

Reference Project

Bridge Refurbishment

Timber, Steel & Concrete Repair Plus Coating Application

Location Taihape-Napier Road

Date April 2014

Client Heritage NZ

Consultant Frame Group

The historic Springvale Suspension Bridge spans the Rangitikei River on the Taihape - Napier road. Built between 1923 and 1925, it was the first engineering heritage structure to become the property of Heritage New Zealand in the late 1970s and is now registered as a Category 2 historic place (Register no.7535).

Abseil Access Ltd won the tender to refurbish the rustic timber bridge. Our specialist bridge construction and repair team had the expertise and equipment to handle the challenge.

The work included:

- Exposing, cleaning and corrosion protection of the main cable, anchor block and anchor bars,
- Replacement of 10% of the timber decking,
- Washing and repairing concrete spalling on the towers,
- Tightening of bolts and steel tie components,
- Application of corrosion protection to steelwork,
- Washing and application of preservative treatment to the hardwood timber
- Improvements at the access points

We supplemented our rope access abilities with rolling under deck scaffold. This allowed for continuous application of timber treatment and a very cost-effective solution.

Our satisfied client and compliments from the local residents on the completed project are the final satisfaction Heritage NZ "We were very happy with your work and this was definitely one of our most successful projects this year. We thought it all went very smoothly from a client's perspective".

