
CITY OF PORT LAVACA # 4 a: b

PORT COMMISSION MEETING: 03.21.2023

DATE: 03.17.2023

TO: PORT COMMISSION CC: J. RUDELLAT

FROM: JODY WEAVER, INTERIM CITY MANAGER

SUBJECT: BREAKWATER/CDBG-MIT COASTAL RESILIENCY PROJECT / RESTORE GRANT

TPWL GRANT – NAUTICAL LANDINGS BREAKWATER

We are awaiting a response to our supplemental submittal on the Section 7 biological evaluation.

CDBG-MIT Coastal Resiliency

- *Attached* is the Monthly Progress Report dated March 6 which covers progress during January and February.
- *Attached* is a copy of the PowerPoint presentation given during our last Project Update meeting on February 22. During the meeting, Mott McDonald reviewed the Coastal Engineering Analysis which they performed on the alternates which were selected for consideration at the last meeting. There were two alternatives studied: 1D and 2A.

The original conceptual plan that was defined in the grant application is shown on Page 5. It involved a breakwater from Fisher Harbor to the channel next to the pier and then from the north side of the pier to near Scully's, with oyster reefs all along the bay side of the breakwaters and new marsh construction between the breakwater and the shoreline.

Alternate 1D is very similar except it adds a little "kick-out" on the breakwater near the boat channel next to the pier.

Alternate 2A replaces the breakwater north of the pier with only oyster reef creation and increases the height and width of the breakwater to the south of the pier. Earlier analysis showed that providing the expense of a breakwater north of the pier did not provide any significant additional protection that just providing oyster reefs, so we thought it would make more sense to put the expense of the breakwater all on the south side, by increasing it's size, where it does make a significant difference.

The detailed analysis confirmed the initial findings and it was decided to pursue Alternate 2A in the COE permit application.

RESTORE

- UPDATE!! We are in receipt of the DRAFT contract with TCEQ for the \$500,000 ReStore Grant program. We have made comments to the draft and submitted them back to TCEQ.