



Brevard County Board of County Commissioners

2725 Judge Fran Jamieson
Way
Viera, FL 32940

Legislation Text

File #: 1500, **Version:** 1

Subject:

Public Hearing to Consider Approval of Resolution for Adoption of State Revolving Fund (SRF) Fund #WW05117 Wastewater Facility Plan for the West Cocoa Wastewater Improvements required by the Florida Department of Environmental Protection (Districts 1)

Fiscal Impact:

The estimated 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%.

Dept/Office:

Utility Service

Requested Action:

It is requested that the Board of County Commissioners conduct a public hearing for approval of a resolution adopting the State Revolving Fund #WW05117 Wastewater Facility Plan for the West Cocoa Wastewater Improvements

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.

This resolution has been reviewed and approved by the County Attorney's Office and advertised in Florida Today on April 23, 2020

Clerk to the Board Instructions:

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