



**CONTINUING ELIGIBILITY INSPECTION (CEI) REPORT
FOR FLOOD CONTROL WORKS
Honolulu Engineer District
CEPOH-EC-T**

Waimea08rpt-fcp.doc

1. **Project Name:** Waimea River Flood Control Project
2. **Date of Inspection:** October 3, 2007
3. **Inspection Personnel:**

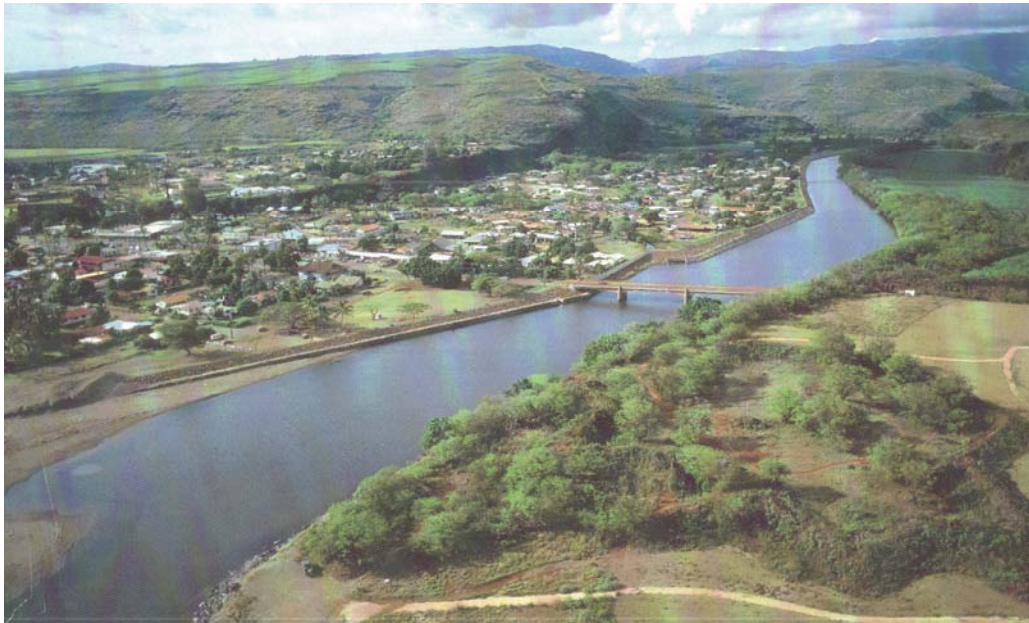
| <u>Name</u> | <u>Agency/Office</u> | <u>Telephone No.</u> |
|--------------------|-------------------------|----------------------|
| a. Dan Meyers | COE | 438-8875 |
| b. Lincoln Gayagas | COE | 438-1981 |
| c. Ed Renaud | Deputy Director DPW | 241-6600 |
| d. Ryan Nishikawa | DPW Highway Maintenance | 241-6631 |
| e. Ken Morikawa | DPW Highway Maintenance | 241-6632 |

4. **Discussion:**

The project consist of 3,320 feet of cement rubble masonry floodwall on an existing levee, 4.600 feet of rock toe protection, 500 feet of raised road, 1,030 feet of levee extension, 335 feet of concrete floodwall, and new floodgates. River Station Numbers (RSN) were established to assist field personnel with maintenance locations. All deficiencies were brought to the attention of the DPW representatives during the inspection. Interior drainlines need to be cleaned and all flapgates need to be greased and the deficiencies were as follows:

5. **Ratings for FY08**

Project Rating: "**S, Satisfactory**"
Project Condition Code: "**A, Acceptable**"
Project Status: "**Active**"





Project Sign



a. RSN 1+00, overview at start of project Oceanside.



b. RSN 2+50, Authorized ADA Ramp.



c. RSN 4+20, remove tree stump.



d. RSN 6+50, remove tree stump.



e. RSN 9+00, Start of floodwall.



f. RSN 10+42, 5 floodgates, all gates cycled 7/17/07 and fence installed.



g. RSN 12+00, Levee sideslope in good condition.



h. RSN 13+50, repair CRM edge at 2 areas.



i. RSN 14+00, Overview.



j. RSN 18+00, Townside of levee regraded.



k. RSN 26+00, Overview of concrete rubble masonry (CRM) no vegetation. (Even w/Clubhouse)



1. RSN 31+30, Remove juvenile tree stump at waterline of sideslope.



- m. RSN 32+90, monitor townside retaining wall separation approx. one inch.



n. RSN 33+00, Unauthorized encroachments (walls/stairs) removed, levee sideslope restored.



o. RSN 35+30, Remove juvenile tree stump, patch CRM and grease flapgate.



p. RSN 40+00, Townside of levee regraded.



q. RSN 41+52, Overview of CRM, remove structure in river, @
Culvert # 3.



r. RSN 49+72, Replace broken 24" flapgate.



s. RSN 58+54, Contractor's temporary access.



t. RSN 61+70, Temporary access at culvert / flapgate # 7, in good working order.



u. RSN 66+00, Overview of levee.



v. RSN 63+75, Culvert / Flapgate # 8 in good working order.



w. RSN 69+50, Overview of CRM and access road.



x. RSN 72+90, CRM sideslope repaired.



z. RSN 73+91, Sluce Gate # 11, end of project.



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6. Findings/Conclusions:

Based on this CEI, the Project Rating is "S, Satisfactory", the Project Condition Code is "A, ACCEPTABLE" and the Project Status is ACTIVE in the Rehabilitation and Inspection Program.

