



Brevard County Board of County Commissioners

2725 Judge Fran Jamieson
Way
Viera, FL 32940

Legislation Text

File #: 1543, **Version:** 1

Subject:

Approval of Resolution granting the County Manager of Brevard County, Florida authorization to: submit an application to the Florida Department of Environmental Protection for financial assistance under the State Revolving Fund Program for the West Cocoa Wastewater Improvements Project; provide assurances; execute the loan agreement; and represent the County in carrying out responsibilities under the loan agreement.

Fiscal Impact:

The estimated construction cost of Phase 1 is \$3,102,900. The S R F loan will cover construction costs and require up to a 20-year payback period. The current rate of interest on an S R F loan is approximately 1%. Completion of all phases of this project is anticipated to cost approximately \$10,940,700. Funding is currently being requested for Phase 1 only. Any required budget changes will be processed after Board and State approval of this loan application.

Dept/Office:

Utility Services

Requested Action:

It is requested that the Board approve a Resolution granting the County Manager authorization to submit an application to the Florida Department of Environmental Protection for financial assistance under the State Revolving Fund Program for the West Cocoa Wastewater Improvements Project, (project #WW05117)) as well as to provide assurances, execute the loan agreement, and represent the County in carrying out responsibilities under the loan agreement. It is also requested that the Board authorize the budget changes necessary to implement this project.

Summary Explanation and Background:

The West Cocoa Wastewater Improvements Project consists of improvements to Brevard County's West Cocoa wastewater collection and transmission system including lift stations, force mains, and gravity mains which are aging infrastructure that require rehabilitation and/or replacement. Several of the existing lift stations were originally privately-owned and are now owned and maintained by the Brevard County Utility Services Department (BCUSD). Many of these lift stations are not in compliance with current Brevard County wastewater design standards since they were initially constructed and maintained as private facilities. Additionally, portions of force mains within this system include asbestos cement pipe (ACP). ACP pipe material is fragile, which increases the risk of pipe breaks in the system. ACP requires special procedures and equipment which make it difficult to repair in the event of failure. Furthermore, portions of gravity mains associated with this system include vitrified clay pipe (VCP) which is susceptible to cracking and general deterioration.

The proposal for completion of all West Cocoa lift station work as outlined in the West Cocoa Wastewater

Improvements Facilities Plan estimates the total cost of this project to be \$10,940,700. At this time, the department is recommending that the Board approve an S R F funding request for Phase 1 of this project. Phase 1 will include the replacement of lift station W-09, the rehabilitation of lift station W-22, the replacement of associated gravity sewer lines, manholes and force mains, and paving and restoration. This phase has an estimated cost of \$3,102,900. Phase 1 must be completed before the other recommended work to this system can be completed.

The Utility Services Department has contracted with Infrastructure Solution Services, LLC to design the project, assist with the process of obtaining funding from the Florida Department of Environmental Protection managed Clean Water State Revolving Fund Program and provide construction support. This funding option affords the Department the opportunity to secure lower interest rates and substantial savings in the financing of the West Cocoa Wastewater Improvement Project. The estimated S R F interest rate is approximately 1%.

This resolution has been reviewed and approved by the County Attorney's Office.

Clerk to the Board Instructions:

E-mail Clerk Memo to Rose.lyons@brevardfl.gov <<mailto:Rose.lyons@brevardfl.gov>> and mail original to Utility Services, attention Rose Lyons.