

Cyclone Gabrielle Recovery Report | 21 September 2023

Reporting Period: 14/09/23 – 21/09/23

Weekly update on Cyclone Gabrielle recovery activity

Overall approach

Phase 1: Emergency response Open temporary emergency access and lifelines to affected and isolated communities. Some customer access is likely to be restricted, for example, freight.

Phase 2: Providing access for communities Once lifeline connections are established, start to lift the level of service, to support community access. This includes assessment, stabilisation, minor works and some maintenance.

Phase 3: Rebuild and betterment for the long term Undertaking permanent rebuild alongside our partners.

Northland

SH1 Brynderwys

- The preferred rebuild option for the current alignment has been selected.
- Funding and assurance requirements are being finalised.

SH1 Dome Valley

- Recovery work has commenced.
- A delivery programme is in place.
- Work at Sheep World is complete
- Planning is underway for a one-way closure to commence before the end of 2023.

SH1 Mangamuka Gorge

- Working at pace from both north and south.
- The project is running both day and night shifts with the maximum possible amount of resource now mobilised in the Gorge.
- The expected opening date is trending towards quarter 3 2024.

SH12

- Recovery design work is in progress on this corridor. Some areas remain under traffic management.

Coromandel

SH25A Kōpū to Hikua

- Remains closed to all vehicles until further notice.
- SH25A west – Benching work to fully stabilise a large overslip continued throughout the week. Final works on this site took place Monday 18 September including the removal of a significant quantity of slip felled vegetation.
- The Gurnick culvert replacement is underway.
- Clearance of the remaining carriageway slips on the eastern side of SH25A continued throughout the week. Works to bench large slips and safeguarding drainage assets took place. These works included the jetting of a number of additional blocked culverts.
- Vegetation team continue to remove hazardous trees.
- Bridge strengthening work is ongoing.

SH25A Taparahi Bridge

- Remains on programme with fabrication of the girders complete and 5 out of 15 coated.
- Piling work at Pier C continues
- Work has commenced on the abutment formwork and reinforcing cages.
- Coordination meetings with SH25A wider corridor works are underway.

State Highway 25 Coroglen underslip

- Commenced with tree removal ahead of slip repairs

State Highway 25 Pumpkin Hill

- Works completed, however there is some additional work following a heavy rain event on 10 September 2023, which involves reforming a land drain across private land. This has been added to scope and will be completed this month.

Tairāwhiti

SH35:

- Remains open with works being carried out on multiple sites under TTM.

SH2 Asphalt Concrete Programme:

- The AC programme continues on SH2 north of Gisborne with works being carried out at night.

SH2 Foamed Bitumen Stabilisation pavement work

- This work is ongoing.

SH2 North between Te Karaka and Matawai

- Due to multiple dropouts, this section of road is operating under temporary traffic lights until further notice.

Hawke's Bay

SH5:

- Emergency works along SH5 continue to progress.
- The **Esk Forest** under slip has been backfilled to road level with final kerb and channel and drainage constructed and to be followed by pavement and surfacing reinstatement. The road will be open to 2 lanes in late September 2023.
- The repair for the dropout at **Elands** is also near completion and will be open to 2 lanes in late September 2023.
- Construction has started at **Captains Culvert**, another site where the road is one lane. We estimate this work will take 6-8 weeks to complete.

State Highway 2 between Napier and Wairoa

- Is open and functioning well.
- With the establishment of Transport Rebuild East Coast (TREC) in progress, recovery works at **SH2 Te Ngarue Culvert** and **Devil's Elbow** are being prioritised and works are soon to commence to reinstate for 2 lanes of traffic.
- Further north at **SH2 Mōreere**, drainage and stormwater control works are underway to mitigate the hillside landslip, while a repair is designed.

Key updates

- SH25A Taparahi Bridge remains on programme with fabrication of the girders complete and 5 out of the 15 coated. Piling work at Pier C continues. Abutment formwork and reinforcing cages work has commenced.
- SH1 Mangamuka Gorge. Works continuing at pace with the maximum amount of resource. Expected opening date is trending towards quarter 3 2024.



Taparahi is a 124m three span composite bridge

With a concrete substructure, steel superstructure and pre-cast concrete deck.



An estimated 80,000 square metres of Asphalt will be laid

as part of the AC programme north of Gisborne.



There were 15 significant slips

In the Mangamuka Gorge as a result of the August 2022 event.



Taparahi Bridge works SH25A, Coromandel

New Zealand Government