



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2020-2021

LFIR # 1038

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. **Project/Program Description**

Gulf of Mexico Beach Stormwater Outfall Pipe Removal & Water Quality Project will consolidate stormwater drainage within the stormwater drainage system and convey it through swales and pipes to a stormwater retention lake as the first step in the water quality treatment train. From the lake, stormwater will be conveyed to a pump station with a screening chamber where additional debris carried by the stormwater is intercepted and removed. Lastly, stormwater will undergo ultraviolet light treatment to eliminate any harmful bacteria. The treated stormwater will then be pumped through an underground pipe that will discharge cleaned stormwater to the Gulf of Mexico, approximately 1,100-feet offshore. This project, as permitted, will significantly improve water quality, coastal resiliency, mitigate beach erosion, reduce flooding, improve shoreline wildlife habitat, and remove man-made obstructions from the natural beach.

5. **State Agency to receive requested funds**

State Agency contacted?  Yes  No

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

Type of Funding	Amount
Operations	<input style="width: 80%;" type="text" value="000"/>
Fixed Capital Outlay	<input style="width: 80%;" type="text" value="5,000,000"/>
<b>Total State Funds Requested</b>	<b>5,000,000</b>

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)	<input style="width: 80%;" type="text" value="5,000,000"/>	<input style="width: 80%;" type="text" value="50.0"/> %
<b>Matching Funds</b>		
Federal	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
State (excluding the amount of this request)	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
Local	<input style="width: 80%;" type="text" value="5,000,000"/>	<input style="width: 80%;" type="text" value="50"/> %
Other	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
<b>Total Project Costs for Fiscal Year 2020-2021</b>	<b>10,000,000</b>	<b>100</b> %

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

If yes, provide the most recent instance:

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>

9. **Is future-year funding likely to be requested?**  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
<b>Administrative Costs:</b>		
Executive Director/Project Head Salary and Benefits		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
<b>Operational Costs: Other</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	The City's improvement project (which is based on a similarly successful project in Sarasota County) is construction ready, pending the receipt of a U.S. Army Corps of Engineers Permit. This project will substantially improve stormwater quality, reduce flooding and better protect up to \$5 billion of taxable properties from flood. The project will counteract sea level rise via a pump system and significantly improve coastal resiliency.	5,000,000
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>5,000,000</b>



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## 11. Program Performance

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

The goal of the Project was to provide a functional and constructible stormwater infrastructure improvement project to reduce flooding (including sea level rise) and storm damage (for coastal resiliency) during high frequency events (e.g. <25-yr return period). To address the concerns identified – flooding, beach erosion, beach access, sea turtle nesting habitat, water quality and beach aesthetics – the following specific objectives were developed: 1. Reduce flooding (including the effects of sea level rise) of low-lying roadways; 2. Improve the Level of Service and replace aging infrastructure; 3. Improve Water Quality; 4. Reduce Adverse Impacts to Beach Users (e.g. Swimming); 5. Reduce Impacts to Environmental Resources (e.g. Hardbottom); 6. Reduce Beach Erosion from Outfall Induced Scour; 7. Improve Beach Access for Sea Turtles and Beach Users by Removing Pipes and Support Pilings.

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

The Project will consolidate the stormwater from a 156 acre drainage basin and convey it along Gulf Shore Blvd to a pump station (with screening chamber) where it will be discharged approximately 1,100 ft offshore through two 30" pipelines installed by horizontal directional drill. Four beach outfalls will be removed from the beach. Another beach outfall located in will be removed seaward of the seasonal mean high water line and modified for us as an overflow system during low frequency rainfall events. The Project components include: 1. Replacement of aging stormsewer pipes and structures to eliminate effects of tides on discharge and conveyance to the pump station; 2. A pump station with screening chamber and backup generator; 3. Directionally drilled pipelines for offshore discharge of stormwater; 4. System overflow for extreme events and to increase wet detention at 3-lake system; and 5. Pre-treatment/filtration for water quality improvement.

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

Improved stormwater management and flood protection.

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

Millions of visitors to Naples beaches and approximately 1,750 property owners.

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

1. Reduce flooding (including the effects of sea level rise) of low-lying roadways; 2. Improve the Level of Service and replace aging infrastructure; 3. Improve Water Quality; 4. Reduce Adverse Impacts to Beach Users (e.g. Swimming); 5. Reduce Impacts to Environmental Resources (e.g. Hardbottom); 6. Reduce Beach Erosion from Outfall Induced Scour; 7. Improve Beach Access for Sea Turtles and Beach Users by Removing Pipes and Support Pilings. A comprehensive monitoring and adaptive management plan is developed to monitor the improvements to water quality and implement changes as necessary to maximize efficiencies and ensure the program meets or exceeds State of Florida water quality standards. In addition, sufficient spatial and design considerations were built into the system to accommodate the future implementation UV filtration systems if needed based on the results of quarterly monitoring and adaptive management. The outcome for flood reduction and level of service has been made

### 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?

All contracts have performance requirements and penalties that protect the state's and the public's investment. No additional penalties are needed for this project.



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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.**

City of Naples

13. **Requestor Contact Information**

- a. First Name  Last Name
- b. Organization
- c. E-mail Address
- d. Phone Number  Ext.

14. **Recipient Contact Information**

- a. Organization
- b. Municipality and County
- c. Organization Type
- For-profit Entity
  - Non-Profit 501(c) (3)
  - Non-Profit 501(c) (4)
  - Local Entity
  - University or College
  - Other (please specify)
- d. First Name  Last Name
- e. E-mail Address
- f. Phone Number

15. **Lobbyist Contact Information**

- a. Name
- b. Firm Name
- c. E-mail Address
- d. Phone Number  Ext.



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

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

- Waste Water Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant
- Other (please specify)
- 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?**

19. **What percentage of the construction has been completed?**

20. **What is the estimated completion date of construction?**

***The information provided will be posted to the Florida Senate website for public viewing if sponsored by a Senator.***