

Factsheet

Fagaloa Bay Road Reconstruction

Roads & Highways

Project Title

Fagaloa Bay Road Reconstruction

Location

Eastern Upolu, Samoa

Client

Ministry of Works, Transport
& Infrastructure (MWTI)

Project Type

Roads

Year Completed

2006



Project Description

Kramer Ausenco was involved with the Contract Supervision and Administration of the Fagaloa Bay Road Reconstruction Contract for the entire 7 month construction period.

Kramer Ausenco Samoa provided a Project Director, Project Administrator and a Project Superintendent on behalf of the Government of Samoa and MWTI.

The project was located in a very mountainous area which experienced very high and heavy rainfall events. The existing 3.9km of road was completely reconstructed from subgrade level, widened from 4m to 6m wide with a 4m wide 2 coat chip seal surface applied. In addition extensive road widening and re-battering of banks was undertaken. Approximately 50 No. cross road culverts were installed

ranging in size from 750 dia. to 1500 dia. As well as single and twin box culverts ranging in size from 2.4m wide x 1.2m high. Extensive stream and roadside drainage protection works were also incorporated in the contract works. Over 370 lineal meters of Guardrail as well as 30 No. warning signs were also installed. Materials and end product testing was undertaken by a sub-contractor, which involved approval of 2 local quarries as sources for all pavement materials.

Project Role

- Structural Engineers
- Civil Engineers
- Project Management