

Cyclone Gabrielle Recovery Activity

Minister's Weekly Update

26 May 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, for example, 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. Note: State Highway 2, from Napier through to Wairoa, is now open with daylight restrictions (5am to 9pm) in place.
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.	A full assessment is commencing on all corridors that were affected. 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 alongside our partners.	Strategic Planning is underway for three regions – Northland, Coromandel and East Coast – and is expected to be completed by July 2023.

Waka Kotahi has prepared [State Highway Access Maps](#) showing the key areas where restrictions apply and general advice on the length of time for repairs. These maps are updated three times per week (Monday, Wednesday, and Friday) until further notice.

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 Gorge**, piling to support the temporary work is progressing well and has provided stability. We are aiming to start permanent work in late June 2023.
- **State Highway 1, Brynderwyns**, work is progressing well at all sites. There was further movement at the B6 site after last week's rain. Subsequently, the team have moved the steel barrier over to ensure safe passing distance. Geotechnical engineers are working through design options.
- Work continues on the Waverly Valley D4 site on **State Highway 1, Dome Valley**, where wailer beams are being galvanized and anchors are being completed. Work on this site is scheduled to be completed during the week ending 2 June 2023 (due to galvanising delays).
- Spiral drillers are on site at D1 to commence temporary works.
- Work is underway at the D2 under slip site and is progressing well.
- A stormwater issue has been identified at D10 and a new culvert needs to be installed.

Coromandel

- Physical works continue on the under slip on **State Highway 25, Opoutere-McBeth**. Weather permitting, we expect works to be completed and the road to be fully opened for both heavy and light vehicles in June 2023.
- **State Highway 25A, Kopu to Hikuai**, remains closed to all vehicles until further notice. The confirmed solution to repair the 110-metre slip on State Highway 25A will be a bridge. Procurement of the contractor to deliver the State Highway 25A bridge is progressing. A Request for Proposal has been released to two consortia, closing 31 May 2023. The contract is expected to be awarded on 2 June 2023, followed by site establishment soon after. Upon the contract being awarded, Waka Kotahi will have clarity on costs, methodology and timings, which will include key construction milestones.

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.

Road status - Key operational progress updates

Overall



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Tairāwhiti

- **Hikuwai Bailey bridge** construction is progressing. Hard ground has been struck and piling has begun on the north side. We are aiming to have the bridge open in mid-June 2023.
- **State Highway 35** remains open with access past the damaged Hikuwai Bridge via a local road, and past the Mangahauini Gorge via the constructed bypass road. The network remains fragile, and we continue to monitor for any changes with weather events.
- Foamed bitumen¹ pavement work on **State Highway 2, Waioeka Gorge**, is progressing well. Work at four out of thirteen sites has been completed. Work started on the fifth site on 21 May 2023 and will be sealed on 26 May 2023. There have only been minor disruptions to traffic so far.

Hawke's Bay

- On **State Highway 2, between Napier and Wairoa**, the Waikare Bailey bridge is open to traffic, with daylight hour restrictions being extended slightly during the week past. We are looking to remove all restrictions in the next couple of weeks once all safety work (barriers, edge mark posts and widening) has been completed.
- Emergency works along **State Highway 5** continue to progress.
- The bypass track around the Glengarry slip requires ongoing maintenance to hold the surface.
- Further work was carried out during an overnight closure of State Highway 5 on 24 May 2023.

