

# Cyclone Gabrielle Recovery Activity

## Minister's Weekly Update

15 September 2023



# Waka Kotahi three phase response to the impacts of Cyclone Gabrielle

Phase	Description	Current state
One: Emergency Response	Open temporary emergency access and lifelines to affected and isolated communities. Some customer access is likely to be restricted (e.g. freight).	State Highway 25A in the Coromandel is the only part of the network that is still closed due to damage caused by Cyclone Gabrielle.  Traffic management and speed restrictions are in place on State Highway 2 between Napier and Wairoa, as well as between Gisborne and Ōpōtiki, while repairs continue.
Two: 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.	Initial assessments have been completed, detailed assessments continue for specific areas of the network.  Maintenance and Operations teams are continuing to repair at-risk sites, while rebuild strategic planning is underway.
Three: Rebuild and betterment for the long term	Undertaking permanent rebuild along side our partners.	Strategic Planning is underway for three regions – Northland, Coromandel and East Coast – and is expected to be complete and endorsed by late September 2023.

# Road status- Key operational progress updates

Overall



RAG status (arrow) colour shows status and the arrow direction shows change from the last report.

## Northland

- **State Highway 1, Mangamuka.** Contractors continue to work across both day and night shifts. The expected opening date is trending towards the third quarter of 2024.
- **State Highway 1, Brynderwyns.** The preferred repair option has been selected. Funding and assurance requirements, as well as cashflow implications are being finalised. Meeting with Value, Outcome, Scope (VOS) committee is later this month. Resurfacing renewals have been approved to be brought forward.
- **State Highway 12.** Recovery design work is in progress on this corridor. Some areas remain under traffic management.
- **State Highway 1, Dome Valley.** Recovery work has commenced, and a delivery programme is in place. Work at the site near Sheep World is complete. Planning is underway for a one-way closure to commence in mid-October 2023.
- **State Highway 16.** Investigation options at Lookout Hill and Omeru Reserve are in progress, this work is now classified as resilience with only design funding at this stage.

## Coromandel

- **State Highway 25A, Kopu to Hikuai** remains closed to all vehicles until further notice. Bridge strengthening works are ongoing as part of the acceleration of recovery work whilst the road is closed. The Gurnick culvert replacement is underway.
- **State Highway 25A, Taparahi bridge** remains on programme with soil nailing, associated drainage works and abutments being poured. Bridge beam production and protection works are ongoing. Quality Assurance on bridge girders is underway with some positive results to date. The team is working 24/7 when possible and the number of opportunities to do so will increase in the near future, once groundworks are completed.
- **State Highway 25 Ruamahunga Bay.** An updated concept has been received from GSI (GeoStabilization NZ Ltd) and a meeting with our Subject Matter Expert team has been programmed for this week.
- **State Highway 2 Karangahake Gorge Stockpile Scour.** Work is ongoing. The stockpile site has been cleared creating space for further clean up works to be completed. River wall repairs are ongoing.
- **Coroglen underslip.** Work at this site commences 17 September 2023.
- **Thornton Bay Sign Underslip and Seawall** (Tomo & Face Grouting). The tomo has been filled and seawall repairs underway.

# Road status- Key operational progress updates

## Overall



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### Tairāwhiti

- **State Highway 35** is open with works being carried out on multiple sites under temporary traffic management. The network remains fragile, and we continue to monitor for any changes with weather events.
- Foamed bitumen stabilisation<sup>1</sup> pavement work on **State Highway 2, Waioeka Gorge** and **State Highway 2 Wairoa to Gisborne**, is ongoing.
- Due to multiple dropouts and overslips, **State Highway 2 north between Te Karaka and Matawai** is operating under temporary traffic lights until further notice.
- The Asphalt Concrete programme continues on **State Highway 2 north of Gisborne** with works being carried out at night.

