

SCOPE OF WORK
2026 Survey & Assessment
Island-Wide Beach Monitoring and Technical Support
Humiston & Moore Engineers

May 8, 2026

This Scope of Work is submitted in accordance with Professional Services Contract PW24-006 with the City of Sanibel and Humiston & Moore Engineers, P.A. The Scope of Work is to provide continued technical support and project management of the City of Sanibel’s beach nourishment projects in accordance with the City’s state and federal permits and long-term state permit at Clam Bayou.

The following Tasks will be provided consistent with our discussions of on-going needs for 2026 along Sanibel’s beaches. The project areas are listed below in 5 tasks. LS refers to Lump Sum and T&M refers to Time and Materials.

Task A 2026 Island Wide Beach and Offshore Monitoring Survey:

Humiston & Moore Engineers (H&M) will coordinate with subconsultant Sea Diversified, Inc. (SDI) and collect and process updated beach profile data for purposes of evaluating relative beach conditions in terms of volumetric and shoreline change information. The data will be used to update the 2025 H&M report and continue the ongoing long-term beach and offshore monitoring program.

Similar to the prior survey conducted by SDI earlier in 2025, the survey shall include one hundred and twenty-seven (127) beach profiles encompassing both onshore and offshore data collection with data processing and deliverables outlined, herein. As part of the survey, SDI shall map the approximate Mean High Water line along the south shore of Blind Pass and along the shoreline in proximity to Lighthouse Park. The scope of survey shall also include onshore and offshore data collection at the new location between the pier and profile control point Bay 1, described as R-174.5 (azimuth due east). Additionally, SDI shall extend upland profile data collection from R-112 through R-114 across the bayou to the east shoreline encompassing five (5) extended profiles (R-112, R-112.5, R-113, R-113.5 R-114). Survey protocol will be consistent with 2025 survey. Upland data collection, as required to map the spit that formed at Blid Pass, currently closed. Onshore and offshore data to include R-172.5 and R-173.5.

Deliverable: An electronic copy of the beach profiles x,y,z, data, comparative plots with 2025 data, and surveyor’s certification meeting DEP beach monitoring protocol.

Total Task A \$89,548 LS

Task B Engineering analysis and monitoring report for 2026 Island-wide monitoring.

Conduct shoreline and volumetric change analysis of Gulf and Bayside beaches monitored under the Scope in Task A. The report will provide an assessment of changes since 2024 Hurricane season in terms of regional sand budget and beach recovery,

Deliverable: An electronic copy of Report, (Due Date: 09/30/2026).

Task B Subtotal, Data analysis to quantify Island-Wide shoreline and volumetric change since 2025 and since prior to 2024 Hurricane season. (Due Date: 09/30/2026).....\$28,907 LS

Task C Engineering analysis and monitoring report for 2024 Sanibel Lighthouse Beach Project.

Conduct shoreline and volumetric change analysis of Sanibel Lighthouse Beach Project constructed in 2024. The report will provide an annual assessment of shoreline and volumetric changes since construction, evaluation of beach fill performance for compliance with state and federal permit requirements and DEP approved Physical Monitoring Plan. Environmental monitoring data will be provided by City staff. (ref. state JCP permit: 0281083-003-JC which expires 11/19/2039 and federal USACE permit SAJ-2007-05213 (SP-CCK) which expires 12/06/2039)

Deliverable: An electronic copy of Report.

Task C First Annual Post Construction Monitoring Plan. Subtotal, Data analysis to satisfy physical monitoring requirements of Sanibel Lighthouse Beach Project (Due Date: 09/30/2026)..\$10,973 LS

Task D Engineering analysis and monitoring report for 2025 North Sanibel Beach Project.

