



12 January 2005

INFORMATION PAPER

SUBJECT: Port Allen Harbor, Kauai, Hawaii

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

a. Port Allen Harbor is located on the southern coast of Kauai. The project was authorized by the River and Harbor Acts of 30 August 1935 and 2 March 1945. The local sponsor is the State of Hawaii, Department of Transportation, State Harbors Division.

b. The project consists of a 1,126-foot long rubble mound breakwater on the east side of the bay; an entrance channel 500 feet wide, 35 feet deep; and a harbor basin 1,200 feet wide, 1,500 feet long, and 35 feet deep. The project was completed in 1948. The cost of this project was \$1,837,513 (Federal: \$1,637,513; non-Federal: \$200,000).

c. Port Allen is in the operations and maintenance phase, and was last dredged in April 1999. A total of 21,000 cubic yards of dredged sediment was removed from the harbor and disposed of three miles offshore at an Environmental Protection Agency designated ocean disposal site. The maintenance dredging work, at a Federal cost of \$274,000, was performed by the U.S. Army Corps of Engineer's (USACE) dredge vessel "Essayons," operating out of the Portland District office.

d. In November 1982, Hurricane Iwa destroyed a 60-foot portion of the breakwater head section. Based on damage assessments, USACE determined not to rebuild the lost portion but to repair only the head of the shortened breakwater. This repair work was completed in January 1984 at a cost of \$294,900.

e. Following 1989 heavy storms, the breakwater head section repair work was completed in July 1991 at a Federal cost of \$194,000. Later, the breakwater suffered extensive damage from Hurricane Iniki in 1992. The repairs were completed in 1994 at a cost of \$834,000 (Federal funds).

f. Repair of the existing 280-foot long breakwater root section at Port Allen Harbor is required due to disrepair over the years. Current schedule is for completion of plans and specifications and construction contract award in FY05. Estimated construction cost is \$1,200,000.