

- **Project Title** 1. Ponce Inlet Ponce De Leon Circle Septic To Sewer Conversion
- 2. Senate Sponsor Tom Wright
- 3. **Date of Request** 11/12/2019

#### 4. **Project/Program Description**

This project is a septic to sewer conversion project located along Ponce De Leon Circle in the Town of Ponce Inlet. It was identified as a project on the Town's 2017 Sanitary Sewer Master Plan Update. This project consists of approximately 1,110 linear feet of 8" PVC gravity sewer and sanitary manholes and approximately 1,300 linear feet of PVC force main. This project would provide 22 new sewer services to residents along the street. Also included in this project is a new lift station including wet well, pumps and controls, valves, vault, piping and appurtenances, and electrical. This lift station will transmit the sewage via the new force main to an existing force main on S. Peninsula Dr. This septic to sewer project, once constructed will reduce the amount of total nitrogen and total phosphorus entering the intracoastal.

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

○ Yes ● No State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2020-2021

Type of Funding	Amount	
Operations	000	
Fixed Capital Outlay	1,183,559	
Total State Funds Requested	1,183,559	

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)	1183559	79.0 %	
Matching Funds			
Federal	00	0 %	
State (excluding the amount of this request)	00	0 %	
Local	315,015	21 %	
Other	00	0 %	
Total Project Costs for Fiscal Year 2020-2021	1,498,574	100 %	

Has this project previously received state funding? 8. ○ Yes No

If yes, provide the most recent instance:

Fiscal Year	Amount		Specific	
(уууу-уу)	Recurring	Nonrecurring	Appropriation #	Vetoed

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

If yes, indicate nonrecurring amount per year.



LFIR # 1701

### 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:				
Fixed Capital Construction/Renovation/ Land/Planning Engineering	tion/Major Renovation: The requested funds will be used to fund construction of the project. This will include the installation of the gravity main, force main and lift station, as well as a complete roadway repair.	1,183,559		
Total State Funds Re	quested (must equal total from question #6)	1,183,559		



LFIR # 1701

#### 11. Program Performance

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

The specific purpose that will be achieved with the funds requested is the construction of a sanitary sewer system along Ponce De Leon Cir. The goal of these funds is to reduce the total nitrogen (TN) and total phosphorus (TP) being released into the intracoastal by homeowners septic tanks. This project will convert homeowners from septic to sewer in turn reducing the amount of TN and TP entering the intracoastal. Reduction of nutrients to surface water is currently a very relevant goal of the FDEP and St. Johns River Water Management District.

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

The service being provided through construction of this project is a sanitary sewer system along the entirety of Ponce De Leon Cir.

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

Direct services that are to be provided to the citizens by this project is access to a sanitary sewer.

#### 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 the 24 households along Ponce De Leon Cir. Estimating two people live in each household, approximately 48 individuals are expected to be served.

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

The benefit of this project is water quality enhancement. The location of this project was identified due to its proximity to the Indian River Lagoon (IRL). Ponce De Leon Circle is surrounded by water on all sides. This area has a high groundwater elevation and often floods during rainstorms and king tides. It is assumed due to the high groundwater and rain events/king tides that the majority of the nutrients TN and TP from septic tanks along the street are flushed directly into the IRL. This project will eliminate 24 septic tanks contributing to nutrient loading in the lagoon and in turn benefit the water quality in the area. It is estimated that one septic tank produces 32 lb/ERU (equivalent residential unit) of total nitrogen (TN) and 10 lb/ERU or total phosphorus (TP). Completion of this project would reduce TN and TP entering into the environment by 768 lb and 240 lb respectively.

### 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 liquidated damages will be doubled what is standard, \$1,000/day.



# 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 Port Orange will own and operate the new sewer facility once construction is complete. The Town of Ponce Inlet will benefit from this project due to the increased water quality in the area.

#### 13. Requestor Contact Information

	a.	First Name	Jeaneen	Last Name	Witt		
	b.	Organization	Town of Ponce Inlet				
	c.	E-mail Address	jwitt@ponce-inlet.org				
	d.	Phone Number	(386)236-2150	Ext.			
14.	Re	cipient Contact	Information				
		Organization	Town of Ponce Inlet				
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	<ul> <li>b. Municipality and County Volusia</li> <li>c. Organization Type</li> </ul>						
	υ.	-					
		<ul><li>For-profit E</li><li>Non-Profit 5</li></ul>	-				
		O Non-Profit 5					
		Local Entity	,				
		<ul> <li>University c</li> </ul>	or College				
		Other (plea	se specify)				
	d.	First Name	Jeaneen	Last Name	Witt		
	e.	E-mail Address j	witt@ponce-inlet.org				
	f.	Phone Number	(386)2362150				
4 -							
15.		obbyist Contact I	nformation				
	a.	Name	None				
	b.	Firm Name	None				
	c.	E-mail Address					
	d.	Phone Number		Ext.			



### Please complete the questions below for Water Projects only.



19. What percentage of the construction has been completed?

0%

20. What is the estimated completion date of construction?

6/30/2021

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