



**CONTINUING ELIGIBILITY INSPECTION (CEI) REPORT**  
**FOR HURRICANE & SHORE PROTECTION PROJECTS**  
Honolulu Engineer District  
CEPOH-EC-T

*Masefau05rpt-spp.doc*

1. Project Name: Masefau Shore Protection Project

2. Date of Inspection: March 16, 2005

3. Inspection Personnel:

	<u>Name</u>	<u>Agency/Office</u>	<u>Telephone No.</u>
a.	<u>Jessica Hays</u>	COE	438-1680
b.	<u>Reuben Siatu'u</u>	DPW	633-4141

4. Rating for FY05:

Project Rating: "**S, Satisfactory**"

Project Condition Code: "**A, Acceptable**"

Project Status: "**Active**"

5. Discussion:

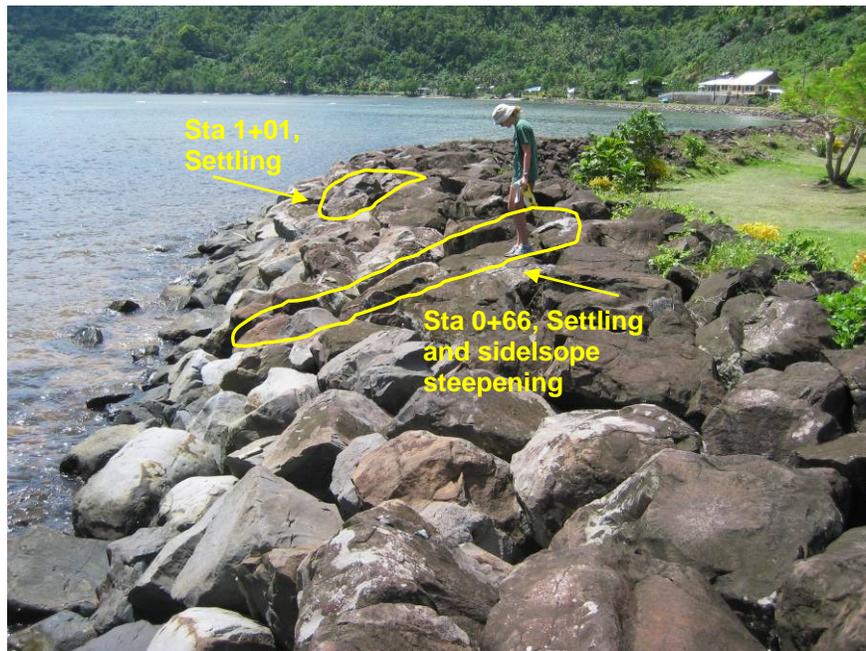
The SPP is 410LF. Sta. 0+00 is located at the North-End of the project. The project was not constructed with the designed splash apron as shown project index map, but is IAW the As-Built. It appears that some of the recommended maintenance has been conducted since the last inspection of 12 April 2004. All discrepancies were noted and brought to the representative's attention. The major deficiencies were as follows:



a. Sta. 0+00, Tieback at northern end of project.



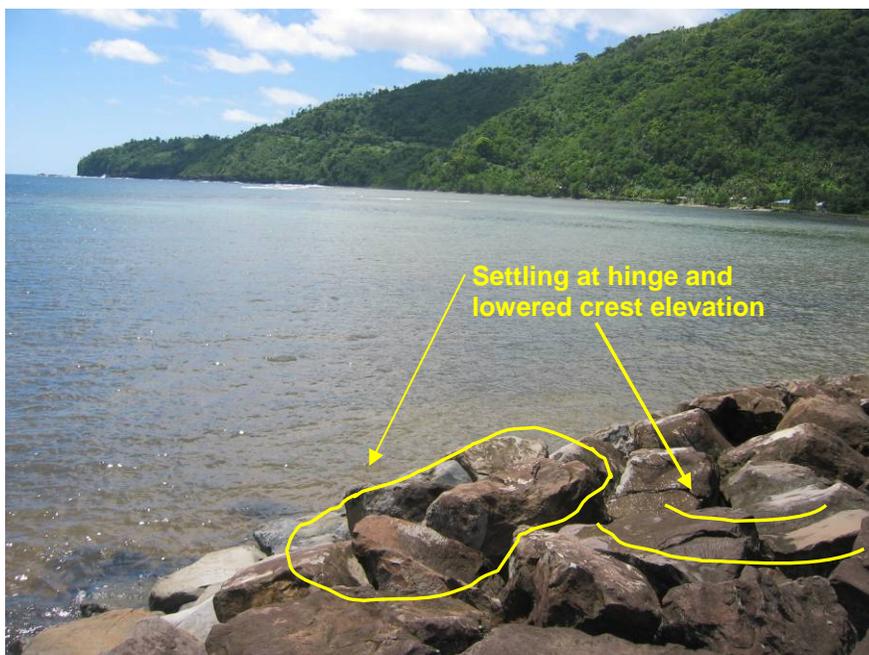
b. Sta. 0+00 - Sta. 0+40 (First Bend), Remove vegetation from interior sideslope of revetment, slight increase in vegetation since previous inspection, possibly newly planted trees. New utility pole at approximately 0+17.



