



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2019-2020

LFIR#: 1462

**1. Title of Project:** Southwest Ranches Dykes Road Water Quality and Drainage

**2. Senate Sponsor:** Lauren Book

**3. Date of Submission:** 02/15/2019

**4. Project/Program Description:**

This project includes installing catch basins and piping along Dykes Road (SW 160th Avenue) to remove stormwater from State Road 818 (Griffin Road). Water will be directed west into the 22-acre Southwest Meadows Sanctuary Park through a pipe and into a swale. The water will be treated through a newly created three-acre wetland area. The wetland will serve to reduce nutrient loading and provide flood control while acting as a wildlife habitat.

**5. State Agency to receive requested funds :** Department of Environmental Protection

State Agency Contacted? Yes

**6. Amount of the Nonrecurring Request for Fiscal Year 2019-2020**

Type of Funding	Amount
Operations	
Fixed Capital Outlay	650,000
<b>Total State Funds Requested</b>	<b>650,000</b>

**7. Total Project Cost for Fiscal Year 2019-2020 (including matching funds available for this project)**

Type of Funding	Amount	Percent
Total State Funds Requested (from question #6)	650,000	86.67%
Federal	0	0.00%
State (excluding the amount of this request)	0	0.00%
Local	100,000	13.33%
Other	0	0.00%
<b>Total Project Costs for Fiscal Year 2019-2020</b>	<b>750,000</b>	<b>100.0%</b>

**8. Has this project previously received state funding?** No

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	NonRecurring		

**9. Is future-year funding likely to be requested?** No

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

Spending Category	Description	Amount
<b>Administrative Costs:</b>		
Executive Director/Project Head Salary and Benefits		



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Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
<b>Operational Costs:</b>		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
<b>Fixed Capital Construction/Major Renovation:</b>		
Construction/Renovation/Land/Planning Engineering	Excavation, construction of storm drainage pipe, construction of concrete catch basins and inlets with grates, grading, filling and street repair and repaving, and installation of swales and grass sodding.	650,000
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>650,000</b>

**11. Program Performance:**

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

The benefits of the project will also be to significantly reduce flooding within Dykes Road during heavy rainfall events. Currently, the roadway is prone to extensive and prolonged flooding within the project limits described above, due to the lack of positive drainage connections. The project was intentionally designed to include three acres of created wetlands along the park waterway to improve water quality from the surrounding storm water run-off. All drainage components will be constructed in compliance with NPDES criteria including required BMP's. The proposed project will have a positive effect on implementing the SFWMD's, Corps of Engineers and Florida's Department of Environmental Protection primary goal to reduce total phosphorus (T.P.) in the CERP Basin and reduce flooding. The project has been supported and prioritized by Broward County's Mitigation Task Force.

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

Upon completion, this project will connect the northern end of the Ivanhoe lake system through the park directly west through culvert pipes installed under SW 160th Avenue, SW 163rd Avenue, and a single residential property, which is adjacent to an existing canal that flows into the South Broward Drainage District S8 Pump Station and discharges into the SFWMD's Primary C-11 Drainage Canal before direct discharge into the adjacent Everglades Water Conservation Area 3A.

**c. What are the direct services to be provided to citizens by the appropriations project?**

The project will remove flood waters from roadways in the heavily traveled area of Southwest Ranches.

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

The project goal is to alleviate flood staging and routing. The execution of these respective projects will provide flood relief to all of our constituents. Dykes Road serves as a cut through area for traffic for the Town of Davie, City of Weston, and City of Pembroke Pines.

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



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#### will be measured?

This project will have the following measurable outcomes: 1. Provide three acres of wetlands for water retention and purification aimed at reducing the levels of nutrient loads (both Total Phosphorus and Nitrogen) from adjacent urban stormwater runoff. The wetlands are being designed to treat the stormwater run-off and are not for mitigation plans or credits. 2. Decrease the S-8 Secondary Drainage Canal's duration of peak stages following major storms in the Ivanhoe and Green Meadow's Neighborhoods. 3. Increase the storage capacity in the basin and increase water quality. 4. It allows for Best Management Practices for the pretreatment of stormwater runoff, which eventually flows into the C-11 Canal and into the Everglades. 5. Reduce flood stages and durations of flooding along Dykes Road (SW 160th Avenue), a highly traveled arterial roadway and an emergency access route.

**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?**

De-obligation of funding.

**12. The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.**

This drainage project will be completed within Southwest Ranches right-of-way.

**13. Requestor Contact Information:**

- a. **Name:** Andrew Berns
- b. **Organization:** Town of Southwest Ranches
- c. **E-mail Address:** aberns@swranches.org
- d. **Phone Number:** (954)434-0008

**14. Recipient Contact Information:**

- a. **Organization:** Town of Southwest Ranches
- b. **County:** Broward
- c. **Organization Type:**
  - For Profit
  - Non Profit 501(c) (3)
  - Non Profit 501(c) (4)
  - Local Entity
  - University or College
  - Other (Please specify)
- d. **Contact Name:** Emily Aceti
- e. **E-mail Address:** eaceti@swranches.org
- f. **Phone Number:** (954)343-7453

**15. Lobbyist Contact Information**



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- a. **Name:** Nelson Diaz
- b. **Firm Name:** Southern Strategies Group
- c. **E-mail Address:** diaz@sostrategy.com
- d. **Phone Number:** (305)421-6304

**Please complete the questions below for Water Projects only**

**16. Have you applied for alternative state funding?**

- Wastewater Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant
- Other (Please describe)
- N/A

**17. What is the population economic status?**

- Financially Disadvantaged Community (ch. 62-552, F.A.C)
- Financially Disadvantaged Municipality (ch. 62-552, F.A.C)
- Rural Area of Economic Concern
- Rural Area of Opportunity (s. 288-0656, Florida Statutes)
- N/A

**18. What is the status of construction?** Not completed.

**19. What percentage of construction has been completed?** 0%

**20. What is the estimated completion date of construction?** 06/01/2020