

**Indian River County, Florida
Department of Utility Services
Board Memorandum**

Date: March 7, 2024

To: Indian River County Board of County Commissioners

Through: John A. Titkanich, Jr., County Administrator
Sean C. Lieske, Director of Utility Services

From: Howard G. Richards, PE, Manager – Capital Projects

Subject: Florida Department of Transportation Utility Work by Highway Contractor Agreement for County Road 512 Widening Project from East Of Interstate-95 To West Of 106th Avenue, FDOT Financial Project ID: 449332-1

Descriptions and Conditions:

The Florida Department of Transportation (FDOT) is improving the eastbound (EB) turning lane on County Road 512 (CR 512) from east of Interstate 95 (I-95) to West of 106th Avenue (Project). The Project is identified by the FDOT Financial Project ID, 449332-1. Indian River County Department of Utility Services (IRCDUS) owns and operates a sewer force main within the Project corridor that will incur conflicts with the roadway widening. The force main carries wastewater delivered from Fellsmere that makes its way to the Central Wastewater Treatment Facility.

FDOT has made provisions in their construction plans to address the utilities conflict with the Project. IRCDUS staff have reviewed the plans and concur with the design. Staff have also determined that it is advantageous to incorporate the utilities modifications into the FDOT's contractor work. IRCDUS received the attached Utility Work by Highway Contractor Agreement (UWHCA) with FDOT for approval.

Analysis:

FDOT's initial estimate of the cost of the utility work is \$12,880.00. The UWHCA requires this amount payable to FDOT plus 2% for incremental costs for the utility work, including mobilization of equipment, additional maintenance of traffic, administrative costs of field work, tabulation of quantities, final estimate processing and project accounting; plus 10% for a contingency fund to be used for changes to the utility work during the construction. The total amount to FDOT, with the 12% markup, is \$14,425.60.

IRCDUS proposes an additional 10% contingency reserve, or \$1,443.00 based on recent utility work experience on an UWHCA project with FDOT. This additional contingency reserve will be retained by IRCDUS for the sole purpose of covering cost escalations over and above the FDOT initial cost estimate plus markup. The total working budget for the Project is \$15,868.60.

Consent Item

Funding:

Funds, in the amount of \$15,868.60 will be made available for this project and are derived from the Utilities/WW Collection/R&R/UWHCA 2024 – Sewer Collection account number 47126836-044699-23552, in the Utilities operating fund. The Utilities operating fund budget is derived from water and sewer revenues.

Description	Account Number	Amount
Utilities Fund/WW Collection/R&R/UWHCA 2024 – Sewer Collection	47126836-044699-23552	\$15,868.60

Recommendation:

Staff recommends that the Indian River County Board of County Commissioners approve the Utility Work by Highway Contractor Agreement with the Florida Department of Transportation for utilities work related to County Road 512 Widening Project from East of Interstate-95 to West of 106th Avenue, FDOT Financial Project ID: 449332-1, and the budget of \$15,868.60 with \$14,425.60 payable to Florida Department of Transportation and \$1,443.00 retained by Indian River County Department of Utility Services for cost escalations, and authorize the Chair to execute the same. So long as there are no changes in the approved dollar amounts, staff are directed to make payments to the Florida Department of Transportation.

Attachments:

Utility Work Agreement