



12 January 2005

## **INFORMATION PAPER**

**SUBJECT:** Nawiliwili Harbor Modifications, Kauai, Hawaii

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

a. The project is in the reconnaissance phase. In FY02, funds of \$100,000 were appropriated as a Congressional add to initiate the Reconnaissance Study, as authorized by Section 209 River and Harbor Act of 1962. The 905(b) analysis report describing Federal interest was approved in January 2003. The Feasibility Cost Sharing Agreement (FCSA) was approved by the Pacific Ocean Division 12 January 2005. Feasibility investigations will start in March 2005 following the execution of the FCSA. The future feasibility study will focus on modifications to the entrance channel, turning basin, and breakwater to address navigation and safety concerns and is scheduled for completion by FY06. In FY04, Congress appropriated \$100,000 to continue the feasibility study. In FY05 funds of \$50,000 were added for the effort.

b. Nawiliwili Harbor is located on the southeast coast of the island of Kauai and is the island's principal commercial harbor. The River and Harbor Act of 2 March 1919 and September 1954 authorized Nawiliwili Harbor as a U.S. Army Corps of Engineers (USACE) project. The harbor consists of a breakwater 2,045 feet in length, and an S-shaped entrance channel 40 feet deep with a minimum width of 600 feet and a length of 2,400 feet. The initial Federal improvement was completed in 1930 followed by additional work completed in 1956 and 1960.

c. Nawiliwili Deep Draft Harbor was last maintenance dredged in March 1999. A total of 115,000 cubic yards of dredged sediment was removed at a cost of \$918,000 in Federal funds.

d. The State has been aggressively pursuing the lucrative passenger cruise market in order to boost Kauai's economy. During high wind conditions, the harbor pilots feel the margin of safety to navigate large cruise vessels safely through the S-shaped entrance channel is too narrow. The channel entrance must be widened in order to accommodate larger vessels since the passenger cruise ships are 965 feet in length, and the harbor was designed for vessels of 470 feet in length.