

Cyclone Gabrielle Recovery Activity

Minister's Weekly Update

22 September 2023

Proactively Released

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.** A preferred repair option has been selected. Funding and assurance requirements, as well as cashflow implications are being finalised.
- **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 before the end of 2023.

Coromandel

- **State Highway 25A, Kopu to Hikuai** remains closed to all vehicles until further notice.
- **State Highway 25A (west):** Benching to fully stabilise a large overslip continued, with final works on this site taking place on 18 September 2023, including the removal of a significant quantity of slip felled vegetation. The felling of a significant number of very tall pine trees took place at another slip site as part of a wider slope stabilisation and benching plan. Priorities for clearance and remedial works were reconfirmed and a base programme established for the upcoming weeks.
- **State Highway 25A Gurnick's Culvert.** The work plan was established with the **State Highway 25A** Taparahi team and was also relayed to the Gurnick family. Work commenced on 19 September 2023 and will require 24-hour manned temporary traffic management.
- **State Highway 25A (east).** Clearance of the remaining carriageway slips continued, included jetting a number of additional blocked culverts. The vegetation team continue to remove hazardous trees. Bridge strengthening is ongoing.
- **State Highway 25A, Taparahi bridge** remains on programme, with fabrication of the girders complete and five out of 15 coated. Piling work at Pier C continues. Work has commenced on the abutment formwork and reinforcing cages. Coordination meetings with State Highway 25A wider corridor works are underway.
- **State Highway 25 Coroglen underslip.** Commenced with tree removal ahead of slip repairs.
- **State Highway 25 Pumpkin Hill.** Works complete, however some additional work is required following a heavy rain event on 10 September 2023. This involves reforming a land drain across private land which has been added to the scope and will be completed this month.

Road status- Key operational progress updates

Overall



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

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 following weather events.
- Foamed bitumen stabilisation¹ 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 backfilled to road level, with final kerb and channel and drainage constructed and to be followed by pavement and surfacing reinstatement. The road will soon open to two lanes. Repair for the dropout at **Elands** is also near completion and will soon open to two lanes. 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. 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.

¹ 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 it's 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 underway. 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 confirmed – they are Aurecon, WSP and Tonkin Taylor. Discussions are currently underway with several locally-based firms, as the alliance looks to secure the services of additional professional service providers – this will be focussed on local businesses.
- Registration of Interest for physical works has been sent out to contractors and suppliers who expressed interest in working with TREC. This will be 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 last week at Te Ngāruie Culvert and other sites will follow.
- The transition of the existing maintenance contracts into the alliance continues, 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 Tiniroto 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.	Late 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
Arapaunui 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 20 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 11-Sep-23	Approved as at 18-Sep-23	Change since last week	Claimed as at 11-Sep-23	Claimed as at 18-Sep-23	Change since last week	Crown Funding Allocated ¹
Local Roads	170.3	170.3	0	32.5	61.0	28.5	137.5
State Highways	13.1	13.1	0	45.6	45.6	0	415.5
TOTAL	183.4	183.4	0	78.1	106.6	28.5	553.0

¹ 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 \$164.7 million for 2024/25 has been received and is under review.
- 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. The request is under review and will be considered by the September 2023 Board.
- The largest of the local road claims received this week were: Hastings District Council (\$11.9 million), Gisborne District Council (\$11.8 million) and Tararua District Council (\$2.7 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.