



City of Marco Island

MEMORANDUM

Date: September 8, 2023
To: Michael A. McNees, City Manager
From: Justin Martin, P.E., Director, Public Works
Subject: Sand Dollar Island – Hurricane Idalia Erosion

Waves during the high tides of the storm surge caused by Hurricane Idalia significantly eroded the recently restored Sand Dollar Island spit north of Tigertail Beach causing breaches in the berm whereby the high tide now washes over into the flow channel and lagoon. See below photo. As you are aware, the City contracted the \$4.3 million ecosystem restoration project that was completed in May of this year. This investment is in jeopardy of being lost to further erosion. There is a limited window of opportunity to restore the sand berm now without the need to mobilize dredging machinery. Each tide cycle washes sand further into deeper water, so time is of the essence. The contractor that performed the ecosystem restoration project is available to mobilize the long reach excavator and bulldozer needed for the restoration. Attached hereto is a proposal from the contractor for the needed work. The chair of the Hideaway Tax District board has requested that the city **proceed with an emergency purchase order to perform the work**. The Tax District board will vote on the expenditure at their next scheduled meeting on October 19. As such, the Public Works department is hereby requesting that you authorize an emergency purchase order for the needed work until City Council can ratify the emergency expenditure at the September 18 meeting.

