

**INDIAN RIVER COUNTY, FLORIDA  
BOARD MEMORANDUM**

**CONSENT**

**TO:** Jason E. Brown, County Administrator  
**THROUGH:** Richard B. Szpyrka, P.E., Public Works Director  
**THROUGH:** Eric Charest, Natural Resources Manager  
**SUBJECT:** Post Hurricane Ian Beach Profile Surveys  
**DATE:** October 4, 2022

**DESCRIPTION AND CONDITIONS**

On October 4, 2022, the Board of County Commissioners (BCC) approved a contract with Morgan and Eklund, Inc. (M&E) for Professional Land Surveying and Mapping Services for a two-year term. M&E is the selected County Consultant for professional onshore/offshore hydrographic surveying services.

Hurricane Ian passed to the west of Indian River County on September 28, 2022 before exiting the state through Brevard County to our north. Although the County was spared a direct hit from Hurricane Ian, the storm had significant impacts in the form of beach and dune erosion on much of the County’s beaches. After exiting the state, Hurricane Ian continued to stir up high surf as it made its’ way up the Atlantic coastline towards South Carolina. The increased wave activity and high surf created by Hurricane Ian in the Atlantic Ocean caused varying amounts of erosion to occur throughout the County’s beaches, including areas where significant dune retreat was observed.

The proposed Work Order No. 1 from M&E provides post Hurricane Ian beach profile surveys (Onshore/Offshore) that are necessary to quantify the dune/beach erosion impacts to our County. The results of the survey will also be offered to the Florida Department of Environmental Protection and Federal agencies as documentation of losses if beach recovery funding becomes available.

Work Order No. 1 totals \$60,000.00.

**FUNDING**

Funding for this expenditure will be from the Other Professional Services – Hurricane Ian #DR4673, Account # 12814472-033190-22601.

Account Name	Account No.	Amount
Beach Restoration Fund/Other Professional Services/ Hurricane Ian #DR-4673	12814472-033190-22601	\$60,000.00

**RECOMMENDATION**

The recommendation of staff is for the BCC to approve Work Order No. 1 to the Professional Land Surveying and Mapping Services contract with Morgan and Eklund, Inc., in the amount of \$60,000.00 and authorize the Chairman to sign the Work Order on behalf of the County.

**ATTACHMENTS**

1. Morgan and Eklund Post-Hurricane Ian WO No. 1
2. Work Order No. 1 Agreement Execution

**APPROVED AGENDA ITEM FOR: October 11, 2022**