



THE CITY OF KEY WEST

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EXECUTIVE SUMMARY

Date: February 24th, 2020

To: Greg Veliz, City Manager

From: John Paul Castro, Director of Utilities

Cc: Patti McLaughlin, Assistant City Manager

Subject: Interlocal Agreement with Monroe County BOCC for the Connection and Use of the City's Dennis St. Stormwater Pump Station

Action Statement

Requesting the City Commission enter into an interlocal agreement with the Monroe County Board of County Commissioners to allow the county road, Bertha St., stormwater system to connect into the Dennis St. stormwater pump station for a proportionate capital and operating fee.

Background

The utilities department operates the stormwater capital plan from the 2012 stormwater master plan. That master plan was initiated by a city-wide assessment of stormwater modeling and elevations. The plan consists of capital projects that improve low lying basins throughout the city.

Dennis St. and Venetia St. intersection next to the high school is one of the projects in the master plan. This low point has been known to stage water a foot or more. The flooding in the area disrupts traffic, school buses, and pedestrians as well as damages property. The city designed and bid a new pump station for the intersection in 2019. The project was awarded in February 2020 to the low bidder Charley Toppino and Sons, Inc.

Purpose and Justification

Monroe County owns First St. and Bertha St. in Key West. The roads have reached the end of their useful life and the county began designing the restoration of those roads in 2019. When the sea level rise and stormwater component of the project was considered it the initial design components considered an outfall structure to the Atlantic. This would be difficult to install due to elevation and conflicts.

MEMORANDUM

City staff sent the neighboring projects, Patricia and Ashby piping and Dennis St. pump station for the county designer to use in the stormwater modeling.

Considering the difficulties of discharging stormwater with the county's property limitations and the neighboring pump station location the parties started to work on connecting the county road into the city pump station. Due to the staging differences in the two areas there was no need to redesign the pump station. The pump station will improve the discharge of stormwater for both areas and help negate the effects of sea level rise that would reduce a gravity systems effectiveness.

The city hired Raftelis through task order to assist in the calculations for appropriate proportionate charges and methodology. The city and county staff agreed on a simple percentage based on design flow. The county flow of the pump station is 35.9%.

The draft agreement was sent to the BOCC on February 19th where it was approved.

The county has agreed to pay 35.9% of the pump station capital cost which totals \$739,759. The county will also pay operating and maintenance fees of 35.9% of actual cost on an annual basis and 35.9% of repair and replacement costs.

Financial

The city stormwater fund will be reimbursed by Monroe County at 35.9% of design and construction cost estimated at \$739,759 and 35.9% of annual operating and maintenance costs.

Recommendation

City staff recommends approving the agreement with Monroe County for the improved stormwater collection and disposal on Bertha St.