



11 August 2003

INFORMATION PAPER

SUBJECT: Holualoa Drainageway Flood Hazard Study, Kona, Hawaii

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

a. In response to recent flooding in March 1998, the Honolulu District received a request from the local sponsor, County of Hawaii to conduct a study to verify the 100- and 500-year floodplains of Holualoa Drainageway. Minor flooding in the town of Holualoa raised questions concerning stream flow paths.

b. Holualoa Drainageway is located in the upper slopes of Kona on the island of Hawaii, State of Hawaii. This drainageway flows only during intense rainfall and is situated between the slopes of Mauna Kea and Mauna Loa. Holualoa Drainageway flows through a rural residential community consisting of single and multi-residential homes and agricultural farm lots.

c. Funds for this study in the amount of \$80,000.00 was received in January 1999 for aerial topographic mapping and technical hydrologic and hydraulic analyses. The District submitted to the County of Hawaii draft flood maps and technical data support in March 2003 with final submission scheduled for August 2003. The results of this study will assist county officials with administering their flood plain management ordinances.

d. According to the latest Flood Insurance Rate Map published by the Federal Emergency Management Agency, Holualoa Drainageway was studied in April 1985 using detailed methods. The 100- and 500-year floodplains along Holualoa Drainageway and a tributary stream were identified.

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