

**INDIAN RIVER COUNTY, FLORIDA
MEMORANDUM**

TO: Jason E. Brown, County Administrator

THROUGH: Richard B. Szpyrka, P.E., Public Works Director

FROM: James W. Ennis, P.E., Asst. Public Works Director

SUBJECT: **Work Order No. 33, Kimley-Horn and Associates, Inc.**
43rd Avenue Bridge Replacement Over S. Relief Canal (IRC-2014)

DATE: July 27, 2020

DESCRIPTION AND CONDITIONS

On April 17, 2018, the Board of County Commissioners approved the Continuing Consulting Engineering Service Agreement for Professional Services with Kimley-Horn and Associates, Inc.

The purpose of Work Order No. 33 is to provide survey, geotechnical, structural and roadway design and permitting services to replace the functionally obsolete bridge, originally constructed in 1951, that currently exists over the 43rd Ave Bridge over Indian River Farms Water Control District South Relief Canal. The existing structure does not currently have any shoulders which does not allow for safe pedestrian crossing.

The replacement bridge will be designed to accommodate a 3-lane roadway section with 8-foot shoulders along with an 8-foot sidewalk. Additionally, the new bridge will be designed to allow for future expansion to a configuration that accommodates a 5-lane roadway with shoulders and sidewalk.

Work Order No. 33 is for a total lump sum amount of \$166,405.00.

FUNDING

Funding is budgeted and available in Optional Sales Tax/43rd Avenue Bridge Over South Relief Canal account. The potential to fund a portion of this project with Traffic Impact Fees will be reevaluated when the 20/21 Capital Improvement Element is formulated.

| Account Name | Account Number | Amount |
|---|-----------------------|--------------|
| Optional Sales Tax/43 rd Ave Bridge Over South Canal | 31521441-066510-20041 | \$166,405.00 |

RECOMMENDATION

Staff recommends approval of Work Order No. 33 to Kimley-Horn and Associates, Inc., authorizing the professional services as outlined in the Scope of Services and requests the Board authorize the Chairman to execute Work Order No. 33 on their behalf for a lump sum amount of \$166,405.00.

ATTACHMENTS

Work Order No. 33

AGENDA ITEM FOR AUGUST 18, 2020