



AGENDA MEMORANDUM

Action Item for the City Council Meeting of March 25, 2025

DATE: March 3, 2025

TO: Peter Zanoni, City Manager

THRU: Heather Hurlbert, Assistant City Manager
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Resolution of Support for a lease of coastal submerged land near Doddridge Park from the Texas General Land Office to Palacios Marine Agricultural Research for the Corpus Christi Bay Shoreline Breakwater project

CAPTION:

Resolution in support of a lease of coastal submerged land from Texas General Land Office to Palacios Marine Agricultural Research Inc., near Doddridge Park for a breakwater project.

SUMMARY:

Resolution of support for a lease of coastal submerged land near Doddridge Park from the Texas General Land Office (GLO) to Palacios Marine Agricultural Research for the Corpus Christi Bay Shoreline Breakwater project. The project will provide shoreline protection and habitat for marine life in Corpus Christi Bay.

BACKGROUND AND FINDINGS:

This project will build a 2,500-ft submerged breakwater approximately 300 ft offshore paralleling the shoreline of Corpus Christi Bay along Ocean Drive from the northern Ed Rachal Foundation Property (3700 Ocean Dr., HEB and Ada Wilson Houses) to the southern end of Doddridge Park. The purpose of the project is two-fold: 1) to provide enhanced shoreline protection from erosion due to high-energy wave action; and 2) to provide additional habitat for marine life in Corpus Christi Bay.

The breakwater will be constructed of 14 separate (detached) 100-ft sections of limestone rock mounds set at 90-degree angles to one another. Mounds will alternate between individual sections oriented perpendicular to prevailing north and southeast

winds. Breakwater mounds will be spaced approximately 100 ft apart to allow for water exchange and navigation and will be located below mean low water level. The estimated construction time for this project is about one month. It will provide an excellent habitat for marine life (e.g., oysters, fish) for Corpus Christi Bay and ample opportunities for recreation by residents and visitors to the City of Corpus Christi. Construction plans have been reviewed and approved through consultation with all notified State and Federal regulatory agencies. Although this project has been approved by U.S. Army Corps of Engineers (USACE), it requires a Statement of No Objection from the City (as adjacent landowner) in order to proceed with the GLO permitting process for a submerged coastal lease.

ALTERNATIVES:

The alternative is to not approve a Resolution of Support, which would reduce the scope of the project to only the portion adjacent to the property owned by the Ed Rachal Foundation.

FISCAL IMPACT:

There is no financial impact to the City. Total project costs are approximately \$750,000 and are being covered by Palacios Marine Agricultural Research, Inc.

Funding Detail:

Fund:

Organization/Activity:

Department:

Project # (CIP Only):

Account:

RECOMMENDATION:

City staff recommends approval of the Resolution of Support.

LIST OF SUPPORTING DOCUMENTS:

Resolution

Project Background Materials