

## Aua Road Project, American Samoa

### Client

McConnell Dowell Constructors.

### Project

The American Samoa Government funded Aua Road Project was a design-build contract involving the upgrade of a steeply graded road. The road provides access to the settlement of Aua in American Samoa.

The works included concrete pavement construction, drainage improvement, bridge construction and landslip protection work.

### Services provided

- Geotechnical investigations
- Detailed civil design
- Hydraulic modelling and drainage design
- Pavement design
- Bridge design
- Construction consulting services.

### Value

UDS \$ 3.06 M.

### When

Awarded: November 1996

Completed: March 1998.

### Challenges

The investigations revealed a number of major landslips along the alignment for which a range of

cost effective design measures were constructed to investigate the risk to traffic. Full remediation was not economic given the low density of traffic and final design details were jointly developed in close consultation with McConnell Dowell. Concrete paving was adopted for the steep alignment where grades were up to 20%.



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