### Hawke's Bay

- **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 **State Highway 2 Te Ngarue Culvert** and **Devil's Elbow** are being prioritised, and works will soon commence to reinstate to two lanes of traffic. Further north at **State Highway 2 Mōrere**, drainage and stormwater control works are underway to mitigate the hillside landslide, while a repair is designed.
- Emergency works along **State Highway 5** continue. The **Esk Forest** underslip has been back filled to road level, with final kerb and channel and drainage construction underway, to be followed by pavement and surfacing reinstatement. The road will open to two lanes in September 2023. Repair for the dropout at **Elands** is also near completion and will open to two lanes in September 2023. Completion of these works will reduce the number of sites under traffic control and will be a noticeable improvement for road users. Construction has started at **Captains Culvert**, another site where the road is currently down to one lane. A potential archaeological discovery is being investigated. Other works nearby continue; it is estimated this work will be complete by the end of October 2023 and reinstated to two lanes of traffic.
- Works continue at a large number of storm damaged sites along **State Highway 2, State Highway 5 and State Highway 38**. The number of locations subject to temporary speed restrictions and traffic management are reducing.

<sup>1</sup> Foamed bitumen stabilisation (FBS) involves in situ stabilisation of pavement materials with bitumen as the primary binder. The process is used to improve the strength of granular materials, while retaining a flexible pavement. The advantage of FBS is that its more resistant to moisture once compacted and it can be opened to traffic much earlier than cement-bound products.



# Transport Rebuild East Coast (TREC) Alliance

- There are now 80 people seconded into TREC, with 60 more joining in the next month. Local recruitment advertising is planned in the coming weeks. It is expected the team will grow at pace now to be ready for the Spring/Summer season.
- Three shortlisted preferred proponents for the Professional Services Sub-Alliance partners have been notified. Pre-let phase still underway with shortlisted preferred suppliers for the Professional Services Sub-Alliance. Following that there will be a subsequent process to procure additional professional service providers, focused on local businesses in line with the TREC Alliance objectives.
- Procurement information sessions with the subcontracting market have been successfully completed in Gisborne, Napier and Wairoa, with separate visits to Te Karaka and Ōpōtiki. The first contractor's newsletter has been sent to those that have registered with TREC. Registration of Interest will be sent out and advertised on the Government Electronic Tender Service (GETS) next week.
- TREC planning is underway and we have prioritised sites for our programme management into Priority 1, 2 and 3 sites. Local/iwi contractors who are prequalified to work for Waka Kotahi will be engaged for these early/critical works.
- TREC's first mobilisation of a crew to site for recovery work started this week at Te Ngarue Culvert and other sites will follow.
- The transition of the existing maintenance contracts into the alliance is underway, with the targeted full handover date being 1 October 2023.
- TREC hubs/offices in Gisborne, Napier and Auckland have been secured and the process of securing space in Christchurch is ongoing.

## Resilience Strategic Recovery Frameworks

- The Whangārei to Dome Valley, Coromandel Hauraki and Hawke's Bay approaches are on track to seek endorsement from the Waka Kotahi Board in late September 2023.

# Bailey Bridges

Funding is currently being confirmed to replace Bailey bridge stock, a need that stemmed from the use of most reserve stock to replace the bridges destroyed during Cyclone Gabrielle. A decision on funding and procurement is expected in September 2023.

Work is also underway to repair damaged components to increase the availability of Bailey bridge stock located across the North and South Island.

