



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1050

1. Project Title DeBary Stormwater Infrastructure Collapse in Volusia Blue and Gemini Springshed

2. Senate Sponsor Jason Brodeur

3. Date of Request 09/17/2021

4. Project/Program Description

The 40 year old existing stormwater infrastructure is structurally failing with pipes collapsing. The failure is one of urgent paramount importance to the overall regional water improvement efforts, impacting water quality issues within the Gemini Springs Basin Management Action plan (BMAP) and Primary Focus area boundaries (PFA). Further, the location of this collapse is within the Volusia Blue and Gemini Springsheds. Without repair, road runoff into the basins will continue to occur and homes continue to be flooded.

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

State Agency contacted? No

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

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	750,000
Total State Funds Requested	750,000

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)	750,000	29%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	300,000	11%
Local	1,566,000	60%
Other	0	0%
Total Project Costs for Fiscal Year 2022-2023	2,616,000	100%

8. Has this project previously received state funding? Yes

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2020-21	0	300,000	SF1970	No

9. Is future funding likely to be requested? No

a. If yes, indicate nonrecurring amount per year.

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

The project would need to be extended and included in multi-year city budgets. Polluted water would continue to flow into the springs and basins until that time.

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



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Yes

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

ARPA funding. The City is determining projects that fall under the guidelines for the federal monies. Approximately \$5.6 million

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		0
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	The stormwater infrastructure improvements include the removal and replacement of metal corrugated pipes with reinforced concrete pipes and sliplining of plastic pipes.	750,000
Total State Funds Requested (must equal total from question #6)		750,000

12. Program Performance

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

The funding will allow for the removal and replacement of failing corrugated metal pipes. Delays in funding will cause the entire system to be replaced. These actions will prevent further damage of critical stormwater, sidewalk, roads and other right-of-way infrastructure and prevent flooding. Deteriorating conditions cause safety and liability issues for vehicles and pedestrians. Uncontrolled and untreated stormwater will further contaminate both the Volusia Blue and Gemini Springsheds. Nutrient pollution removed from stormwater runoff will result in increased aquifer restoration, and decreasing algae bloom at the spring basin.

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

Collapsed and failing pipes would be replaced or repaired. This will allow for properly conducted stormwater runoff that will filter through the new pipes and nutrient loaded runoff would be reduced.

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

Nearly 2000 people receive their drinking water through their wells from the aquifer at Gemini Springs. By making the necessary repairs, polluted storm water runoff will be greatly reduced to the aquifer. Nutrient loaded runoff will be reduced improving the groundwater. Sidewalks and roads would not collapse.

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

Elderly persons, persons with poor physical and mental health, preschool students, grade school students, high school students, university/college students, as well as general population.

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



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Retrofitted stormwater infrastructure will prevent road and sidewalk collapse. Further collapsed roads have impeded fire personnel. The new pipes will prevent collapsed roads allowing easier access by emergency personnel.

Methodology: Visual inspections of the condition of the system by City Staff Nutrient loaded runoff will be reduced improving the groundwater.

Methodology: FDEP will be able to calculate nutrient load reduction.

Methodology: Algae Bloom diminishment Nutrient pollution removed from stormwater runoff will result in increased aquifer restoration, and decreasing algae bloom at the spring basin.

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 40 year old existing stormwater infrastructure is structurally failing with pipes collapsing. The failure is one of urgent paramount importance to the overall regional water improvement efforts, impacting water quality issues within the Gemini Springs Basin Management Action plan (BMAP) and Primary Focus area boundaries (PFA). Further, the location of this collapse is within the Volusia Blue and Gemini Springsheds. W/out repair, road runoff into the basins will occur and homes will be flooded.

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.

City of DeBary



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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?

Shovel Ready

20. What percentage of the construction has been completed?

0

21. What is the estimated completion date of construction?

12/31/2022