



14 October 2003

## INFORMATION PAPER

SUBJECT: Manele Harbor, Lanai, Hawaii

1. Purpose: To provide information on the subject project.
2. Points of Major Interest and Facts.

a. Plans and specifications for maintenance dredging initiated in FY03, are scheduled for completion in October 2003. Award of a maintenance dredging contract is scheduled for January 2004. Approximately 8,000 total cubic yards of sediments (Federal: 6,700 cubic yards; non-Federal: 1,300 cubic yards) will be dredged from within the harbor. The estimated dredging costs for this project is \$845,000 (Federal: \$637,000; non-Federal: \$73,000).

b. Manele Small Boat Harbor is located on the southern coast of Lanai. The project is authorized under Section 107 of the River and Harbor Act of 1960. The harbor consists of an extension of existing 100-foot long stub breakwater with a 470 foot long rubblemound breakwater with a crest elevation of 14 feet mean low level water at the head and 6 feet at the root; an entrance channel 12 feet deep; and a main access channel and turning areas, 8 feet deep. The harbor was completed in December 1965 at a total project cost of \$742,845 (Federal: \$370,845; non-Federal: \$372,000). The local sponsor is the State of Hawaii, Department of Land and Natural Resources, Division of Boating and Ocean Recreation (DBOR).

c. The U.S. Army Corps of Engineers, Honolulu District (USACE) conducted hydrographic surveys in April 2002, at the request of DBOR, in light of heavy rains that deposited sediments into the harbor earlier in the calendar year. Review of the survey indicates that maintenance dredging of the harbor entrance and access channels, turning area and non-Federal berthing areas is required.

d. USACE is responsible to maintain authorized Federal project depths in entrance channels, main access channels and turning areas. The local sponsor is responsible to maintain depths in berthing and mooring areas and to clean out the sediment basin, when necessary. DBOR requested USACE to dredge DBOR's berthing areas, at DBOR's expense, in conjunction with the USACE's maintenance dredging contract. The breakwater at Manele Harbor was inspected in September 2003 and found to be in good condition.

3. Congressional Interest. There is minimal Congressional interest in this project, at this time.