PRIORITISED BAILEY BRIDGES AND STATUS			
Bridge & Name	Road Controlling Authority	Status	Bailey Bridge Opening
Opoiti Bridge on Tiniroro Road	Wairoa District Council	Bridge installation completed	23 February
Rissington Bridge on Puketitiri Road	Hastings District Council	Bridge installation completed	31 March
Makiekie (Coal) Creek Bridge on Pohangina Road	Manawatu District Council	Bridge installation completed	21 April
SH2 Waikare River Bridge	Waka Kotahi, Hawke's Bay	Bridge installation completed	14 May
Whanawhana Bridge on Whanawhana Road	Hastings District Council	Bridge installation completed	15 May
Moeangiangi Bridge on Waikare Rd	Hastings District Council	Bridge installation completed	13 June
SH35 Hikuwai No. 1 Bridge	Waka Kotahi, Gisborne	Bridge installation completed	14 June
Mangatutu Low Level Bridge on Mangatutu Road	Hastings District Council	Bridge installation completed	15 June
Follies Bridge on Waihou Rd	Hastings District Council	Bridge installation completed	13 July
Awatere Bridge on East Cape Rd	Gisborne District Council	Bridge installation completed	22 July
Ellis-Wallace Bridge on Ellis Wallace Road	Hastings District Council	Bridge installation completed	11 August
Hollywood Bridge on Bushy Knoll Road	Gisborne District Council	Mabey bridge will be used due to span required. Bridge construction has been completed and approaches will be built over the coming weeks.	Mid September
Te Reinga Bridge on Ruakitura Road	Wairoa District Council	Existing bridge has been demolished. Single span Bailey between the staging works to be installed. Current indication is works beginning in mid - late Spring.	November

Other Bridges	Road Controlling Authority	Status update
Arapaoanui low level bridge	Hastings District Council	Access established
Dartmoor bridge	Hastings District Council	Access established
Matapiro bridge	Hastings District Council	Temporary access established. Options are being considered for the permanent structure.
Crownthrope bridge	Hastings District Council	HDC currently have the site open to light vehicles under traffic management while they continue construction.
Brookfield Bridge	Hastings District Council	Resilience options for determining the outcome.
Te Puna bridge	Hastings District Council	RCA advised that alternative solution was being pursued.
Puketapu bridge	Hastings District Council	Proposing solutions for access, working through design.
Darkeys Spur no.1 bridge	Hastings District Council	Large scale works required
Mclvars culvert	Hastings District Council	Temp access established. Permanent solution initiated for resilience.

# Funding update at 13 September 2023

## North Island Weather Events (NIWE)

Update on 2023/24 funding approvals and amounts claimed (both response and recovery):

2023/24 \$million	Approved as at 4-Sep-23	Approved as at 11-Sep-23	Change since last week	Claimed as at 4-Sep-23	Claimed as at 11-Sep-23	Change since last week	Crown Funding Allocated <sup>1</sup>
Local Roads	170.3	170.3	0	28.8	32.5	3.7	137.5
State Highways	9.3	13.1	3.8	18.3	45.6	27.3	415.5
<b>TOTAL</b>	<b>179.6</b>	<b>183.4</b>	<b>3.8</b>	<b>47.1</b>	<b>78.1</b>	<b>31.0</b>	<b>553.0</b>

<sup>1</sup> The allocation of Crown funding is notional and can be adjusted based on demand.

### Key Points:

- TREC is being formed to carry out recovery work on state highways and railways in Hawke's Bay and Gisborne regions. A funding request of \$218.8 million for 2023/24 and \$178.8 million for 2024/25 has been received and is under review.
- The highest of the State Highway claims were from Hawke's Bay (\$10.4 million), Gisborne (\$9.7 million) and Waikato (\$3.7 million).
- State Highway approval increase is due to additional approvals in the Hawke's Bay region.
- A funding request has been received from Auckland Transport for \$134.6 million in 2023/24 and \$44.0 million in 2024/25 under current Emergency Works policy Funding Assistance Rates (FARs). The request is under review and will be considered by the September 2023 Board.
- Local road claims received from Auckland Transport (\$3.6 million) and South Wairarapa District Council (\$0.1 million).
- Note the figures above exclude 2022/23 funding, for which the final claims (response) were: \$112.4 million for state highways and \$210.0 million for local roads.

**Note: All figures are NLTF share and relate to 2023/24 only, unless otherwise stated.**