

ABSEIL ACCESS LTD

Reference Project

Suspension Bridge Construction

Location: Karori Wildlife Sanctuary,
Wellington

Date: Oct 2008

Client: Karori Wildlife Sanctuary

The Karori Wildlife Sanctuary is a unique inland island. It is surrounded by a 8.6km predator proof fence which protects a variety of NZ native creatures and birds. It is open to the public and gets over 70,000 visitors annually.

Abseil Access Ltd won the tender for the construction of the 43m suspension bridge which spans the creek on the Beech track. Frame Group Auckland designed the structure, capable of holding 4kPa live load and large groups of people.

The 900kg 12m tower poles were installed by helicopter. The towers support 32mm cables anchored to 200kN rock bolts. The transomes and beams are glue laminated construction. An aerial cableway and rope access skills were required to install these heavy items over the deep gorge.

Working inside the pest free environment required additional care and precautions. The project was completed within the designated 12 week construction period.



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