

Project: Hawaii Belt Road,
Seismic Retrofit of Kaholo Stream Bridge

Project No.: to be determined

BACKGROUND

Project Location.

The proposed Seismic Retrofit work is located on the Island of Hawaii in the Hamakua District. The Kaholo Stream Bridge is located on the Hawaii Belt Road, Route 19 (Milepost 30.9)

Project Purpose.

The purpose of this project is to provide structural analysis of the existing structures for seismic loads.

DESIGN SCOPE OF SERVICES

The CONTRACTOR shall provide engineering services including, but not limited to: structural, civil, environmental, planning, landscape architecture, electrical, surveying, and geotechnical engineering to complete the Project.

The scope of work for this project includes preparation of complete designs, plans, specifications, cost estimates, schedules, studies, reports, permits and other items necessary for the construction of the project. This project includes site analysis, a structural analysis of the existing structures for seismic loads, developing seismic retrofit strategies for the superstructure, substructure and foundation of all bridges in this project. This project will be phased to include: a Preliminary Design and NEPA Phase (PE1); and a Final Design Phase (PE2).

TOTAL DESIGN TIME: PE1 - 16 months; PE2 – 8 months.