

# Cyclone Gabrielle Recovery Report | 07 September 2023

Reporting Period: 01/09/23 – 07/09/23

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.

## Key updates

- SH25A Taparahi Bridge remains on programme with soil nailing, associated drainage works underway and abutments being poured. Bridge beam production and protection works are ongoing.
- Foamed bitumen stabilisation pavement work on SH2 in Tairāwhiti is back underway having been on hold for the month of August due to inclement weather.

## Tairāwhiti

### SH35:

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

### SH2 Asphalt Concrete Programme:

- The AC programme is up and running with works being carried out at night.

### SH2 Foamed Bitumen Stabilisation pavement work

- Foamed bitumen stabilisation pavement work is back underway having been on hold for the month of August due to inclement weather.

### 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 construction underway. This will be followed by pavement and surfacing reinstatement. The road will be open to 2 lanes in September 2023.
- The repair for the dropout at Elands is also estimated to be finished early 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

- 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 Morere**, drainage and stormwater control works are underway to mitigate the hillside landslip, while a repair is designed.



## 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.



## It will take around 6-8 weeks

To fix the damage caused by the cyclone at Captain's culvert between Te Pōhue and Te Hāroto.



Mangamuka Gorge works SH1, Northland

## Northland

### SH1 Brynderwyns

- Physical delivery is now programmed.
- Investigations are ongoing regarding how best to enable various recovery options.

### SH1 Dome Valley

- Repair work has commenced.
- A delivery programme is in place.
- Work at Sheep World is nearing completion.
- Planning is underway for a one-way closure to commence in mid-October.

### 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 the 3<sup>rd</sup> quarter 2024.

### SH12 / SH14 / SH15

- Recovery work has commenced on these corridors.

## Coromandel

### SH25A Kōpū to Hikuai

- Remains closed to all vehicles until further notice.
- Bridge strengthening works are ongoing as part of the acceleration of the rebuild works whilst the road is closed.

### SH25A Taparahi Bridge

- Remains on programme with soil nailing, associated drainage works and abutments being poured.
- Bridge beam production and protection works are ongoing.
- The first girders are due to site in early October.

### SH25 Ruamahunga Bay Overslips

- Additional geotechnical investigations are underway.

### State Highway 2 Karangahake Gorge Stockpile

#### Scour

- Works started on Tuesday 29 August and are ongoing.