c. Sta. 0+66, Settling, bulging, and steepening at exterior sideslope hinge. Sta. 1+01, Settling at exterior sideslope hinge and centerline of crest (3 stones). Monitor this area.



d. Sta 1+26, Vines noted on interior of bend in 2004 inspection have been removed, but trees and shrubs continue to grow. Remove juvenile trees from structure and within 5 feet of interior toe.



e. Sta 1+26, Some settling at bend in structure on hinge, and lowered crest elevation. Monitor this area.



f. Sta 1+67, Minor settling at crest and sideslope. Monitor.



g. Sta. 1+91, Juvenile tree at centerline of crest has been cut but not entirely removed. Remove completely.



h. Sta. 2+14, Settling of single stone at crest, monitor.



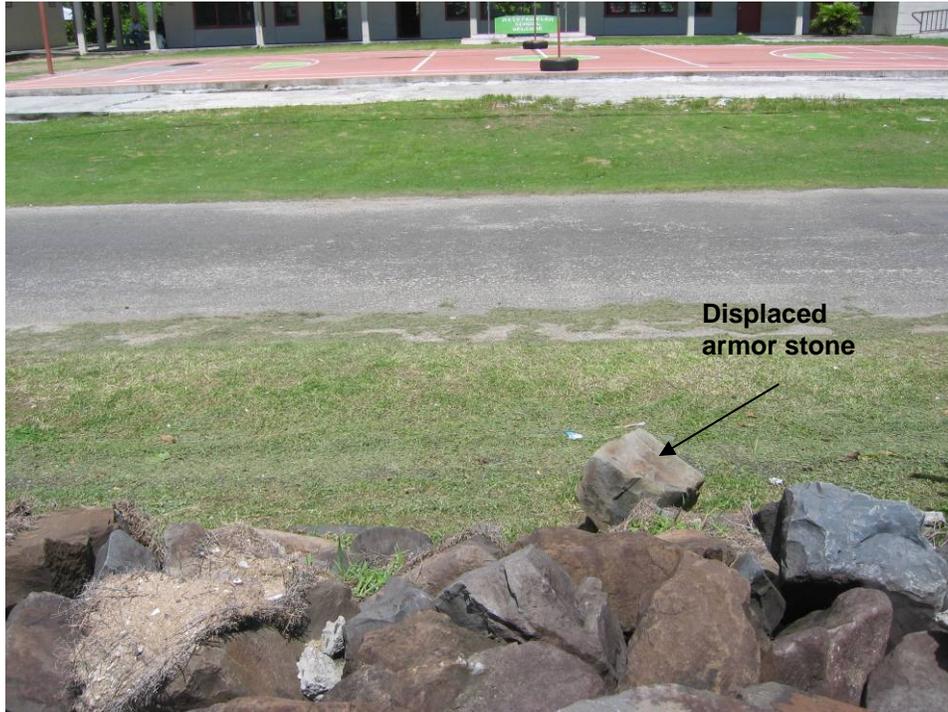
e. Sta. 2+43, Tree at centerline of structure has been cut but not entirely removed.



f. Sta. 2+47, Remove small tree on crest.



