

**JOB PROJECT REPORT
DEVELOPMENT PROJECT SEGMENT**

STATE: Territory of Guam

PROJECT NO: F-2-D
SEGMENT: 7

PROJECT TITLE: Merizo Pier and Boat Ramp Facility (2331)

PERIOD COVERED: October 1, 1997 to September 30, 1998

SUMMARY

The Merizo pier and boat launching ramp facility is used extensively by the public. Damage from vandalism, exposure to the elements, and heavy use makes it necessary to renovate the parking facility, replace the damaged boat launching ramp with a larger ramp, and repair the pier's rubber bumpers, lighting, and electrical system. Proposals to renovate and repair these facilities were submitted to the Department of Administration in FY95, then submitted to the Department of Public Works in FY96. In FY97, final engineering plans and specifications were approved by the Department of Public Works and a contract for the project was awarded. During FY98, the contract to repair the pier and renovate the boat ramp and parking facility was awarded to Rex International Corporation. The project is being administered by the Department of Public Works and should be completed during FY99.

OBJECTIVES

To repair the Merizo public pier and replace the existing recreational boat ramp facility with a new multi-lane boat launching ramp and an improved parking facility.

RESULTS

During FY97, the final engineering plans and specifications for the renovation of the Merizo boat launching ramp facility and the repair of the Merizo pier were completed and approved by the Department of Public Works. The contract for the project, Project No. 350-5-1019-L-MER entitled "Upgrading of the Merizo Boat Launching Ramp Facility (Design-Build) and Repair of Merizo Pier," was awarded to Rex International, Inc. for \$678,200. During FY98, the damaged upper rubber bumpers on the south side of the pier were repaired and replaced, and the damaged lower rubber bumpers around the entire pier were removed and replaced with the bumpers attached to galvanized channels rather than cresol treated wood. Also, the electrical system on the pier was upgraded and damaged light posts replaced. During FY98, the permitting process to replace the damaged single lane boat ramp and renovate the parking facility was completed. The Department of Public Works will issue a Notice to Proceed during early FY99, and the project should be completed during FY99.

An additional work item was also awarded to Rex International, Inc. during FY98 to remove and dispose of the present ladders on the pier, replacing them with ladders constructed of two-inch galvanized pipe, similar to the ladders used at the Agat Marina. The present ladders on the pier have been damaged yearly from corrosion and heavy use, especially from large boats tying on them rather using the pier cleats. Also, two ladders were intentionally bent and used as makeshift springboards. The new ladders are necessary to withstand the heavy use by the public. This project should be completed during FY99.

RECOMMENDATIONS

During FY97, it was recommended that a vehicle barrier be placed at the front of the pier to prevent unauthorized vehicles, including large commercial trucks, from driving onto the pier. It is recommended to complete this during FY99. Also, damage done to the lights on the south end of the pier could have been caused accidentally by fishermen hitting the lights while casting with lead weights. The light posts should be inspected periodically for this type of damage, and perhaps some sort of barrier be designed and placed around the light assembly. Several cleats on the pier were pulled out and bent out of place during FY98. The cleats were not damaged, but the lag screws anchoring the cleats to the pier were damaged. Cleats on the pier, which are used more extensively and have been regularly bent should be replaced with cleats having larger anchors during FY99.

PROJECT COST

The estimated cost of this project was \$178,122.

This report was prepared by: Thomas Flores, Jr.