



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1417

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

The Chapel Hill Neighborhood Drainage Improvements project includes the engineering design and permitting of comprehensive improvements to the stormwater system to mitigate the effects of flooding from rainfall and storm events. Implementation of the project will improve the City of Boynton Beach's level of service to the neighborhood and provide protection of life, health, safety, and property.

5. State Agency to receive requested funds

State Agency contacted? No

6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	500,000
Total State Funds Requested	500,000

7. Total Project Cost for Fiscal Year 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	500,000	80%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	125,000	20%
Other	0	0%
Total Project Costs for Fiscal Year 2022-2023	625,000	100%

8. Has this project previously received state funding? No

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

9. Is future funding likely to be requested? Yes

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?

Yes



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If yes, indicate the amount of funds received and what the funds were used for.

\$900,000 in CDBG Cares Act - food and rental assistance
 \$137,392.18 Firefighter's Assistance Grant for COVID
 \$111,931.00 Police Coronavirus Supplemental funding
 \$13,600,000 - ARPA - programming and services

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study	Professional engineering services to support design, permitting and bidding phases. Services include, but not limited to, survey, data collection, easement acquisition, public outreach, inter-agency coordination, construction plans & specs, permits, bid assistance and other related services.	500,000
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		500,000

12. Program Performance

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

The Chapel Hill Neighborhood Drainage Improvements Project will provide protection of life, health, safety and property. Severe flooding in the neighborhood is a public safety hazard because emergency medical response, fire and law enforcement services can have difficulties reaching the residents during emergency calls. Standing water poses a health threat from diseases, including those caused by breeding mosquito populations, sanitary sewer or chemical contaminants, and electrocution. Additionally, it causes hardship and disruption to community access and egress. When the roads and low-lying properties are flooded, residents are unable to maintain a reasonable quality of life as mobility issues arise.

The drainage improvements will be implemented to mitigate the extent of flooding after storm events. The stormwater system will collect, convey, and treat the water in each catch basin before being discharge by pumping or gravity to a canal or percolating into the ground.

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

The project will provide an upgraded stormwater drainage system within the neighborhood to allow stormwater runoff to drain from the roadway to swales, exfiltration trenches, a new stormwater pumping station, and positive outfalls to the E-4 Canal. The major items to be included in the engineering design project are new roadway drainage inlets, piping, swales, and exfiltration trenches; reconstruction and regrading of the roadway; and up to two positive outfalls to discharge stormwater to the E-4 Canal. Each outfall will include stormwater treatment.

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



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By increasing the number of storm drainage inlets and storm pipe capacity, the project greatly mitigates roadway flooding from severe rainfall storms events. The proposed drainage improvements will eliminate impassable roads, the potential for property damage and public safety hazard, for example, driving through flooded streets can produce a wake that worsens flooding to buildings along the street, additionally, electrical currents can travel through water and cause electrocution. These threatening conditions occur during, and for a period after, a heavy rainfall. This project mitigate these routine flooding issues.

In addition to the expected increase of resident's satisfaction and wellbeing, the community will no longer be exposed to flooding repercussions, i.e.

1. Unable to access/egress dwellings due to water depth, extent of inundated area and water ponding duration
2. Soil erosion, damage to vegetation and property
3. Safety concerns
4. Hindering school/work attendance

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

The target population served by this project is approximately 1,800 residents in a residential middle class neighborhood. In addition, flooding in the Chapel Hill neighborhood adversely impacts the neighboring properties to the east, including Bethesda Hospital East and the adjacent neighborhood. In general, the City of Boynton Beach's population is 30% Black or African American, 15% Hispanic or Latino, 2% Asian, and 2% Multiracial. Lengthy periods of neighborhood flooding inhibit the ingress and egress to the residents' properties and access to public transportation. The extended periods of standing water pose a health threat from diseases, including those from breeding mosquito populations, sanitary sewer or chemical contaminants, and possible electrocution from fallen electrical lines after major storm events.

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

City will implement drainage improvements in the Chapel Hill neighborhood to improve the level of stormwater service to the residents and reduce the impacts of flooding after rainfall events and major storm events. The improvements will be designed by an engineering consulting firm utilizing the City's general engineering consulting contract, which was implemented through a public solicitation process. The City will measure progress through monthly progress meeting and periodic review of engineering documents, drawings, and specifications.

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 the contract?

The improvements will be designed by an engineering consulting firm utilizing the City's general engineering consulting contract, which was implemented through a public solicitation process. The consultant will be administered by City staff, the City will strictly enforce the requirements of the contract. The City will measure progress through monthly progress meetings and periodic review of engineering documents, drawings, and specifications.

13. 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 Chapel Hill neighborhood is located within the city limits of the City of Boynton Beach, and the roadways within the neighborhood are owned by the City. The City also owns the Forest Hill Park property that could be potentially used for a one acre stormwater retention pond and a pumping station.



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14. Requestor Contact Information

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

15. 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

16. Lobbyist Contact Information

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



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Please complete the questions below for Water Projects only.

17. 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

18. 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

19. What is the status of construction?

Not ready.

20. What percentage of the construction has been completed?

0%

21. What is the estimated completion date of construction?

06/30/2025