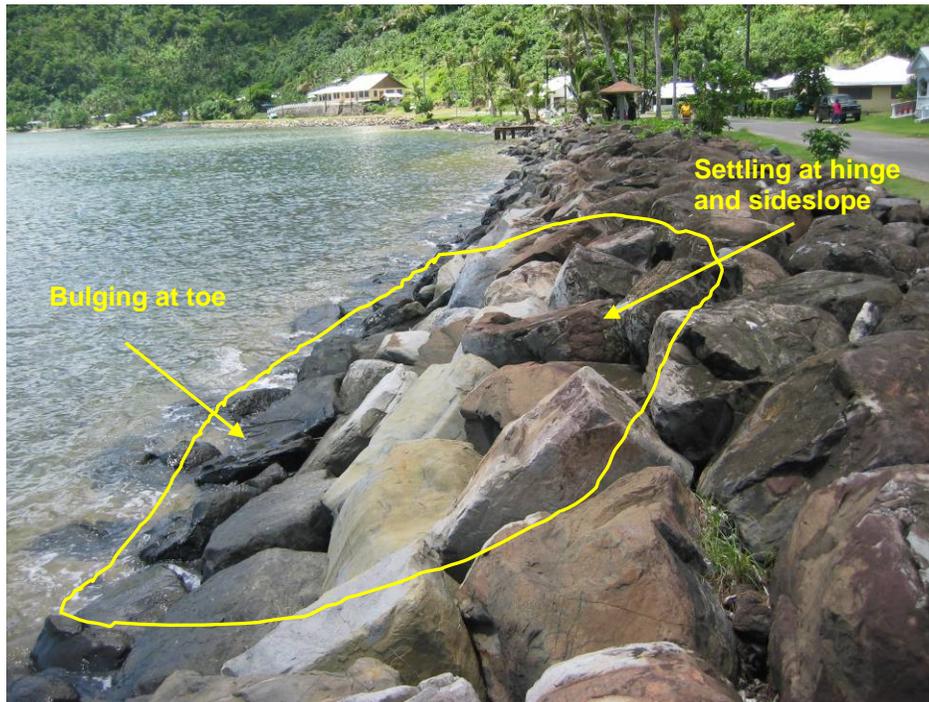
g. Sta. 2+50, Overview of interior side slope. Remove sod/grass on slope and small trees growing at interior of structure.



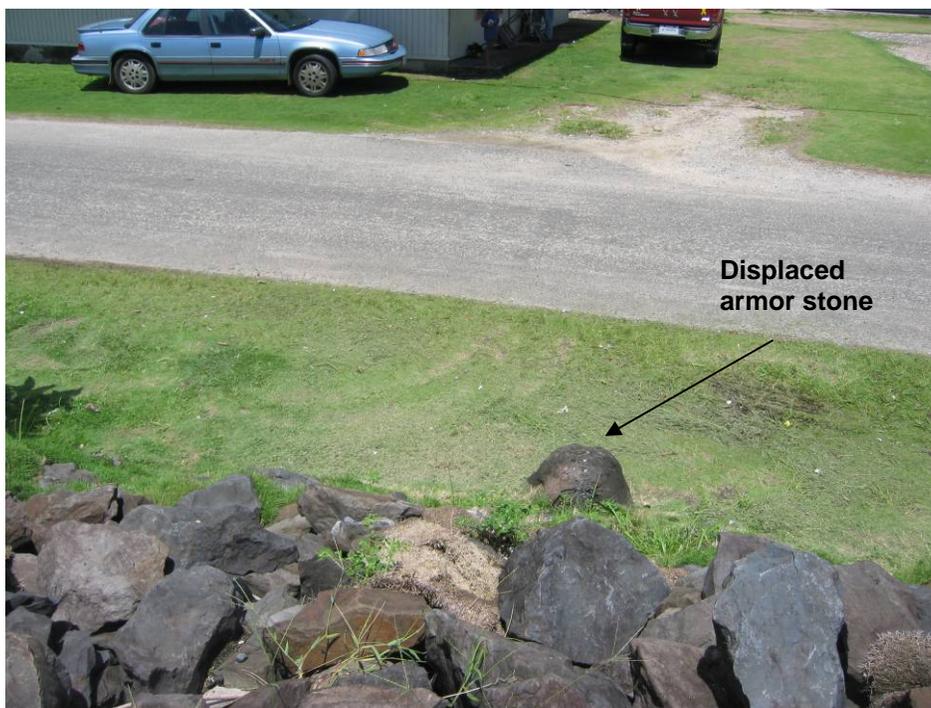
h. Sta. 2+62, Displaced armor stone at interior of revetment. Reset stone.



i. Sta. 2+67 to 2+72, Remove vegetation at centerline of crest.



j. Sta. 3+00 to 3+33, Continued settling of armor stones along hinge exterior sideslope, some bulging at structure toe. Monitor.



k. Sta. 3+14, Displaced stone at interior of revetment. Reset.



l. Sta. 3+55, Settling at crest and exterior sideslope. Remove vegetation to end of project.



m. Sta 3+87, Remove extensive vegetation at interior of structure.



n. View of vegetation from end of structure.



o. Overview of interior of revetment facing south. Remove juvenile trees within 5 feet of structure toe.



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6. Notes / Recommendations:

Structure is in good condition with minimal damage. The focus of the maintenance required should be directed at vegetation control. Removal or herbicides are recommended in lieu of cutting. DPW has been requested to remove all vegetation on interior slope of revetment along its length.

