

EXECUTIVE SUMMARY

Recommendation to approve the fall truck haul beach renourishment project and authorize tourist development tax expenditures for the Park Shore Beach scheduled for November 2024 with an estimated project cost of \$7,506,100.00; and make a finding that this item promotes tourism (Project 90067).

OBJECTIVE: To obtain a recommendation approving the project and funding for the 2024 truck haul beach renourishment project.

CONSIDERATIONS: Staff is seeking project approval and authorization for a 112,000 CY truck haul beach renourishment project for Park Shore Beach for an estimated cost of \$7,506,100.00, which shall include but not be limited to the following cost estimates:

- Engineering design, permitting, inspections and project certification - \$105,000
- Sand purchase by the County - \$1,843,600
- Construction
 - Mobilization - \$102,500
 - Transportation, distribution, and placement of beach sand - \$4,500,000
 - Maintenance of Traffic - \$245,000
 - Construction surveys - pre, post, and record survey - \$190,000
- Staff inspectors and inspections
 - Turbidity monitoring - \$60,000
 - QA/QC inspections of delivered sand and truck chain-of-custody control - \$120,000
 - Geotechnical sampling and analysis - \$25,000
- Shorebird monitoring - \$25,000
 - Contingency \$290,000

The cost estimate is based on recent historical pricing to support an anticipated construction start date of November 1, 2024. Placement of this sand is expected to renourish the beach for a design life of five (5) years, assuming no exceptional storms, hurricanes, or unexpected weather conditions.

The sand quantities estimated for this project are based on surveys performed in January / February 2024. Actual quantities needed based on field conditions will be determined immediately prior to construction. An adjustment of up to +/- 25% in sand quantities is assumed for this item.

This project is currently being solicited with a bid opening scheduled for September 23, 2024. Approval of this item will allow staff to work with Procurement to request a Purchase Order for sand production by Stewart Materials under Contract No. 21-7827 so that the beach fill material can be stockpiled and ready to haul once the renourishment construction contract is awarded. The Purchase Order is subject to approval by the Board.

This item is consistent with the Quality of Place Objectives of the County's Strategic Plan.

FISCAL IMPACT: The total project cost is anticipated to be \$7,506,100. Funding in the amount of \$4,103,094.88 is available in the Tourist Development Tax Beach Renourishment Fund (1105), Park Shore Beach Maintenance Project (90067). At the time of the contract award, a budget amendment will be necessary to reallocate funding within the Tourist Development Beach Renourishment Fund (1105).

Florida Department of Environmental Protection (FDEP) cost-share funding will be requested, if eligible,

at a future date to reimburse Collier County for a portion of the completed work.

GROWTH MANAGEMENT IMPACT: This item is consistent with the Conservation and Coastal Management Element of the Growth Management Plan.

ADVISORY COMMITTEE RECOMMENDATIONS: This item will be presented to the Coastal Advisory Committee (CAC) on September 12, 2024, and the Tourist Development Council (TDC) on September 17, 2024.

LEGAL CONSIDERATIONS: This item is approved as to form and legality and requires majority vote for approval. – CMG

RECOMMENDATION: To approve the fall truck haul beach renourishment project and authorize tourist development tax expenditures for the Park Shore Beach scheduled for November 2024 with an estimated project cost of \$7,506,100.00; and make a finding that this item promotes tourism (Project 90067).

Prepared By: Andrew Miller, P.E., Coastal Zone Management, Capital Project Planning, Impact Fees and Program Management Division