

**INDIAN RIVER COUNTY, FLORIDA  
MEMORANDUM**

**TO:** Board of County Commissioners

**THROUGH:** John A. Titkanich, Jr., County Administrator

**THROUGH:** Kylie Yanchula, Natural Resources Director

**FROM:** Eric Charest, Assistant Natural Resources Director

**SUBJECT:** Release of Retainage for Sector 3 Hurricanes Ian and Nicole Dune Renourishment Project (IRC-2315)

**DATE:** June 11, 2024

**DESCRIPTION AND CONDITIONS**

On November 7, 2023, the Board of County Commissioners awarded Bid No. 2024004 to Dickerson Infrastructure Inc., dba Dickerson Florida Inc., in the amount of \$13,078,244.36 for the Sector 3 Beach Hurricanes Ian and Nicole Dune Renourishment Project (Project) (IRC-2315). Due to erosional impacts observed from Hurricanes Ian and Nicole in late 2022 triggering the need for dune renourishment along Sector 3, the Project was designed to place approximately 274,368 cubic yards (cy) of beach compatible fill and install approximately 728,633 native salt tolerant dune plants along the 6.6 miles of Sector 3 coastline from Florida Department of Environmental Protection (FDEP) Coastal Range Monument R-20 to R-55 (south of the Seaview subdivision in the north to just south of the Turtle Trail Beach Access).

Construction for the Project commenced on December 1, 2023, and ran through April 10, 2024, when on-beach construction was determined to be substantially complete.

Change Order No. 1 executed on March 1, 2024, authorized a 21-day extension to the terms of the contract due to significant weather events making on-beach construction activities not possible for multiple days. Due to the contractor's diligent efforts in completing the Project prior to sea turtle nesting season halting on-beach construction, the granted 21-day extension was not utilized.

Change Order No. 2, executed on June 11, 2024, accounts for decreases in contracted amounts of sand delivered/placed due to changing conditions on the beach throughout the duration of construction. Placement surveys performed on the completed project area showed that 223,040.09 cy of the 274,368 cy approved for Bid No. 2024004 was needed to complete Sector 3 Hurricanes Ian and Nicole Dune Renourishment construction. Change Order No. 2 decreases the amount of sand by 51,327.9 cy (a reduction of \$2,001,788.49) and decreases the Force Account by \$1,485,031.87, resulting in lowering the completed final project cost to \$9,591,424.00.

Construction of the Sector 3 Hurricanes Ian and Nicole Dune Restoration Project has since been deemed complete by the County and contracted Engineer, Aptim Environmental &

Infrastructure, LLC (APTIM). Certification of project completion, a requirement under the permits issued for the Project, have been submitted by APTIM to the FDEP and the United States Army Corps of Engineers providing verification that construction activities complied with all permit requirements.

The warranty period for dune plants installed within the past 90 days remains in effect and those plants will continue to be monitored for survival and growth requirements until the end of the 90-day warranty period.

Dickerson Florida, Inc., has been paid \$9,111,852.80 to date, with \$479,571.20 held in retainage. Dickerson Florida, Inc., has submitted Contractor’s Application for Payment No. 2315-6 for release of retainage in the amount of \$479,571.20.

Local Funding for the Sector 3 Hurricanes Ian and Nicole Dune Renourishment Project is provided by a portion of Local Option Tourist Tax, FEMA Project Worksheets, and Local Government Funding Request Grant 23IR2. Additional State cost-share funding may be made available under a LGFR Application currently under review for award by the FDEP.

**FUNDING**

Funding, in the amount of \$105,505.67, will come from the Coastal Engineering Fund/Retainage-Dickerson Infrastructure/Hurricane Ian account, number 128-206000-22601, along with \$374,065.53 from the Coastal Engineering Fund/Retainage-Dickerson Infrastructure/Hurricane Nicole account, number 128-206000-23007, for a total amount of \$479,571.20.

<b>Account Name</b>	<b>Account Number</b>	<b>Amount</b>
Beach Restoration/Retainage-Dickerson Florida, Inc.	128-206000-22601	\$105,505.67
Beach Restoration/Retainage-Dickerson Florida, Inc.	128-206000-23007	\$374,065.53
<b>Total Retainage to Release</b>		<b>\$479,571.20</b>

**RECOMMENDATION**

Staff recommends release and payment of Contractor’s retainage in the amount of \$479,571.20.

**ATTACHMENTS**

Sector 3 Pay App No. 2315-6  
Change Order No. 2315-2

**APPROVED AGENDA ITEM FOR July 2, 2024**