Agenda Item: Discuss and Consider Reimbursements to the City of Galveston for Annual and Post Storm Survey Work for Galveston’s Beaches (Sheryl Rozier, 10 minutes)

Overview:
Historically the City of Galveston and the Park Board have worked together to perform annual beach surveys that determine the changes in volume of sand along the beachfront. This is especially important for our engineered beaches, as this historical information is used after a storm event to show comparative proof of loss in order to file a claim with the Federal Emergency Management Agency (FEMA).

The basic scope of work is to conduct Depth of Closure and Wading Depth Surveys & a Proof of Methodology Study with drone technology. The Wading Depth Surveys will take place along the entire length of Galveston Island, excluding Galveston Island State Park and Jamaica Beach. This work is being funded by the City. The Depth of Closure surveys will be conducted on the three engineered beaches only. These surveys are being conducted at this time and will typically be performed at the beginning of hurricane season.

Based on an Interlocal Agreement executed between the Park Board and the City; the Park Board will be responsible for the 100% of the costs incurred for the Depth of Closure surveys and 50% of the cost for the Proof of Methodology study (one-time cost).

This agreement does account for Optional Services that allow for post storm surveys. These surveys would only take place in the event of a disaster where the City and Park Board feel there is a potential claim for beach damage with FEMA. The costs incurred for this type of survey are reimbursable with FEMA, if the project is deemed eligible.

Post storm surveys were conducted after Hurricane Harvey for Dellanera and Babe’s Beach. The findings of these surveys were used in the Park Board FEMA claim for loss at the beaches. These projects were recently deemed eligible and obligated with FEMA and the costs will be submitted for reimbursement under the project.

All surveys are initiated by the City and invoiced to the Park Board for their agreed upon portions.

Staff Recommendation:
Staff recommends payments to the City of Galveston totaling $ 126,245.50.

Individual amounts are as follows:

- Annual Depth of Closure for Engineered Beaches -- $55,230.00
- Annual Drone Proof of Methodology Study -- $6,083.50
- Harvey Post Storm Survey for Dellanera -- $25,619.00
- Harvey Post Storm Survey for Babe’s Beach -- $ 39,313.00

Funding Source (if a budgetary item):

- Annual Depth of Closure for Engineered Beaches -- $24,750.00 – BC-70-5204
- Annual Depth of Closure for Engineered Beaches -- $30,480.00 – NB-70-5204
- Annual Drone Proof of Methodology Study -- $6,083.50 -- NB-70-5204
- Harvey Post Storm Survey for Dellanera -- $25,619.00 – DP-51-5195
- Harvey Post Storm Survey for Babe’s Beach -- $ 39,313.00 – NB-70-5195