Conduct shoreline and volumetric change analysis of North Sanibel Beach Project constructed in 2025. The reports to be provided will include a post construction report and the first annual report. Reports and analyses will include assessment of shoreline and volumetric changes since construction, evaluation of beach fill performance for compliance with state and federal permit requirements and DEP approved Physical Monitoring Plan. Environmental monitoring data will be provided by City staff. (ref. state JCP permit: 0200269-009-JC which expires 12/11/2029 and federal USACE permit SAJ-1994-03952 (SP-MMB) which expires 12/09/2030)

Deliverable: An electronic copy of Reports.

Task D1 Post Construction Monitoring Report #1 Subtotal, Data analysis to satisfy physical monitoring requirements of the North Sanibel Beach Project (Due Date: 4/31/2026).....\$10,825 LS

Task D2 First Annual Post Construction Monitoring Report #2 Subtotal, Data analysis to satisfy physical monitoring requirements of the North Sanibel Beach Project (Due Date: 09/30/2026).\$15,193 LS

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

Respond to all DEP requests for additional information for the processing of the state JCP 15-year permit. (ref. 0455605-001-JC) Review permit and all reporting and notice requirements. This allows for follow up as needed in case of overwash in 2026.

Deliverable: An electronic copy of JCP Permit.

Total Task E \$5,445 T&M

Total Tasks A thru E \$160,891.00

Scope of Work for 2026 Survey & Assessment Island-Wide Beach Monitoring and Technical Support by Humiston & Moore Engineers dated May 8, 2026:

CITY OF SANIBEL

HUMISTON & MOORE ENGINEERS

By: Dana Souza
Title: City Manager

By: _____
Title: _____

Date: _____

Date: _____

ATTEST

City Clerk

Approved as to form: _____
John D. Agnew, City Attorney

Date: _____

Sanibel Island
2026 Beach Monitoring Service

Estimated Summary

Date: April 23, 2026

SUMMARY BREAKDOWN BY TASK / SUBTASK												H&M	Sub	
Task A	Sanibel Beach Island Wide	127 profiles +			LS	\$ 89,548.00						\$6,898	\$ 82,650.00	
Task B	Island-Wide Data Analysis & Report				LS	\$ 28,907.00						\$28,907	0	
Task C	Lighthouse Beach Data Analysis & 12-mo. Monitoring Report				LS	\$ 10,973.00						\$10,973	0	
Task D.1	North Sanibel Data Analysis & Post Construction Report				LS	\$ 10,825.00						\$10,825	0	
Task D.2	North Sanibel Data Analysis & 12-month Monitoring Report				LS	\$ 15,193.00						\$15,193	0	
Task E	Permitting 15-yr JCP Permit Clam Bayou Dune Recovery				T&M	\$ 5,445.00						\$5,445	0	
												\$160,891.00	\$ 78,241.00	\$82,650.00
A1	Sea Diversified Survey											\$ 82,650.00	(LS)	
A1 & B	H&M											\$ 78,241.00	(LS & TM)	
Task B	Title		Rate	Hours										
PRN2	Principle		\$238	56								\$ 13,328.00		
SEN	Senior Engineer		\$185	19								\$ 3,515.00		
PJTM	Project Manager		\$175	90								\$ 15,750.00		
SDS	Senior Engineer		\$152	122								\$ 18,544.00		
SIN	Scientist/Geologist		\$115	74								\$ 8,510.00		
SIN	Engineer II		\$110	0								\$ -		
SRT	Senior Technician		\$102	178								\$ 18,156.00		
INS	Engineer I		\$95	0								\$ -		
TEC	Administrative		\$73	6								\$ 438.00		
	Humiston & Moore Engineers											\$ 78,241.00	(LS & TM)	
	SDI											\$ 82,650.00		
	TOTAL											\$160,891.00		

Sanibel Island 2026 Beach Monitoring
Island Wide, North Sanibel, Sanibel Lighthouse, Clam Bayou

