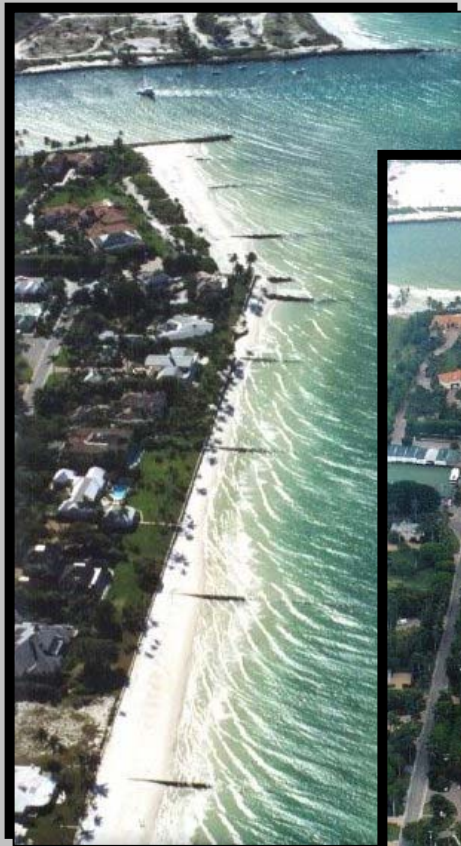
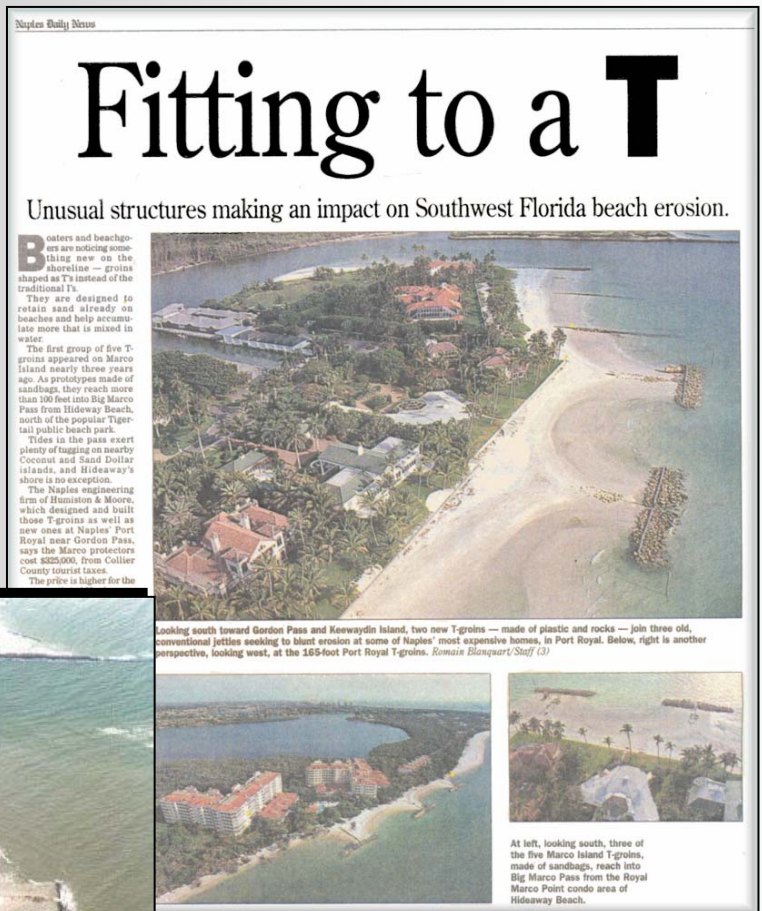


INNOVATIVE SOLUTIONS TO EROSION NEAR TIDAL INLETS

Humiston & Moore Engineers designed an innovative erosion control project consisting of two T-groins, two wooden groins, and placement of beach fill. This unique T-groin design incorporates a sheetpile core to allow establishment of precise crest elevation, and a weir system to promote sand bypass and minimize potential for downdrift impact. The project was completed in 2000. Two years after construction, monitoring results show stable beach planform and no net downdrift impacts, and no need for additional sand placement.



Pre Construction



Post Construction

***Naples Daily News*, May 7th 2000**
Article recognizing H&M innovative design for the Naples Erosion Control Project

KEY PROJECT ELEMENTS

- Inlet Impact Analysis
- Innovative Design
- Erosion Control Structures
- Inlet Management
- Local Funding

TECHNICAL REFERENCE

Humiston and Moore (2001) "Naples Beach Erosion Control Project 1-Year Post Construction Monitoring Report" prepared for The City of Naples, Florida