

Treasure Island Beach Erosion and Renourishment Committee

Update to the TIMUD Board of Directors

April 22, 2021

Items we are working on:

Grant applications:

- 1 National Fish & Wildlife Federation – Coastal Resiliency Fund -- Stage 1 Pre-Proposal: Treasure Island Assessment for Community Resiliency
 - Develop strategies and projects, and specific efforts that, when implemented help community to increase resilience and reduce exposure to or risks from coastal storms and flooding.
 - COMPLETED -- Submitted pre-preposal application for Phase 1 - Community Capacity Building and Planning project to conduct a complete assessment of Treasure Island – April 7
 - In general, the long term goals align with the Texas Coastal Resiliency Plan (beach and dune stability, coastal storm risk management, rookery island enhancement, watershed planning, and wetland protection and shoreline stabilization). Intended outcomes of this Assessment are:
 - 1 An effective, sustainable resiliency plan for community and wildlife preservation
 - 2 Re-establishment of functional dunes to support abundant wildlife, and protect the community infrastructure from higher high tides.
 - If awarded, the project would run from January 2022 through December 2024
 - Next step: Waiting to hear from NFWF mid-May if Treasure Island is invited to submit a full proposal for funding consideration

NCRF – PROJECT PRIORITIES



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2. CEPRA Cycle 12: San Luis Pass Erosion/Nourishment/Beach Stabilization/Revetment Project
 - a. Submissions due June 1, 2021
 - b. In process of pulling together materials for this submission
 - c. May require assistance from an engineering firm to ensure a successful submission – MottMacDonald is amenable and estimates costs for their services around \$10k.
 - d. Additionally, MottMacDonald states there are other projects (e.g. beach nourishment) that may be available for TI participation in that would provide some protection for the community
 - e. Next step: confirm available funding from TIMUD and approval from Board to engage MottMacDonald

Addressing JR Revetment and Community Flooding Due to Dune Breach on Buccaneer:

- Key to both issues is establishing working relationships with Brazoria County and the GLO
- Brazoria County: a committee member is meeting with Brazoria County officials on Thursday to discuss the current situation and approach for moving forward on the situations at JR and Buccaneer
- GLO: Two committee members are meeting on Friday to discuss the current situation on TI (dune breach at Buccaneer), the JR Revetment status, and how to move to resolution
- JR Revetment: Presentation by Allen Engineering on Wednesday to Committee and some Board members (Steve, Kym) highlighted the need for a more comprehensive solution to adequately address infrastructure concerns and the erosion damage that has occurred since the unpermitted revetment went in.
 - The GLO is highly interested in restoring the beach front that has been lost
- This is a convoluted and intertwined situation that is evolving. We shall know more after Committee members have their meetings
- Next steps: Committee debrief and plan out action plan on Tues, April 27

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Treasure Island – Jolly Roger and Buccaneer – April 15, 2021



Financial Status of TIMUD:

Key to resolving, repairing, and preparing for storm season is understanding TIMUD’s financial health and what is available outside normal operations for these activities to protect the community and infrastructure. One committee member is performing an informal review of all TIMUD financial, operating, and bank statements to understand what is committed and what is available.

Community Drainage of High Water/Storms/Rain:

Requested by the acting President (Steve Jones), preliminary discussions with Velasco and BakerLawson are in process to understand potential options. Currently, Velasco provides maintenance of our current drainage system and uses BakerLawson for engineering.

- Engineered solutions that include water pumps are multi-million dollar investments, where TI would need to purchase and maintain all the pumps and equipment.
- Next steps: Follow-up with BakerLawson and ensure we’ve answered the questions for the community.