



Will be considered to be released in full

## MIN-4024 Mangamuka Gorge Phases of Work

1 December 2022

Provide a clear/simple breakdown of the phases of work for State Highway 1 (SH1) Mangamuka Gorge as part of the Far North State Highway Resilience Programme.

### Waka Kotahi NZ Transport Agency's response:

The Far North State Highway Resilience Programme includes three phases of work which will have some overlap:

#### Phase 1: Immediate recovery work – completed by March 2023

- Waka Kotahi now has \$14M of funding to undertake emergency work to protect the road from further damage. This involves crack sealing, drainage, installing bunds to divert rainfall and further slip clearing to prevent further movement of slips.
- Phase 1 also includes work on SH10 to ensure it is working efficiently, such as the repair of three slips and accelerated strengthening of the Waitangi River and Palapara bridges. This initial work is expected to be completed by March 2023 and is already well under way.
- While this work will protect the Gorge from further damage, SH1 will need to remain closed.

#### Phase 2: Re-opening SH1 Mangamuka Gorge

- Waka Kotahi supports the need for full remediation of SH1 Mangamuka Gorge; investigations and design work are underway to fix slips and return the Gorge to its original condition (prior to the August 2022 weather event).
- Waka Kotahi won't have a timeline for re-opening the Gorge until it has confirmation of funding, design, and procurement. However, it is focused on expediting the reopening of the road, noting however that there will be an extensive recovery programme.

#### Phase 3: Mangamuka Gorge longer term

- With unstable ground conditions in the Maungataniwha Ranges, along with ongoing impacts of climate change, the Mangamuka Gorge will be challenged with resilience issues for many years to come.
- Waka Kotahi is thinking strategically about its next steps and will investigate how it can ensure the Far North roading network will stand the test of time, and how this type of work could be funded.
- Waka Kotahi will share more information about possible options for longer-term solutions by mid-2023.