



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 1067

1. **Project Title**
2. **Senate Sponsor**
3. **Date of Request**

4. **Project/Program Description**

At present, areas of the City are adversely affected by significant flooding resulting from stormwater that collects from heavy rainfall and surges of water from the king tides that overflow from the Lake Worth Lagoon and C-51 Canal into surrounding residential neighborhoods and commercial districts. These areas are further subjected to adverse effects that will arise from inevitable sea level rise. This project will serve to control the chronic flooding of these areas. Proposed improvements include comprehensive repairs to primary outfall pipes and trunk mains that have approached the end of their useful life. Improvements to enhance the performance of the stormwater system include the installation of check valves on all outfalls and reinforcement of the outfall bulkheads. The expansion of retention ponds in the City's golf course will provide additional area for drainage and storage of stormwater.

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="1,000,000"/>
Total State Funds Requested	1,000,000

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)	<input style="width: 80%;" type="text" value="1,000,000"/>	<input style="width: 80%;" type="text" value="50.0"/> %
Matching Funds		
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="1,000,000"/>	<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"/> %
Total Project Costs for Fiscal Year 2020-2021	2,000,000	100 %

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
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Operational Costs: Other		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Construction	1,000,000
Total State Funds Requested (must equal total from question #6)		1,000,000



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11. Program Performance

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

The purpose of the project is to provide significant improvements to the City's stormwater system that is comprised of over thirty outfall pipes and trunk mains that collect stormwater for discharge into the Lake Worth Lagoon and C-51 Canal. Several primary outfalls have exceeded their design life and have been subsequently compromised to a severely deteriorated condition. These pipes will be repaired and lined as necessary to restore performance to their intended purpose and the outfall bulkheads will be reinforced for proper structural integrity. These primary outfalls will be retrofitted with sediment control baffles and debris sumps to relieve blockages of leaf litter and debris leaving low lying areas under water. These baffles will further serve to improve the quality of the stormwater that is discharged into the Lake Worth Lagoon and C-51 Canal. Tidal check valves are proposed for installation on all of the outfall pipes to prevent seawater from entering into the outfalls.

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

This project is intended to control the chronic flooding of impacted residential neighborhoods and commercial areas that are adversely impacted by standing stormwater that results from heavy rainfall and surges of water from the king tides that overflow from the Lake Worth Lagoon and C-51 Canal. The resultant standing water, a source of mosquitoes and other pests that pose a risk of disease, recedes primarily from ground percolation and evaporation as storm drains become filled with water and have few points of adequate release. The expanded retention ponds in the golf course and the exfiltration trench will provide additional storage area to hold the stormwater.

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

Planned improvements include repair of the 72-inch parallel outfall pipes at 13th Avenue North, repair and lining of the 36 to 72-inch trunk main along 10th Avenue North, lining of the 48 to 54-inch trunk line on 1st Ave South, new exfiltration along North O Street, expansion of the golf course lakes and upgrades to Bryant Park's stormwater system. The existing outfalls and trunk mains at these locations are failing due to the pipes and seawalls reaching their useful life. These improvements will serve to significantly reduce chronic flooding of these areas. In addition, nutrient separator baffle boxes will be installed at these locations to filter out pollutants being discharged. Outfall check valves will be installed on several of the outfalls in the City. This will assist in the prevention of flood water resulting from high tides and ongoing sea level rise from penetrating the stormwater system and adversely impacting the service area with flooding.

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

The target population that this project serves is the many residents who live by and along the Lake Worth Lagoon and C-51 canal. The project also benefits many residents and businesses further inland that discharge stormwater through these outfalls.

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

Resilience is the ability to prosper through adversity. This project strives to incorporate a resilient system designed to reduce risk exposures and sensitivities to this neighborhood that rising tides and floodwater are likely to inundate. The project will provide the infrastructure necessary to reduce sensitivities and enhance the adaptive capacities of resiliency in order to reduce the exposure of these properties to the increased incidence of flooding by developing a more resilient coastline bordering the Lake Worth Lagoon. These interconnected and interdependent actions to protect residents from rising sea levels and flooding of property from backed up storm drains will serve to ensure access to housing, schools, shopping, parks and recreational facilities, businesses and medical centers.

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?

The suggested penalties would be liquidated damages for finishing the contract late or failing to finish the contract.



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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.**

The City of Lake Worth Beach owns and operates the stormwater system and, as such, is responsible for its ongoing maintenance and repair.

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.