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Recovery milestones, events, and initiatives

Updated – 24 May 2023

Region	Type	Site/project	Information about the milestone, event or initiative	Timing
Northland	Milestone	SH1 Mangamuka Gorge	After significant damage in August 2022, permanent repairs completed, and the road will be reopened.	May 2024
Waikato	Milestone	SH25A Taparahi Slip – Kopu-Hikuai	Announcement of preferred contractor and update on timeframe to construct bridge	Early June 2023
<u>Tairāwhiti</u>	Milestone/Event	Hikuwai River No.1 bridge – Bailey bridge	Bailey bridge installation completed and open to traffic.	Mid June 2023
Hawke's Bay	Milestone	SH5 – large under slip between Glengarry and Te Pōhue	Repair work underway to build buttress and reconstruct the road.	End of July 2023
Hawke's Bay	Milestone	SH5 – Mangakōpikopiko Stream – 3 x erosion sites	Temporary work started 1 May 2023 to protect the road; permanent design will be undertaken by the delivery model, it will include iwi engagement/co-design	
Hawke's Bay	Milestone	SH5 Te Haroto Scour	Design is underway with construction anticipated to start mid-June to reconstruct the road as it was. Large box culvert inlet improvements will also be completed.	Construction start mid-June 2023
Hawke's Bay and <u>Tairāwhiti</u>	Milestone	East Coast Recovery	Signing of the agreement between all parties for a full collaborative delivery model.	Mid July 2023

Collaborative delivery model / strategic planning

Collaborative delivery model

- We are confirming the design related roles required within the regions (for example, surveying and geotechnical roles), and those that can be resourced by a back-office function (for example, retaining wall and pavement designers).
- Management team roles have been scoped, job descriptions populated and an internal expression of interest process will be run in the near future.

Strategic Recovery Framework

- The Resilience Strategic Approach planning activity that is underway for Northland, Coromandel and the East Coast is aligned to Waka Kotahi's draft Strategic Recovery Framework. It guides the overall approach to recovery from disruptions, such as severe weather, and supports improving resilience.
- The framework will also help identify the appropriate level of service required for the corridors and long-term access requirements. The framework is currently under development and future engagement is planned.

East Coast - Tairāwhiti/Wairoa

- The Tairāwhiti/Wairoa Resilience Strategic Approach planning is currently in week ten of the 12-week project.
- During the past week, the project team has been focused on preparing for the final workshop with local councils (Wairoa, Gisborne and Hastings) on 26 May 2023. In this meeting, the project team will share the final prioritised programme of work with Councils and take their final feedback.
- The next two weeks will see the project team finalise the approvals pathway content.

East Coast - Hawke's Bay

- Hawke's Bay Resilience Strategic Approach planning is currently in week four of the 12-week project.
- During the week ending 19 May 2023, the project team held the first governance group meeting. In this meeting, the project team met with our Council partners (Hastings, Napier City, Hawke's Bay Regional and Central Hawke's Bay) and provided an overview of scope, programme and team members.
- In the governance meeting, the project team shared our draft Investment Logic Mapping (ILM) with our Council partners and took on board feedback.
- Next week, the team will finalise the ILM.

Strategic planning continued

Coromandel / Hauraki

- The project team is now in week four of the 12-week programme.
- Meetings with Thames-Coromandel District Council, Hauraki District Council, and iwi partners occurred during a project team site visit during the week ending 19 May 2023.
- The first of four workshops took place on 25 May 2023.

Northland

- The Brynderwyns Resilience Strategic Approach project will be renamed to reduce confusion about scope as it encompasses more than just the Brynderwyn hills.
- The project team is now in week three of the 10-week programme.
- The first workshops with stakeholders are scheduled for 31 May and 1 June 2023.
- Options are being gathered as part of the short, medium and long term programmes for the project, which will be considered as part of the workshop

Regional engagement

Coromandel

- We're engaging with Ngāti Maru on the State Highway 25A work. At the next hui, we will discuss protocols for the bridge project.
- Wider mana whenua engagement, as part of the Coromandel/Hauraki resilience strategic response, has just started and formal meetings are yet to be confirmed.
- Proactive communications continue weekly to subscribers via e-newsletter and elected members via Council communications, as well as social media posts and vlogs via Waka Kotahi channels. Staff across various Central and Local Government Agencies are meeting fortnightly to align messaging.
- On the ground, community engagement activity is planned to start in mid 2023. The timing allows the team to prepare collateral as the State Highway 25A bridge contract will have been awarded by then, providing clarity around the build methodology and construction programme.

