

Cyclone Gabrielle Recovery Activity

Minister's Weekly Update

1 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).	<p>State Highway 25A in the Coromandel is the only part of the network that is still closed due to damage caused by Cyclone Gabrielle.</p> <p>Following a more recent weather event, State Highway 50 south of Hastings remains closed at the Waipawa River. 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.</p>
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.	<p>Initial assessments have been completed, detailed assessments continue for specific areas of the network.</p> <p>Maintenance and Operations teams are continuing to repair at-risk sites, while rebuild strategic planning is underway.</p>
Three: Rebuild and betterment for the long term	Undertaking permanent rebuild alongside our partners.	Strategic Planning is underway for three regions – Northland, Coromandel and East Coast – and is expected to be complete and endorsed by 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 are working at pace, with the maximum possible amount of resource now mobilised in the Gorge. Both day and night shifts are operating. The expected opening date is trending towards the third quarter of 2024.
- **State Highway 1, Brynderwyns.** Physical delivery is now programmed, and the preferred repair option is scoped. Pending funding, actions are being planned for major repair works to kick off 1 October 2023. If the preferred approach is pursued, a five to eight week shutdown after Waitangi Weekend is being considered.
- **State Highway 12.** Recovery work has commenced on this corridor.
- **State Highway 1, Dome Valley.** Recovery work has commenced, and a delivery programme is in place. Work at the site near Sheep World is nearing completion. Planning is underway for a one-way closure to commence in mid-October 2023.
- **State Highway 16.** Investigation and repair options at Lookout Hill and Omeru Reserve are in progress.

Coromandel

- **State Highway 25A, Kopu to Hikuai** remains closed to all vehicles until further notice. Bridge strengthening works have commenced as part of the acceleration of the rebuild works whilst the road is closed.
- **State Highway 25A, Taparahi bridge** remains on programme with pile and abutments being poured. Bridge beam production and protection works is ahead of programme. The first beams are due to site early October 2023.
- **State Highway 25 Ruamahunga Bay.** Additional geotechnical investigations are underway.
- **State Highway 25 Pumpkin Hill Cracking** (Switchbacks). Works, including pavement reinstatement and drainage installation, are expected to be completed on this site on 1 September 2023.

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Tairāwhiti

- **Hikuiwai Bailey bridge** is open and line marked. All temporary traffic management has been removed.
- **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 stabilisation¹ pavement work on **State Highway 2, Waioeka Gorge and State Highway 2 Wairoa to Gisborne**, is on hold due to the inclement weather. The programme is planned to continue from 4 September 2023.
- Due to multiple dropouts, **State Highway 2 north between Te Karaka and Matawai** is operating under temporary traffic lights until further notice.
- The Asphalt Concrete programme is up and running on **State Highway 2 north of Gisborne** with works being carried out at night.

Hawke's Bay

- **State Highway 2, Devils Elbow** has been widened; however, it is still operating with one lane due to other slips on the road. We intend to provide two-lane access in the future, with recovery works currently being designed at the same time other recovery activity is underway.
- **State Highway 2 between Napier and Wairoa** is open and functioning well. Traffic management is in place and recovery works continue throughout the corridor.
- There was a night-time closure on 27 August 2023 between 8pm - 4am at **State Highway 2 White Pine Bush**. This closure was urgently needed to install a temporary culvert across the road and dig out a large portion of the overslip material.
- Emergency works along **State Highway 5** continue to progress. The **Esk Forest** underslip has been back filled to road level, and is expected to be open early September 2023, once the pavement and drainage work have been completed. The repair for the dropout at **Elands** is also estimated to be finished early September 2023. Construction started last week at **Captains Culvert**, another site where the road is at one lane. We estimate this work will take six to eight weeks to complete.

