

Reference Project

Bridge Construction

27m long swing bridge built on the Copeland Track, Westland National Park, South Island

Location McPhee Creek on the Copeland Track, South Westland
Date November 2020
Client Department of Conservation

Abseil Access won the tender for the rebuild of the 27m single width swing bridge across McPhee Creek on the Copeland track, South Westland.

The work included:

- Living in a basic hut at 200m in the native forest zone for 3 weeks.
- Helicopter transportation of all materials and the camp.
- 4hr walk from the road end.
- Drilling 8 anchors to 1.2m deep in bedrock.
- Hand mixing 1m³ of concrete
- Axial pull testing of all anchors to 200kN.
- Full construction in Bezinal coated cables and T6 aluminium alloy.

Our bridge building team met the challenge of west coast wilderness with the construction of this bridge. The track remained open with the public being carefully directed through the site.

The build was completed in 3 weeks and passed the load test.

