

# ABSEIL ACCESS LTD

## Reference Project

### Swing Bridge Construction

Location: Upper Scone Creek,  
South Westland

Date: Sept 2009

Client: Department of Conservation



Scone Creek is a major tributary of the Perth River that rises deep in the Southern Alps. The bridge crosses a 20-metre deep and 20-metre wide ravine on the track from Scone Hut into the Upper Scone catchment. The bridge is at an altitude of 700m.

Abseil Access Ltd won the tender to manufacture and install the 20 metre long timber deck swing bridge and remove the old six-wire bridge. The design was by DoC engineer Jon Calder.

Two tons of equipment was flown in and the crew of four stayed in the Scone Hut, 45 minutes walk away. Both concrete tower foundations were drilled and grouted into the rock embankments.

The 1.2m RB20 anchor rods support 16mm galvanised cables and 12 steel hangers. The new structure was built one metre above the old swing bridge, which was removed as part of the tender.

The Abseil Access bridge building crew completed the project within the five days allocated, despite adverse weather including snow and high winds.



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