¹Foamed 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 70 people seconded into TREC, with the next tranche of recruitment 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 notified. Pre-let workshops are underway this week. Finalisation of selection, including commercials are on track for the end of next week.
- Following confirmation of the sub-alliance partners there will be a subsequent process to procure second-tier professional service providers, focused on local businesses in line with a core TREC Alliance objective.
- Procurement information sessions with the subcontracting market have been successfully completed in Gisborne, Napier and Wairoa, with separate visits to Te Karaka and Ōpōtiki. This week the first contractors newsletter has been sent to those that have registered with TREC.
- The first tranche of TREC management plans were finalised August 2023.
- Planning is underway to prioritise and then deliver ongoing recovery works. The first mobilisation of a crew to site is targeted for early September 2023.
- 27 early/critical recovery projects have been identified, to commence during the 2023/2024 construction season (October 2023 – March 2024). Local/iwi contractors who are prequalified to work for Waka Kotahi will be engaged for these early/critical works.
- 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 Tairāwhiti Wairoa Resilience Strategic Approach has now been completed and endorsed by the Waka Kotahi Board.
- Documentation for the Whangārei to Dome Valley, Coromandel Hauraki and Hawke's Bay approaches have been finalised.
- These three approaches have been endorsed by the Waka Kotahi Value, Outcomes and Scope (VOS) committee.
- These projects are on track to seek endorsement from the Waka Kotahi Board in late September 2023.
- We continue to work to ensure a smooth transition from the Tairāwhiti Wairoa and Hawke's Bay strategic projects to the alliance design and delivery.

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 available number of our current Bailey bridge stock located in the North and South Island.

PRIORITISED BAILEY BRIDGES AND STATUS				Other Bridges	Road Controlling Authority	Status update
Bridge & Name	Road Controlling Authority	Status	Bailey Bridge Opening	Arapaonui low level bridge	Hastings District Council	Access established
Opoliti Bridge on Tiniroto Road	Wairoa District Council	Bridge installation completed	23 February	Dartmoor bridge	Hastings District Council	Access established
Rissington Bridge on Puketitiri Road	Hastings District Council	Bridge installation completed	31 March	Matapiro bridge	Hastings District Council	Access is established with a 10km restriction and 44T weight limit
Makiekie (Coal) Creek Bridge on Pohangina Road	Manawatu District Council	Bridge installation completed	21 April	Crownthrope bridge	Hastings District Council	Recent wet weather has caused delays requiring rework, HDC currently have the site open to light vehicles under traffic management while they continue construction.
SH2 Waikare River Bridge	Waka Kotahi, Hawke's Bay	Bridge installation completed	14 May	Brookfield Bridge	Hastings District Council	Resilience options for determining the outcome.
Whanawhana Bridge on Whanawhana Road	Hastings District Council	Bridge installation completed	15 May	Te Puna bridge	Hastings District Council	RCA advised that alternative solution was being pursued.
Moeangiagi Bridge on Waikare Rd	Hastings District Council	Bridge installation completed	13 June	Puketapu bridge	Hastings District Council	Proposing solutions for access, working through design.
SH35 Hikuwai No. 1 Bridge	Waka Kotahi, Gisborne	Bridge installation completed	14 June	Darkeys Spur no.1 bridge	Hastings District Council	Large scale works required
Mangatutu Low Level Bridge on Mangatutu Road	Hastings District Council	Bridge installation completed	15 June	Mclvars culvert	Hastings District Council	Temp access established. Permanent solution initiated for resilience.
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.	End of August			
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			

Funding update at 30 August 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 21-Aug-23	Approved as at 28-Aug-23	Change since last week	Claimed as at 21-Aug-23	Claimed as at 28-Aug-23	Change since last week	Crown Funding Allocated
Local Roads	170.3	170.3	0	24.8	28.2	3.4	137.5
State Highways	9.3	9.3	0	18.3	18.3	0	415.5
TOTAL	179.6	179.6	0	43.1	46.5	3.4	553.0

Key Points:

- We continue to work with Councils and Waka Kotahi project teams to understand the scale of funding demand for the recovery phase in the 2023/24 Financial Year.
- A funding request has been received from Auckland Transport for \$134.6 million in 2023/24 and \$44 million in 2024/25 under current Emergency Works policy Funding Assistance Rates. The request is under review and will be considered by the Board in September 2023.
- TREC (Transport Recovery: East Coast Alliance) is being formed to carry out recovery work on state highways and railways in Hawke's Bay and Gisborne regions. A significant funding request (circa \$250 million for 2023/24) is expected in the coming weeks.
- Local roads claims were from Wairoa District Council (\$2.5 million – response) and Far North District Council (\$0.9 million – response).
- Note the figures above exclude funding provided in 2022/23, for which the final claims (response) were: \$112.4 million for state highways and \$210 million for local roads.

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