



Protecting our bays and estuaries

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Date: March 20, 2023
To: Matagorda Bay Mitigation Trust
From: Rosario Martinez
RE: Matagorda Island Shoreline Protection (CBBEP
Project 1932)

Matagorda Island Shoreline Protection Current Activities:

Access to Matagorda Island has affected the project timeline. Equipment must be barged onto Matagorda from the north end of the island through the boat dock. Unfortunately, the channel through which the barges use has shoaled in. USFWS submitted a USACE permit application to dredge the channel in 2020. The permit was issued on March 14, 2022. USACE/ANWR secured Orion Marine to perform the hydraulic dredging. The dredging should be complete by March 24, 2023, followed by one to two weeks to demobilize.

It is estimated that dredging will be complete prior to the beginning of the non-wintering season for whooping cranes (May 1) at Matagorda and construction of breach repairs could commence.

During project coordination meetings, construction during the 2023 non-wintering season was discussed and how many sites could be constructed during this window needs to be decided. To determine work options on site, the amount of material that needs to be imported to the island and trucked down to the breaches will need to be assessed. The previous survey for all the sites was performed in 2019 and many breaches have expanded based on recent Google Earth imagery. Therefore, it was decided to obtain an updated survey at each of the sites and develop updated material quantities. Based on this assessment, a plan will be developed to determine which locations can be constructed in 2023. The eligible sites will then be updated in the drawings/bidding documents. Subsequently, a work order with HDR was executed on December 21, 2022, which included the following tasks: updated surveys of all breach locations, finalize the bid documents, bidding assistance, and construction administration.