

CONTINUING ELIGIBILITY INSPECTION (CEI) REPORT
FOR FLOOD CONTROL PROJECTS

1. Project Name: Hanapepe Stream FCP

2. Date of Inspection: December 4, 2001

3. Inspection Personnel:

Name	Agency/Office	Telephone No.
a. Dan Meyers	COE	438-8875
b. Russell Sugano	Kauai County, DPW	241-6631
b. Cliff	Kauai County, DPW	335-5025

4. Discussion:

The project: There has been an increase effort by the DPW staff in the vegetation control of the project, however no repairs were made to previously identified structural deficiencies. The vegetation control needs to continue and repairs made to avoid an unacceptable rating. Discrepancies were noted and suggestions were made to the DPW representatives. (® denotes a repeat item from last year's maintenance inspection). A list of the deficiencies and recommendations follows:

LEFT BANK (LB):



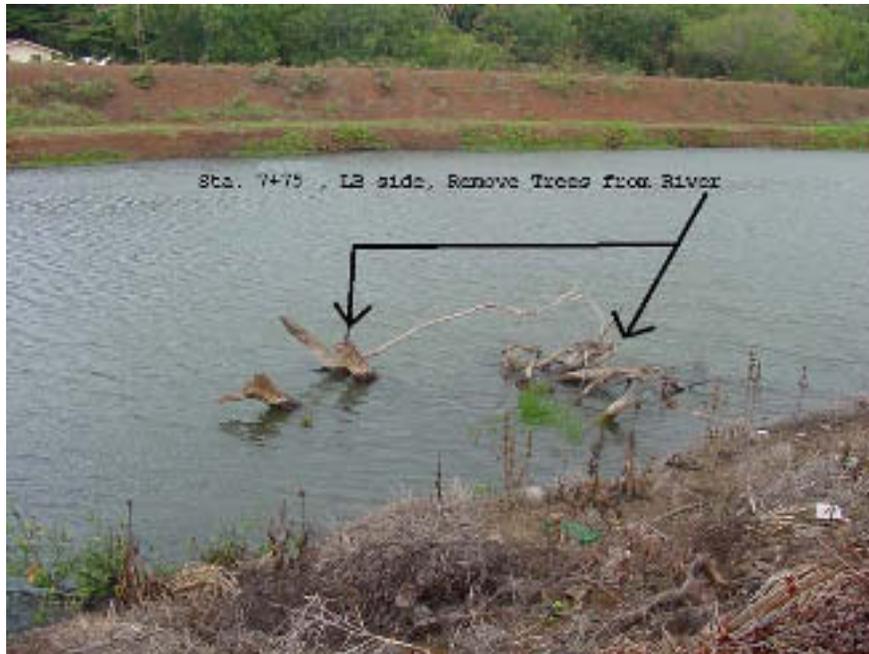
a. Sta. 3+75, LB, Replace inoperable flapgate (®).



b. Sta. 3+95, LB, continue vegetation control on the levee sideslope (®).



c. Sta. 5+50, LB, Inventory levee fence and replace rusted hardware (®).



d. Sta. 7+75, LB side of river, remove vegetation & trees from river.



e. Sta. 7+95, LB, remove stockpile of cut vegetation from levee sideslope.



f. Sta. 7+95, LB, Remove encroachments, restore drainage ditch and restore terraced levee sideslope (®).

replace rusted pedestal and repair floodgate

h. Sta. 15+80, restore interior drainage ditch and clear outlet (®)

i. Sta. 12+00 remove vegetation from both sides of levee, (unable to inspect riprap) (®)

j. Sta. 8+50 fill eroded area and remove vegetation from both sides of levee (unable to inspect riprap) (®)

k. Sta. 8+00 remove vegetation from both sides of levee (unable to inspect riprap) (®)

l. Sta. 4+00 replace missing flapgate (®) and replace rusted pedestal

m. Sta. 1+01, remove vegetation from riprap and log from river

n. Sta. 1+00 remove vegetation from river sides of levee
(unable to inspect riprap) (®)

o. Provide as-built drawings for the footbridge being constructed at Sta.
3+75 (®)

RIGHT BANK:

p. Sta. 45+00 remove vegetation (®)

q. Sta. 42+24, Clean and lubricate flapgate (®)

r. Sta. 39+00 remove construction debris
(old wooden bridge parts)

s. Sta. 35+00, remove trees from river

Typical vegetation of right bank levee, grasses but need to be cut, woody
vegetation needs to be removed.

Stairway is OK, interior culvert & drainage way
Clear at this location

t. Sta. 21+00 remove woody interior vegetation and clear interior drainage
way

u. Restore interior drainage way along the townside of the
right bank levee

Sta. 21+00, Plantings OK'ed 9 years ago by COE
per D. Kern

Overview of interior drainage way

v. Sta. 19+00, the handwheel is missing and
the spindle is broken, floodgate not operable

Sta. 12+00, fencing erected between toe of levee and river
does not impact levee (placement close to toe but not on toe)

Sta. 11+00, fencing erected between toe of levee and river
does not impact levee (placement close to toe but not on toe)

Sta. 8+00, overview of levee, typical
of needing vegetation control

Sta. 8+00, riprap is obvious, levee width has
increased with fill material over the years
riprap should be intact under the fill

5. Conclusion:

IAW ER 1130-2-530 appendix C (dtd 30 Oct 96), The overall rating of the project is (C-4) **Fair**. Major deficiencies that if not corrected immediately may lead to or cause deterioration of the project such that is incapable of providing the maximum flood protection. Little or no evidence of maintenance performed. A greater effort is required to reduce deficiencies. IAW ER 1130-2-530, Appendix D (dtd 30 Oct 96), The project condition is such that some maintenance deficiencies exist, but the project would probably provide the design level of protection.

We were unable to inspect a large portion of the work due to vegetation. Consideration should be giving to establishment of a FCP maintenance crew within DPW. Initial efforts should be directed at the riverside of the project. I suggested the possible use of a floating platform or boat to perform maintenance along the river banks.

Signed: _____
Dan Meyers, CEPOH-EC-T

Signed: _____
Lincoln Gayagas, P.E., CEPOH-EC-T

Enclosure(s)
1. Site Plan

2. Photos