



12 March 2003

INFORMATION PAPER

SUBJECT: North Shore, Shore Protection, Oahu, Hawaii

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

- a. The improvements consist of three projects located on the north shore of Oahu. The projects were authorized under Section 14 of the Flood Control Act of 1946, as amended. The local sponsor is the State of Hawaii, Department of Transportation, Highways Division.

- b. The improvements consists of three projects as information is as follows:

- (1) The Hauula project site is located along Kamehameha Highway between Kalaipalaoa Point and Hauula Beach Park on the northeast coast of Oahu, about 28 miles from Honolulu. The project consists of a revetment to protect against erosion along a 1,100 feet reach of highway. The estimated cost of the project is \$1,385,000 (Federal: \$851,000; non-Federal: \$534,000).

- (2) The Kaaawa project site is located along Kamehameha Highway between Kaaawa and Swanzy Beach Parks on the northeast coast of Oahu, about 20 miles from Honolulu. The project consists of a revetment to protect against erosion along an 825 feet reach of highway. The estimated cost of the project is \$1,202,000 (Federal: \$747,000; non-Federal: \$455,000).

- (3) The Punaluu project site is located along Kamehameha Highway on the northeast coast of Oahu, about 25 miles from Honolulu. The estimated cost of the project is \$864,000 (Federal: \$525,000; non-Federal: \$339,000). The Highway Division has initiated property acquisition but anticipates the process to be lengthy with possible resolution in 2003.

- c. All project sites will be constructed using a 1.9 feet thick single layer of 1,000 to 1,400 pound armor stones and a 1.6 feet thick under layer of 50 to 100 pound stones. Plastic filter cloth will be used to prevent migration of sub grade material. The Highway Division has initiated property acquisition but anticipates the process to be lengthy with possible resolution in 2003.

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