

Reference Project

Bridge Construction

36m long swing bridge built in the South Westland National Park, South Island

Location Chasm Creek on the Haast Paringa Track, South Westland
Date October 2022
Client Department of Conservation

Abseil Access won the tender for the rebuild of the 36m single width swing bridge across Chasm Creek at Maori saddle on the Paringa track, South Westland.

The work included:

- Living in a basic hut at 650m in the native forest zone for 5 weeks.
- Helicopter transportation of all materials and the camp.
- 5hr walk from the road end.
- Working at heights over a deep chasm
- Drilling 16 anchors to 4m deep in poor ground.
- Drill and blast to establish good foundations
- Hand mixing 2m³ 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 and through the gorge.

The build was completed in 4 weeks and passed the load test.