H Project 27-008

						Date: April 23, 2026		
Task B Engineering analysis and monitoring report for 2026 Island-wide monitoring								
Task B Island-Wide Data Analysis & Report						H&M	\$28,907	
TASK B			RATE/UNIT	HOURS/QTY	COST	MARKUP	AMOUNT	
PRN2	Principle		238.0	18			4,284.00	
SEN	Senior Engineer		185.0	10			1,850.00	
PJTM	Project Manager		175.0	60			10,500.00	
SENG	Senior Engineer		152.0	40			6,080.00	
SIN	Scientist/Geologist		115.0	0			0.00	
ENGI	Engineer II		110.0	0			0.00	
SRT	Senior Technician		102.0	60			6,120.00	
ENGI	Engineer I		95.0	0			0.00	(LS)
ADM	Administrative		73.0	1			73.00	\$28,907

Date: April 23, 2026

Task C Engineering analysis & monitoring report for 2024 Lighthouse Beach Project

Task C Lighthouse Beach Data Analysis & 12-mo.Monitoring Reprc H&M \$10,973

TASK C			RATE/UNIT	HOURS/QTY	COST	MARKUP	AMOUNT
PRN2	Principle		238.0	8			1,904.00
SEN	Senior Engineer		185.0	2			370.00
PJTM	Project Manager		175.0	10			1,750.00
SENG	Senior Engineer		152.0	14			2,128.00
SIN	Scientist/Geologist		115.0	20			2,300.00
ENGI	Engineer II		110.0	0			0.00
SRT	Senior Technician		102.0	24			2,448.00
ENGI	Engineer I		95.0	0			0.00
ADM	Administrative		73.0	1			73.00

(LS)
\$10,973

Total \$10,973 (LS)

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Date: April 23, 2026

Task D Engineering analysis and monitoring report for 2025 North Sanibel Beach Project

Task D.1 North Sanibel Data Analysis & Post Construction Report H&M \$10,825
 Task D.2 North Sanibel Data Analysis & 12-month Monitoring Rep H&M \$15,193

TASK D.1			RATE/UNIT	HOURS/QTY	COST	MARKUP	AMOUNT
PRN2	Principle		238.0	8			1,904.00
SEN	Senior Engineer		185.0	2			370.00
PJTM	Project Manager		175.0	10			1,750.00
SENG	Senior Engineer		152.0	10			1,520.00
SIN	Scientist/Geologist		115.0	24			2,760.00
ENGII	Engineer II		110.0	0			0.00
SRT	Senior Technician		102.0	24			2,448.00
ENGI	Engineer I		95.0	0			0.00
ADM	Administrative		73.0	1			73.00

(LS)
\$10,825

TASK D.2			RATE/UNIT	HOURS/QTY	COST	MARKUP	AMOUNT
PRN2	Principle		238.0	10			2,380.00
SEN	Senior Engineer		185.0	4			740.00
PJTM	Project Manager		175.0	10			1,750.00
SENG	Senior Engineer		152.0	30			4,560.00
SIN	Scientist/Geologist		115.0	14			1,610.00
ENGII	Engineer II		110.0	0			0.00
SRT	Senior Technician		102.0	40			4,080.00
ENGI	Engineer I		95.0	0			0.00
ADM	Administrative		73.0	1			73.00

(LS)
\$15,193

Total \$26,018 (LS)

Date: April 23, 2026

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

Task E Permitting 15-yr JCP Permit Clam Bayou Dune Recovery H&M \$5,445

TASK D.1			RATE/UNIT	HOURS/QTY	COST	MARKUP	AMOUNT
PRN2	Principle		238.0	8			1,904.00
SEN	Senior Engineer		185.0	0			0.00
PJTM	Project Manager		175.0	0			0.00
SENG	Senior Engineer		152.0	4			608.00
SIN	Scientist/Geologist		115.0	16			1,840.00
ENGI	Engineer II		110.0	0			0.00
SRT	Senior Technician		102.0	10			1,020.00
ENGI	Engineer I		95.0	0			0.00
ADM	Administrative		73.0	1			73.00

(LS)
\$5,445

Total \$5,445 (LS)