



**AGENDA MEMORANDUM**  
**Department**

*Natural Resources*

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**City Council Regular Meeting Date: June 2, 2026**

**To:** City Council  
**From:** Holly Milbrandt, Natural Resources Director  
**Date:** May 20, 2025

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**SUBJECT:** 2026 Island-Wide Beach Monitoring Survey & Assessment and required Post-Construction Reporting for completed beach renourishments at Lighthouse Beach Park, North Sanibel, and Clam Bayou.

**BACKGROUND:**

In accordance with Professional Services Contract PW24-006 with the City of Sanibel, Humiston & Moore Engineers (H&M) has provided a Scope of Work to conduct the 2026 Island Wide Beach Monitoring Survey & Assessment and to provide continued technical support and project management of the City of Sanibel's beach renourishment projects to maintain compliance with the City's state and federal permits. The complete Scope of Work is provided as an attachment to the agenda.

**Tasks A & B**

***2026 Island Wide Beach and Offshore Monitoring Survey, Engineering Analysis, & Reporting***

Since 1992, the City has contracted for a survey of its beaches to monitor the shoreline and identify changes and trends in beach erosion. The area surveyed includes the entire Gulf shoreline and the eastern third of the Bay shoreline. This program is critical for beach maintenance and for potential funding of any beach damaged during hurricanes or other natural disasters. The 2026 survey scope will involve both onshore (beach) and offshore (up to 3,000 feet out) measurements along with the necessary data analysis to document shoreline changes since the previous annual survey.

**Tasks C & D**

***Engineering analysis and monitoring reports for complete beach renourishment projects at Lighthouse Beach Park and North Sanibel***

State and federal permits require post-construction monitoring annually for 3 years. Survey data collected in Task A will be analyzed to determine shoreline and volumetric changes since construction and to evaluate beach fill performance.

**Task E**

***Technical support and permitting for State DEP Clam Bayou Dune Recovery Project***

Concurrent with projects in 2024 and 2025 to recover overwash sand from Clam Bayou, H&M has provided technical assistance to the City in order to obtain a 15-year Joint Coastal Permit

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(JCP) from FDEP. Once issued, this permit will allow the City to perform future sand recovery operations at Clam Bayou.

The City received notification of FDEP’s intent to issue on 4/14/2026 and the 14-day public petition period was published on 5/4/2026. If no petition is filed, the permit should be issued shortly thereafter. This task provides funding on a time and materials basis for H&M to continue to provide technical support as needed for permit issuance and reporting requirements.

**FUNDING SOURCE:**

Task	Description	Amount	Funding Amount	Funding Source
Task A	2026 Island Wide Beach and Offshore Monitoring Survey	\$ 89,548.00		
Task B	Engineering analysis and monitoring report for 2026 Island-wide monitoring	\$ 28,907.00		
<b>SUBTOTAL TASKS A &amp; B</b>		<b>\$118,455.00</b>	\$ 50,000.00	TDC
			\$ 50,000.00	PW Beach Parking
			\$ 18,455.00	NR Beach Parking
Task C	Engineering analysis and monitoring report for 2024 Sanibel Lighthouse Beach Project	\$ 10,973.00	\$ 10,973.00	
Task D	Engineering analysis and monitoring report for 2025 North Sanibel Beach Project	\$ 26,018.00	\$ 26,018.00	
Task E	Technical support and permitting for State DEP Clam Bayou Dune Recovery Project	\$ 5,445.00	\$ 5,445.00	
<b>SUBTOTAL TASKS C,D &amp; E</b>		<b>\$ 42,436.00</b>		FDEP Grant 23LE5
<b>TOTAL</b>		<b>\$160,891.00</b>		

**RECOMMENDED ACTION:**

Motion to approve the scope of work proposal from Humiston & Moore Engineers, P.A. for the 2026 Island-Wide Beach Monitoring Survey & Assessment project and required post-construction reporting for completed beach renourishments at Lighthouse Beach Park, North Sanibel, and Clam Bayou in the amount of \$160,891 and authorize the City Manager to execute the agreement.

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