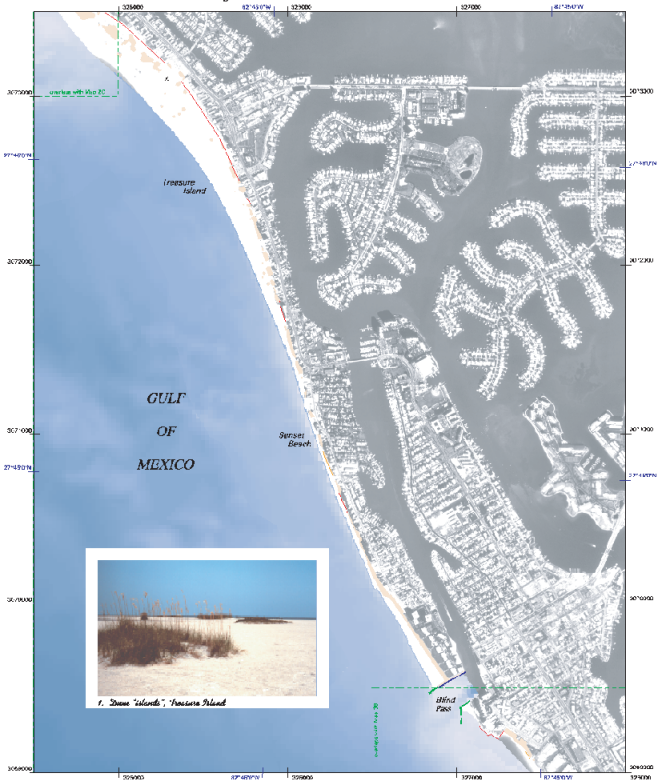
U.S. Department of the Interior
U.S. Geological Survey

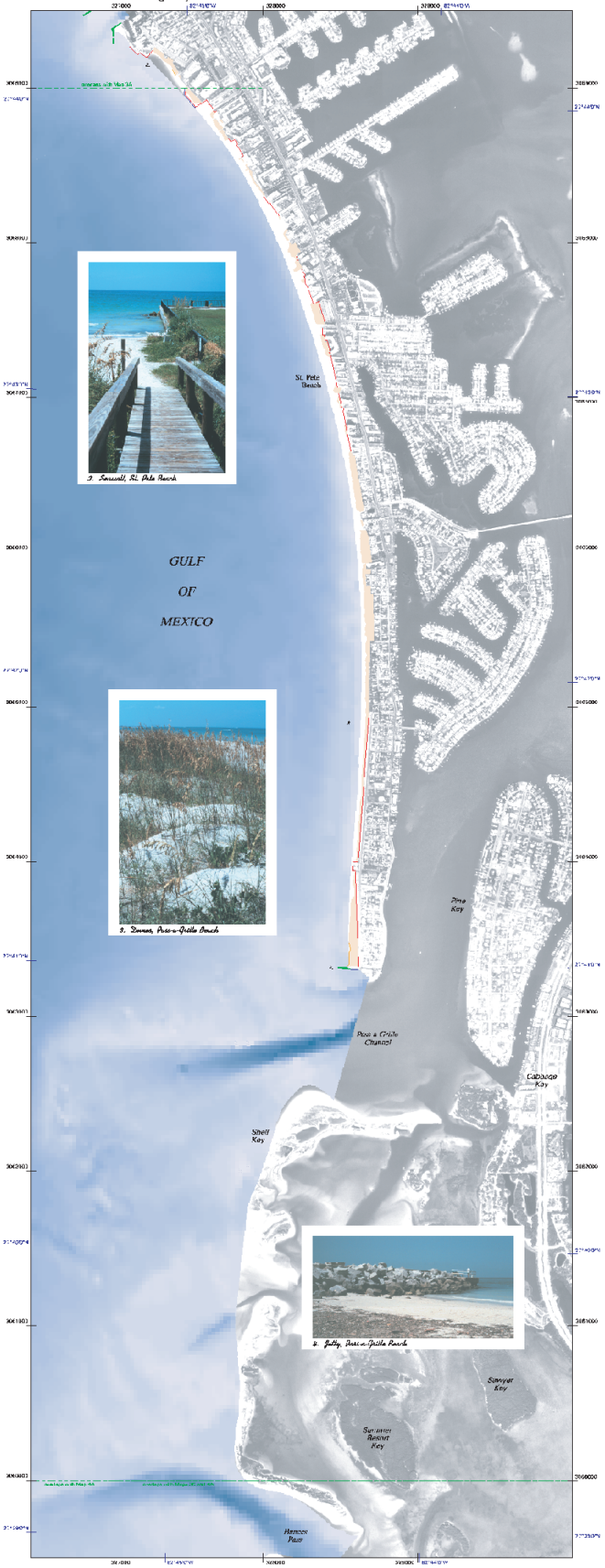
Prepared for the
West-Central Florida Coastal Studies Project
In cooperation with the University of South Florida and Eckerd College

