

DREDGING OF GORDON PASS FEDERAL NAVIGATION CHANNEL NAPLES, FLORIDA



PROJECT MANAGEMENT

Humiston and Moore Engineers (H&M) was hired by the owner of the north end of Keewaydin Island to act as a liaison between the Corps of Engineers, the City of Naples and the Florida Department of Environment Protection to facilitate the 2003 maintenance dredging of Gordon Pass. The dredging and beach disposal was completed as part of the Gordon Pass Federal Navigation Project.

Work completed by H&M included preparing and obtaining temporary construction easements, collection and analysis of supplemental sand samples, assistance with project survey control and establishment of beach fill limits relative to historical background losses on the downdrift side of Gordon Pass.

Since the dredging project was performed after the H&M reconstruction and sand tightening of the south jetty at Gordon Pass, the sand disposal from the maintenance dredging was placed closer to the jetty along the section of beach experiencing the higher sand losses, the location also preferred by the state DEP.

H&M also coordinated the environmental monitoring of the beach through working with the Conservancy of Southwest Florida on an on-going erosion control project under construction at the north end of the island.



**GORDON PASS
NAVIGATION CHANNEL**

KEY PROJECT ELEMENTS

- Inlet Impact Analysis
- Sediment Budget Analysis
- Inlet Management
- Coordination of Local, State & Federal Interests
- Construction Observation



**PROJECT UNDER-CONSTRUCTION
MAY 2003**