



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1221

1. Title of Project: Tamarac Stormwater Culvert-Headwalls Ph 6 Project

2. Senate Sponsor: Perry Thurston

3. Date of Submission: 02/04/2019

4. Project/Program Description:

Installation of culverts and headwall improvements to 6 project sites - 2 culvert/headwall projects at each of 3 locations citywide. This project is necessary to improve stormwater management & safety: the City of Tamarac examined canal crossing locations throughout the City and Staff determined that various locations are problematic and require restoration due to excessive erosion and undermining of sidewalks along the edge of various roadways at the canal crossings. These conditions create unsafe situations for residents and pedestrians. They also introduce pollutants into our stormwater creating an environmental threat. Restoration methods include utilizing design concepts such as incorporating an aluminum headwall system with possible culvert pipe extensions. Tamarac has been working diligently to make improvements over the years to mitigate the impact of hurricanes/disastrous tropical storms annually affecting south Florida. This project is our 6th phase in this effort.

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

State Agency Contacted? No

6. Amount of the Nonrecurring Request for Fiscal Year 2019-2020

Type of Funding	Amount
Operations	
Fixed Capital Outlay	350,000
Total State Funds Requested	350,000

7. Total Project Cost for Fiscal Year 2019-2020 (including matching funds available for this project)

Type of Funding	Amount	Percent
Total State Funds Requested (from question #6)	350,000	50.0%
Federal	0	0.0%
State (excluding the amount of this request)	0	0.0%
Local	350,000	50.0%
Other	0	0.0%
Total Project Costs for Fiscal Year 2019-2020	700,000	100.0%

8. Has this project previously received state funding? No

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

9. Is future-year funding likely to be requested? No



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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:		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Renovation	350,000
Total State Funds Requested (must equal total from question #6)		350,000

11. Program Performance:

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

The goals of this project are the following: 1) address and prevent erosion around culvert inlets and outlets to reduce pollutants from entering stormwater; 2) improve stormwater management; 3) improve safety by creating a gradual slope where these culverts tie into waterways.

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

Installation of six culvert and headwall improvements at three locations with two projects at each location throughout the City. The City of Tamarac staff examined canal crossing locations throughout the City and determined that restoration at various locations is necessary due to excessive erosion and undermining of sidewalks along the edge of various roadways at the canal crossings. These conditions are not only creating unsafe situations for residents and pedestrians, but they introduce pollutants into our stormwater and are bad for our environment. Restoration methods include utilizing design concepts such as incorporating an aluminum headwall system with possible culvert pipe extensions.

c. What are the direct services to be provided to citizens by the appropriations project?

Over the years, Tamarac utilized past findings to replace stormwater pump stations located along the C-14 Canal, providing flood control to 35,000 residents. This year, Tamarac will complete its new Stormwater Master Plan. Accordingly, this project is the next phase to improve the City's canal system and roadway culvert crossings which have become the weak link in the stormwater management system. Culvert crossing bottlenecks have resulted in minor to severe roadway flooding which continues to threaten the residences and numerous businesses throughout the seven square mile basin served by the pump stations. The flooding causes pollutants and solids to wash into the canal system. A large amount of standing water also significantly



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increases the likelihood of exfiltration and infiltration into the sewer system. This current phase identifies those areas most critically in need of repair or replacement.

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

Tamarac residents (64,660), businesses and visitors and other Cities within the stormwater management canal system. Specifically, the project mitigates stormwater runoff pumped into various canals throughout the City that are a part of the interlinked canal system in the South Florida Water Management District. These canals pump into other waterways such as the C-14 Canal and Everglades Conservation Area. Therefore, the project will improve water quality by reducing the amount of sedimentation and pollutants from entering our canals annually. With this erosion minimized, the stability of sidewalks along the edge of various roadways at the canal crossings will also be improved. This additional support enhances safety to our residents, businesses and visitors, many of whom use sidewalks year-round as part of a healthy/active lifestyle.

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

Benefits: 1) Continuation of the stormwater management system improvements and mitigation of erosion and sedimentation within various canals throughout the City will improve water quality by reducing the amount of sedimentation and pollutants from entering our canals. These canals are an integral part of the stormwater management system in the South Florida Water Management District and pump into other waterways such as the C-14 Canal and Everglades Conservation Area. 2) improvement of sidewalk stability along the edge of various roadways at the canal culvert crossings. This additional support enhances safety to our residents, businesses and visitors, many of whom use sidewalks year-round as part of a healthy/active lifestyle.

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?

N/A

12. The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.

N/A: The City of Tamarac is the land owner on the municipal roadway

13. Requestor Contact Information:

- a. **Name:** Michael Gresek
- b. **Organization:** City of Tamarac
- c. **E-mail Address:** michael.gresek@tamarac.org
- d. **Phone Number:** (954)597-3562

14. Recipient Contact Information:

- a. **Organization:** City of Tamarac
- b. **County:** Broward
- c. **Organization Type:**
 - For Profit
 - Non Profit 501(c) (3)



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- Non Profit 501(c) (4)
- Local Entity
- University or College
- Other (Please specify)

d. Contact Name: Michael Gresek

e. E-mail Address: michael.gresek@tamarac.org

f. Phone Number: (954)597-3562

15. Lobbyist Contact Information

a. Name: Ronald L. Book

b. Firm Name: Ronald L. Book, P.A.

c. E-mail Address: alex@rlbookpa.com

d. Phone Number: (305)935-1866

Please complete the questions below for Water Projects only

16. Have you applied for alternative state funding?

- Wastewater Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant
- Other (Please describe)
- 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? Not started, but in conceptual design stage

19. What percentage of construction has been completed? 0%

20. What is the estimated completion date of construction? 12/31/2020