

ABSEIL ACCESS LTD

Reference Project

Suspension Bridge Construction

Location: Waiohine Gorge, Tararua Forest Park

Date: June 2007

Client: Department of Conservation

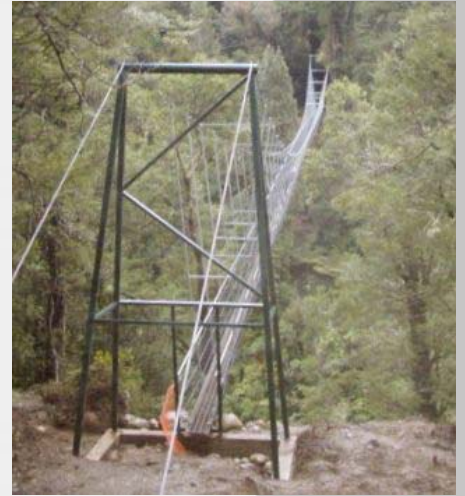
The Waiohine river runs on the Eastern side of the Tararua into Greytown. This new bridge replaces the old swing bridge across this spectacular 40m deep gorge. It is the start of several tracks into the range and is also a popular tourist viewpoint.

Abseil Access Ltd won the tender to manufacture and install the 124m long suspension bridge that spans 94m across the top of the gorge.

The project involved digging tower foundations and an anchor block trench 2m deep. 6m³ of 20mpa concrete was poured to secure the 4 anchor rods and foundations for the 7m steel towers. A helicopter was required for transportation of the digger, towers and steel components and for pouring the 15 tons of concrete.

The 26mm galvanised cables support 44 steel hangers. An aerial cableway and rope access skills were required to install these heavy items over the deep gorge.

The project was completed within the designated construction period despite the continuous wintry conditions.



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