



**INDIAN RIVER COUNTY, FLORIDA**  
**AGENDA ITEM**  
**Parks, Recreation & Conservation Department**  
**Parks Division**

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**Date:** July 25, 2024  
**To:** The Honorable Board of County Commissioners  
**Thru:** John A. Titkanich, Jr., County Administrator  
Michael C. Zito, Deputy County Administrator  
Beth Powell, Parks, Recreation & Conservation Director  
**From:** Joseph Tilton, Recreation Manager  
**Subject:** Work Order Number 4 - Amendment 1, Dune Crossover Replacement of Two Dune Crossover Structures and One Dune Crossover Ramp Repair at the Tracking Station Beach Access

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**BACKGROUND:**

In 2022 hurricanes Nicole and Ian caused damage to two dune cross-over structures and one crossover ramp at the Tracking Station Beach Access. Staff requested a proposal from Coastal Waterways Design & Engineering LLC to complete the work required to restore the use of the dune crossovers.

On April 17, 2018, the Board of County Commissioners approved Continuing Consulting Engineering Services Agreements for RFQ 2018008 between Indian River County and Coastal Waterways Design & Engineering LLC. On May 18, 2021, Renewal and Amendment No. 1 were executed for continuing engineering services.

On February 21, 2023, the Board approved Work Order Number 4 for Coastal Waterways LLC to provide for the design, engineering, permitting assistance, and construction administration for replacing two dune cross-over structures and repairing one dune crossover ramp at Tracking Station Beach Access.

**DESCRIPTION AND CONDITIONS:**

The consultant completed the necessary design work for replacement and repair of the damaged boardwalks. After consultation with the engineer, FEMA, and the County Building Department, it was determined that for resiliency and cost effectiveness, the north and middle dune crossovers would be better served if they were replaced with stairs, instead of the switchbacks that were originally in place. Work Order 4 Amendment 1 is proposed to provide the redesign and engineering services necessary for the north and middle dune crossovers.

**FUNDING:**

Funding for Work Order Number 4 Amendment 1 is budgeted and available in the MSTU Fund/Beach Parks/Other Contractual Services/Hurricane Ian account number 00411672-033490-22601, in the amount of \$1,100.00, and in the MSTU Fund/Beach Parks/Other Contractual Services/Subtropical Storm Nicole account number 00411672-033490-23007, in the amount of

\$3,900.00, for a total Work Order amendment cost of \$5,000.00. The funding sources are divided between both storms based on an estimated allocation for each storm. The funding allocation is subject to change upon acceptance of the final beach survey reports.

Account Description	Account Number	Amount
MSTU Fund/Beach Parks/Other Contractual Services/Hurricane Ian	00411672-033490-22601	\$1,100.00
MSTU Fund/Beach Parks/Other Contractual Services/Subtropical Storm Nicole	00411672-033490-23007	\$3,900.00

**RECOMMENDATION:**

Staff respectfully requests the Chairman approve Work Order 4 Amendment 1, Coastal Waterways Design & Engineering, LLC Continuing Engineering Services RFQ2010008- Dune Crossover Replacement of Two Dune Crossover Structures and One Dune Crossover Ramp Repair at Tracking Station Beach Access, and the County Administrator execute Work Order 4 Amendment 1 under the signing authority granted by the Board of County Commissioners at the July 2, 2024 BCC meeting, and after review and approval by the County Attorney.

**ATTACHMENTS:**

Work Order 4 Amendment 1, Coastal Waterways Design & Engineering LLC Continuing Engineering Services RFQ2010008- Dune Crossover Replacement of Two Dune Crossover Structures and One Dune Crossover Ramp Repair at Tracking Station Beach Access

**DISTRIBUTION:**

Coastal Waterways Design & Engineering, LLC

**APPROVED AGENDA ITEM FOR AUGUST 20, 2024.**