Signed: _____
Dan Meyers, CEPOH-EC-T

Signed: _____
James Pennaz, P.E., Ch, CEPOH-EC-T

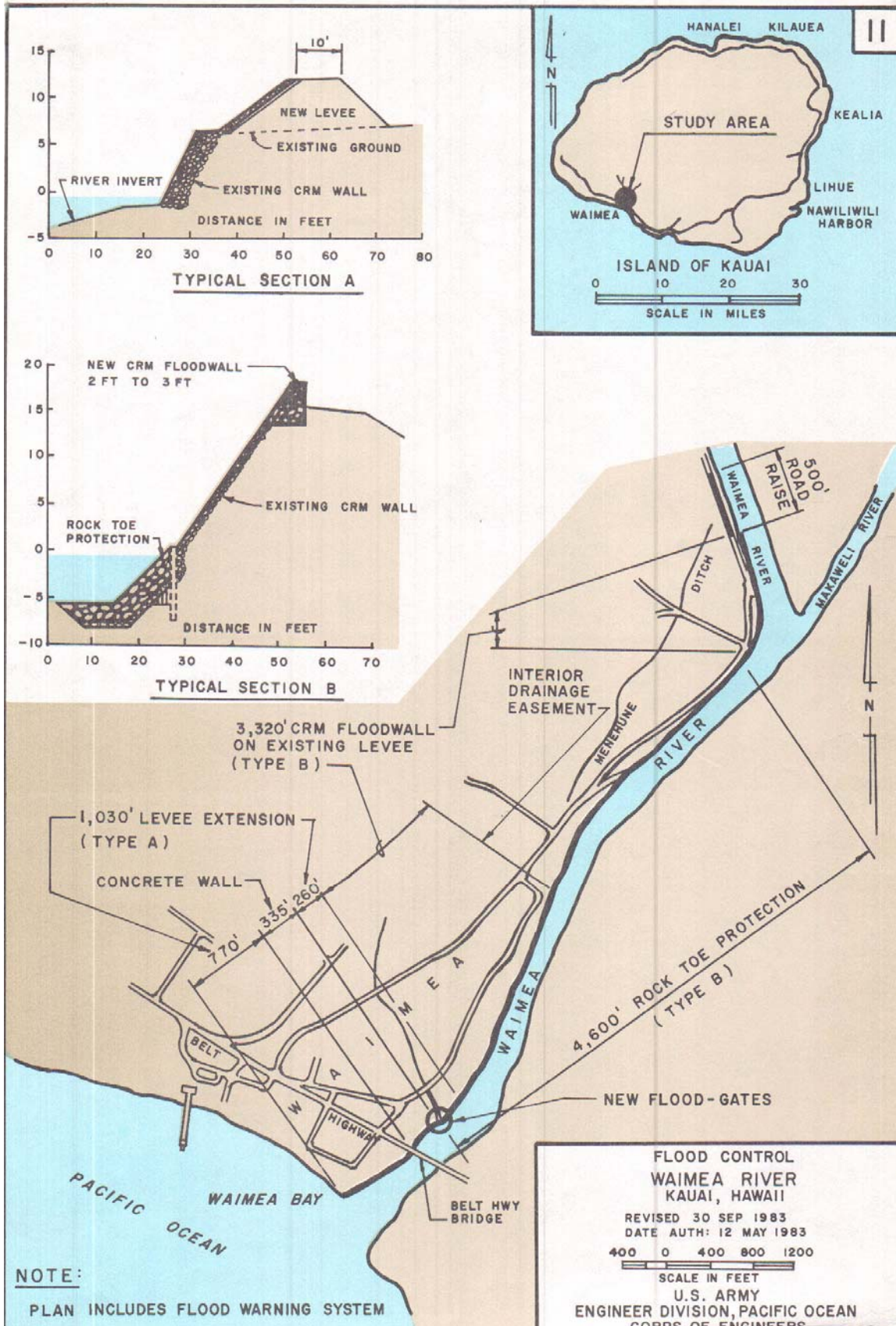
Enclosure(s)

1. Site Plan
2. Info Paper



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WAIMEA RIVER, KAUAI, HAWAII

CONDITION OF IMPROVEMENT 30 SEPTEMBER 1987

PREVIOUS PROJECTS: None.

EXISTING PROJECT: Authorized on 12 May 1983 under Section 205 of the Flood Control Act of 1948, as amended. Provides for 3,320 feet of cement rubble masonry floodwall on existing levee, 4,600 feet of rock toe protection, 500 feet of road raise, 1,030 feet of levee extension, 335 feet of concrete wall, new floodgates, and a flood warning system.

PROGRESS OF WORK

Completed and Under Maintenance: Construction contract awarded in September 1983 was completed in December 1984 for \$2,467,005.

Work Remaining: The flood warning system, currently estimated at \$300,000, remains to be completed upon availability of non-Federal funds of \$60,000. The flood warning system is an integral part of this flood control project.

COST OF CONSTRUCTION:

| | <u>New Work</u> |
|------------------------------|-----------------|
| <u>Completed Works:</u> | |
| United States Funds | \$2,769,400 |
| Contributed Funds (Required) | <u>0</u> |
| Total Costs | \$2,769,400 |
| <u>Uncompleted Works:</u> | |
| United States Funds | \$240,000 |
| Contributed Funds (Required) | <u>60,000</u> |
| Total Estimated Costs | \$300,000 |