



12 January 2005

INFORMATION PAPER

SUBJECT: Hanapepe River Flood Control, Kauai, Hawaii

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

a. The Hanapepe River project was last inspected in October 2004. The project's condition rating is currently listed as "unacceptable" and the project was placed on inactive status, mainly due to the lack of maintenance of the project by the local sponsor. Inactive status means that the project is not ineligible for the U.S. Army Corps of Engineer's Federal assistance under Public Law 84-99 (PL 84-99) should the project experience damage due to an adverse flood event.

b. The Hanapepe River is located on the southern coast of the island of Kauai and flows through the town of Hanapepe into Hanapepe Bay. The project was authorized by the Flood Control Act of 1944. The local sponsor is the County of Kauai, Department of Public Works (DPW), which operates and maintains the project.

c. The existing project includes a levee 2,200 feet long, followed by a floodwall 185 feet long, along the left bank commencing at the new Kauai Belt Highway Bridge located about 0.4 mile above the river mouth and extending to the cliffs at the northeast corner of the town of Hanapepe; and a riprap-lined earthfill levee 4,465 feet long along the right bank commencing at the old highway bridge about one-half mile above the river mouth and extending upstream to high ground.

d. Improvements on the left and right banks were completed in December 1959 and August 1963, respectively. A construction project to raise the height of the levees and floodwall was completed in November 1966. The cost of this project was \$796,820 (Federal: \$784,867; non-Federal: \$11,953).

e. Limited maintenance funding has limited the County of Kauai DPW's efforts to maintain the project. As a result, the maintenance of the project has deteriorated over the past several years.

f. A site investigation of Waimea and Hanapepe was conducted on 7 January 2005. This investigation was requested by the County of Kauai DPW due to flooding that occurred on 1 January 2005. The Hanapepe flooding was a result of poor interior drainage behind the right bank levee. Recommendations for the County of Kauai DPW is that they should complete the maintenance with the PL 84-99 program.