



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2025-2026

LFIR # 2269

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

The Canaveral Ditch is a narrow man made waterway that bisects the northern half of the City; beginning just south of the City's northernmost border with Port Canaveral, and curving southwest under State Road A1A before existing into the Banana River Lagoon (BRL). The ditch serves as the primary drainage for much of the City's northern area, taking stormwater runoff from numerous residential/commercial properties. The ditch has been historically flood prone and – due to observed increasing extreme rain events and impervious cover from over development – this vulnerability stands to worsen. This project calls for the implementation of a permanent diesel-powered emergency pump station/tidal gate built along the length of the ditch. The pump would rapidly remove stormwater runoff out of the ditch and into the BRL. The tidal gate would in turn stop wind-driven storm surge from back flowing into the ditch while the pump moves water around it and into the lagoon.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2025-2026

| Type of Funding | Amount |
|------------------------------------|------------------|
| Operating | 100,000 |
| Fixed Capital Outlay | 3,900,000 |
| Total State Funds Requested | 4,000,000 |

7. Total Project Cost for Fiscal Year 2025-2026 (including matching funds available for this project)

| Type of Funding | Amount | Percentage |
|------------------------------------------------------|------------------|-------------|
| Total State Funds Requested (from question #6) | 4,000,000 | 100% |
| Matching Funds | | |
| Federal | 0 | 0% |
| State (excluding the amount of this request) | 0 | 0% |
| Local | 0 | 0% |
| Other | 0 | 0% |
| Total Project Costs for Fiscal Year 2025-2026 | 4,000,000 | 100% |

8. Has this project previously received state funding?

If yes, provide the most recent instance:

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

9. Is future-year funding likely to be requested?

a. If yes, indicate nonrecurring amount per year.

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



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Complete questions 10 and 11 for Fixed Capital Outlay Projects

10. Status of Construction

a. What is the current phase of the project?

☒ Planning ☐ Design ☐ Construction ☐ N/A

b. Is the project "shovel ready" (i.e permitted)?

No

c. What is the estimated start date of construction?

10/08/2025

d. What is the estimated completion date of construction?

12/01/2026

e. What funding stream will be used for ongoing operations and maintenance of the project?

City of Cape Canaveral Stormwater Enterprise Fund

11. List 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 Cape Canaveral

12. 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 | | |
| Salary and Benefits | | 0 |
| Expense/Equipment/Travel/Supplies/Other | | 0 |
| Consultants/Contracted Services/Study | Feasibility Study to include hydraulic modeling, hydrological analysis, and project recommendations | 100,000 |
| Fixed Capital Construction/Major Renovation: | | |
| Construction/Renovation/Land/Planning Engineering | Engineering designs to build a pump station and install a tidal valve and to Re-construct an existing canal to allow for better flow | 3,900,000 |
| Total State Funds Requested (must equal total from question #6) | | 4,000,000 |

13. Program Performance

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

Discussions with a Tetra Tech engineering team have yielded a recommendation to implement a large scale permanent pump station and tidal gate to mitigate flooding issues along the length of the Canaveral Ditch. The proposed pump station would be set somewhere at the ditch's southern end and would automatically activate to rapidly and safely move water out of the water way to the south and out into the BRL around a tidal gate. This tidal gate would effectively serve as a dam, preventing backflow from the lagoon as the ditch is drained behind it.

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



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This project includes but is not limited to the furnishing of all labor, materials, tools, equipment, machinery, expertise, services, and all else necessary for proper design, construction and completion of the project consisting of excavation, the installation of a pump station unit and the associated tidal gate and all of its mechanical mechanisms, clearing and replanting, ground and water monitoring, back-filling, installation of construction erosion control measures, and marine environmental monitoring.

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

This project will provide flood mitigation, safety improvements, and long-term livability for the Canaveral Stormwater Drainage Basin, home to 4,000 residents, including disadvantaged populations. Rapid water rises occur from heavy rain and storm surge, as seen during Hurricane Ian when ditch water levels rose three feet in hours. Flooding has damaged properties and cut off access, with water sometimes taking over a week to recede. Prolonged inundation increases health risks, including disease and mosquito breeding.

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

The stormwater drainage basin that this project would serve to help takes up about half of the City's land area, is home to roughly 4,000 residents (including some of the City's most disadvantaged populations) and contains dozens of commercial businesses, including some that serve aerospace and national defense interest at the nearby Kennedy Space Center, the Cape Canaveral Space Force Station, and at Port Canaveral. This drainage basin also drains portions of SR A1A, the only roadway in or out of the City capable of handling high volume evacuation traffic before, during, and after storm events.

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

The expected benefit of this project would be to significantly reduce flooding within the Canaveral Stormwater Drainage Basin and better improve the safety, security, and resiliency of those living/working within it. To monitor/measure success, the pump station itself would be used to measure flow rates and periods of activation with its own internal digital monitoring program. Remote sensor sites would also be installed to measure water levels within the ditch to determine how high floodwaters get post-improvements. The City would also conduct check-ins with residents and property owners situated along the ditch to gather eyewitness testimony as to whether or not the pump station and tidal gate are working.

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?

\$500 per day for not meeting the appropriate deadlines per the City's Construction Agreement.

14. Is this project related to mitigation, response, or recovery from a natural disaster? ☒ Yes

a. If Yes, what phase best describes the project?

- ☒ Mitigation (reducing or eliminating potential loss of life or property)
- ☐ Response (addressing the immediate and short-term effects of a natural disaster)
- ☐ Recovery (assisting communities return to normal operations, including rebuilding damaged infrastructure)

b. Name of the natural disaster (or Executive Order # for events not under a federal declaration):

Hurricanes and extreme rain fall events

15. Has the entity applied for or received federal assistance for this project?

- ☐ Yes, Applied
- ☐ Yes, Received
- ☒ No
- ☐ No, but intends to apply



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a. If yes, provide the FEMA project worksheet ID#:

b. Provide the total project cost listed on the FEMA project worksheet:

16. Has the entity applied for or received state assistance for this project (other than this request)?

- ☐ Yes, Applied
- ☐ Yes, Received
- ☒ No
- ☐ No, but intends to apply

a. If yes, specify the program and state agency (ex. Local Government Emergency Bridge Loan, Department of Commerce):

Please complete questions 17 through 21 for Water Projects only.

17. Have you been awarded or applied for alternative state funding for this project?

- ☐ Water Quality Improvement Grant Program
- ☐ Resilient Florida Grant Program
- ☐ Wastewater Revolving Loan
- ☐ Drinking Water Revolving Loan
- ☐ Small Community Wastewater Treatment Grant
- ☐ Other (please specify, ex. Alternative Water Supply Grants)
- ☒ 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?



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Planning

20. What percentage of the construction has been completed?

0%

21. What is the estimated completion date of construction?

12/01/2026

22. Requester Contact Information

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

23. 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 Ext.

24. Lobbyist Contact Information

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

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