


**MEMORANDUM**

To: Emerald Coast Utilities Authority Board

Through: J. Bruce Woody, P.E., M.P.A. 
Executive Director

From: Stacy Hayden, P.E. 
Director of Engineering

Wendy Gavin, P.E. 
Manager of Wastewater Infrastructure

Date: November 17, 2020

Subject: CIP Project RI803 Guillemard Sewer Trunk Main Replacement - Emergency Work and Contract Award Notification

The Emerald Coast Utilities Authority (ECUA) Engineering Department staff originally began design of this project to correct what was believed to be a minor defect in the 42-inch diameter Guillemard Trunk Main. During design, a small depression formed around the area in question and notification of emergency action was provided to the Board on April 28, 2020 to facilitate bypassing of the sewer system and rehabilitate a short section of pipe. The design to address the overall impacted area continued parallel to the aforementioned actions being taken to address immediate concerns with the depression. The project to address other portions of the adjacent collection system was included with the Water and Wastewater Capital Improvements that the Board approved on July 28, 2020. The original intent was to advertise and obtain bids for the project through ECUA's normal process. However, even more damage was sustained to the surrounding area as a result of Hurricane Sally negating the bid process in order to protect health and life safety.

After Hurricane Sally, and at ECUA's direction, Utility Services Company, Inc. (USCO), mobilized and took emergency precautionary measures to secure the site, including the use of sheet piling to prevent further damage to the pipe and surrounding area. In addition, multiple bypass pumps were installed to significantly reduce the potential for a major sanitary sewer overflow (SSO) with an order of magnitude of 8-10 million gallons of sewage per day, should the pipe collapse completely. The emergency response portion of the work is currently estimated at \$500,000. The sheer volume of wastewater flow coupled with other factors such as a nearby railroad, depth of the trunk main, and limited detour routes, adds to the complexity and response speed of this project.

Due to health and life safety concerns and potential risk to ECUA's infrastructure, we directed USCO to take emergency precautionary measures on September 23, 2020 while a proposal for the permanent repair could be developed. USCO recently provided a cost proposal based on staff's design for permanent repairs in the approximate amount of \$2,600,000, which upon our review seems fair and reasonable given the number of complicating factors and construction challenges. Subsequently, an emergency purchase order (EPO) was issued on November 11, 2020. Funds are available to supplement the existing budget of \$642,733.52 through a budget transfer in the amount of \$2,000,000 from CIP Project RI700 - Infiltration and Inflow to CIP Project RI803 - Guillemard Sewer Trunk Main Replacement.

The contractor, USCO, performs numerous contracts each year for ECUA that are competitively bid, is in good standing, and is a subcontractor for one of ECUA's annual contracts. A careful review of USCO's proposal indicates that all quantities are priced consistent with customary bid pricing for local utility construction of this magnitude and compact timeline.

This notification of emergency purchase is given as required by Section 13-2, paragraph (b) (3) of the *ECUA Code* and action by the Board is not required.