management		
<input type="checkbox"/> Improve stormwater management		
<input type="checkbox"/> Improve groundwater quality		
<input type="checkbox"/> Improve drinking water quality		
<input checked="" type="checkbox"/> Improve surface water quality	Reduce turbidity, oxygen demand and nutrient flux into the water from the mucky bottom	Compare pre-project and post-project water quality data (TSS, DO, TN, TP and chl a concentrations) collected by SJRWMD at fixed stations nearby
<input type="checkbox"/> Other (Please describe):		

19. Provide the total cost of the project for FY 2020-21 from all sources of funding (Enter "0" if amount is zero):

Type of Funding	Amount	Percent of Total	Are the other sources of funds guaranteed in writing?
1. Amount Requested from the State in this Appropriations Project Request:	2,500,000	20.0%	N/A

2. Federal:	0	0.0%	No
3. State: (Excluding the requested Total Amount in #4d, Column F)	0	0.0%	No
4. Local:	10,020,487	80.0%	Yes
5. Other:	0	0.0%	No
<b>TOTAL</b>	<b>12,520,487</b>	<b>100%</b>	

20. Is this a multi-year project requiring funding from the state for more than one year?

No

21. What is the revenue source of ongoing operating funds?

Local Voter-Approved Half Cent Infrastructure Sales Tax (Save Our Lagoon)

22. Has local approval been given for ongoing operating funds?

Yes

23. Have you applied for alternative state funding?

- a. Wastewater Revolving Loan
- b. Drinking Water Revolving Loan
- c. Small Community Wastewater Treatment Grant
- d. Other (Please describe)
- e. N/A

24. Has project been addressed in a local, regional, or state plan?

Yes

24a. If Yes, insert plan name and cite page numbers.

Local Save Our Indian River Lagoon Project Plan 2019 Update, pages 52-63 and 126-127; EPA-approved Indian River Lagoon Comprehensive Conservation and Management Plan, pages 47-50.

25. Is the project for a financially disadvantaged community? (as defined in Chapter 62-552, F.A.C.)

No

26. What is the population economic status?
- a. Financially Disadvantaged Municipality
  - b. Rural Area of Critical Economic Concern
  - c. Rural Community Experiencing Economic Distress
  - d. N/A
27. What is the status of planning?
- a. Ready
  - b. Not Ready
28. What percentage of the planning process has been completed?
- 100%
29. What is the estimated planning completion date?
- 3/01/2017
30. What is the status of design?
- a. Ready
  - b. Not Ready
31. What percentage of design has been completed?
- 100%
32. What is the estimated design completion date?
- 7/01/2019
33. List all required permits.
- FDEP (issued), USACE (issued)
34. What is the status of permitting?
- a. Planned
  - b. Submitted
  - c. Received
35. What is the status of construction?

- a. Ready
- b. Not Ready

36. What percentage of construction has been completed?

0%

37. What is the estimated completion date of construction?

6/30/2022