Signed: \_\_\_\_\_  
Jessica Hays, CEPOH-EC-T

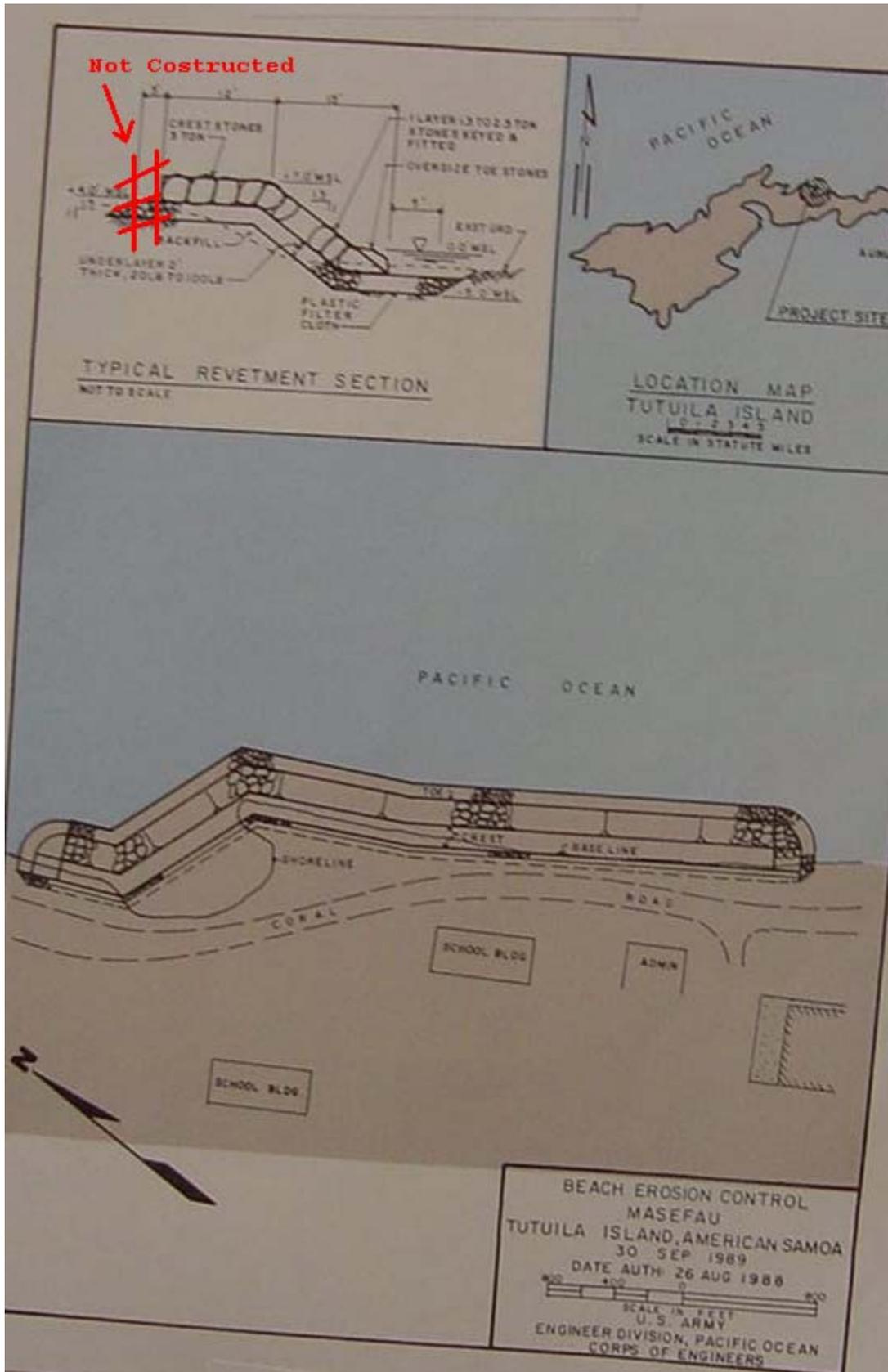
Signed: \_\_\_\_\_  
Jim Pennaz, P.E., Ch, CEPOH-EC-T

Attached:  
Project Index Map



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MASEFAU BAY, AMERICAN SAMOA

CONDITION OF IMPROVEMENT 30 SEPTEMBER 1993

PREVIOUS PROJECTS: None.

EXISTING PROJECT: Authorized for construction on 26 August 1988 under Section 14 of the Flood Control Act of 1946, as amended. Provides for the placement of approximately 525 feet of armor stones along Masefau Bay shoreline.

PROGRESS OF WORK:

Completed and Under Maintenance: A construction contract for Lepua Area and Masefau Bay, awarded in September 1989 was completed in September 1991 for \$1,803,052 of which \$331,225 was for Masefau Bay.

Work Remaining: None.

COST OF CONSTRUCTION:

	<u>New Work</u>
United States Funds	<u>\$500,000</u>
Total Costs	\$500,000