Beach Structures Map Series
Open File Report: 99-416C

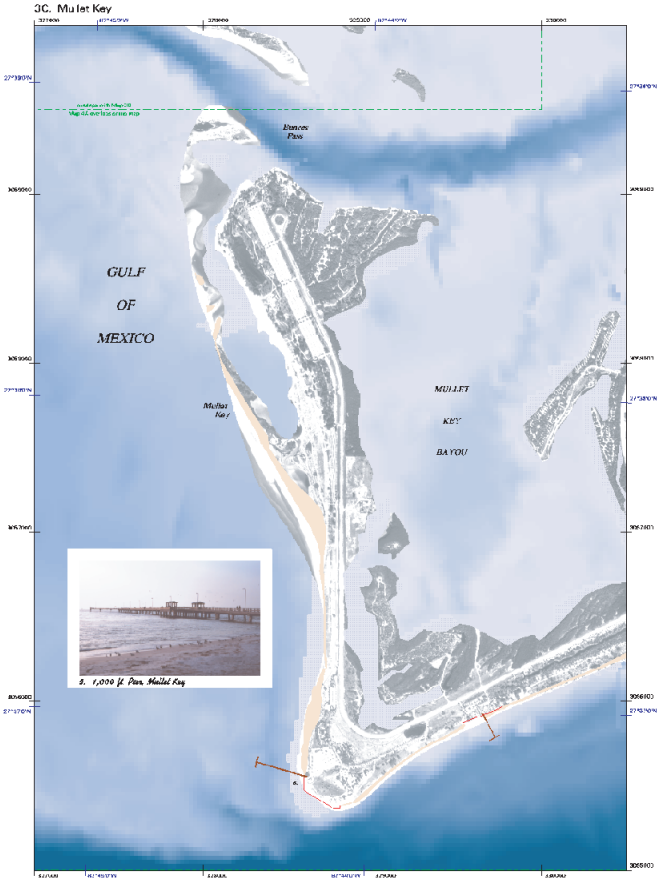
3A. Treasure Island and St. Petersburg Beach

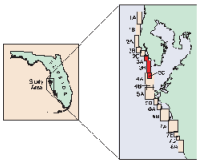


3B. Pass-a-Grille and Cabbage Key



3C. Mullet Key





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Beach Structures – Map 3

by
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1999

Scale 1:12 000

0.5 0 0.5 1.0 Kilometers
0.2 0 0.2 0.4 0.6 0.8 Miles

UTM Grid N

Beach Structures
Seawall
Pier
Jetty
Rock
Groin

Beach Features
Swamp
Tidal

Water Depth Meters
0 1 2 3 4 5 6 7 8 9 >10 feet

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards. Do not use for navigation.

The beach structure/feature field data were collected using hand held GPS receivers in 1995-1996. The Gulf side shoreline was GPS surveyed in the summer of 1995 (Pass-a-Grille and Mullet Key) and in 1996 (Treasure Island, Indian Rocks Beach and Longboat Key). The shoreline was digitized on-screen using Arc/Info 7.0 software. The black and white aerial images found 2 of the GIS DRGCs, flown by ten-meters, Jan/Feb 1994/96. The bathymetric surface model is not consistent with the other data. It was created from NOAA NOS Hydrographic Surveys taken in the 1950s and 1970s.

Map projection: UTM Zone 17, North American Datum 1983, Spheroid GRS 1980. Black dot: UTM Easting, Northing and Longitude.