Tairāwhiti Wairoa Resilience Strategic Response (RSP)

- Our Pou Ārahi met with members of Rongowhakaata, and is waiting to hear back from the CEO regarding future engagement opportunities.
- We have been able to open dialogue with Te Rūnanga o Ngāti Porou, and have re-sent information on the rebuild and recovery.
- Extra, locally-based Pou resource has been confirmed, and will begin to be involved over the coming weeks.

Other Strategic Response Projects

- We continue to engage with Ngāti Maru in the Coromandel, particularly regarding the State Highway 25A, Taparahi slip site.
- With the Hawke's Bay and Coromandel strategic workstreams underway, formal engagement will commence towards the end of May 2023.
- This will be closely followed by formal engagement for the Whangārei to Dome Valley Strategic Resilience Recovery project.

Regional engagement continued

The following is a list of all the engagement undertaken in the Recovery areas over the past week.

Brynderwyns

We provided the following Council partners with an update on the Whangārei to Dome Valley Strategic Resilience Response (SRR) project:

- Northland Regional Transport Committee
- Far North District Council
- Northland Regional Council
- Whangarei District Council
- Kaipara District Council
- Northland Transport Alliance

Coromandel

We have set up regular engagements with a number of key stakeholders, such as:

- Fortnightly operational meetings with Thames-Coromandel District Council and Hauraki District Council.
- Weekly check-ins with Thames-Coromandel District Council regarding deliverables on the recovery and resilience programmes.

During the week ending 26 May 2023, we also participated in introductory workshops with:

- Hauraki District Council
- Thames-Coromandel District Council
- Waikato Regional Council
- Department of Conservation

We have reached out to iwi to understand how they would like to be engaged with through the Strategic Resilience Recovery project.

Regional engagement continued

The following is a list of all the engagement undertaken in the Recovery areas over the past week.

East Coast

We are continuing to provide weekly updates to key partners, including:

- Hastings District Council
- Napier City Council
- Central Hawke's Bay District Council
- Hawke's Bay Regional Council
- Wairoa District Council
- Gisborne District Council
- Minister Kiritapu Allan
- Minister Michael Wood

During the week ending 26 May 2023, we have been in contact with the following iwi/hapū/mana whenua:

- Mangahauini Hapu – regarding the emergency works in this area.
- Te Runanganui O Ngāti Porou - regarding further engagement with Waka Kotahi regarding the recovery and rebuild.
- Philip Hope – liaison for the future opening of the Hikuwai Bailey bridge.

We have also had engagements with the following:

- Tairāwhiti Regional Public Sector Forum – introductory meeting.
- Hawke's Bay Regional Directors Meeting – updates on recovery work.
- Gisborne District Council – quarterly catch up (online).
- Tairāwhiti Recovery Executive Group Meeting – oversight and update of regional recovery across local and central government agencies.
- Tairāwahiti Recovery Communications Group – introductory meeting.
- Regional Freight Forum – regarding the upcoming asphalt work on State Highway 2, between Ōpōtiki and Gisborne.
- Gisborne Regional Transport Committee.
- Hawkes Bay Regional Directors Meeting – Whanau Community Wellbeing Plan and funding stocktake.

Regional engagement continued

The following is a list of all those who were invited to Tier two/three and consultant engagement meetings in Tairāwhiti, Wairoa and Hawke's Bay during the past week.

These meetings, which were well attended, were set up to receive input and feedback on the set up of the collaborative delivery model from the contractors and consultants.

East Coast

- Siteworx
- Civil Projects
- Pro traffic
- JT Contractors
- Currie Constructions
- Earthwork Solutions
- Blackbee contractors
- Ma Parata Ltd
- QRS
- WSP
- Stantec
- Beca
- Akra Civil
- Russell Roads
- SH Civil
- Dodge Contracting
- Topline
- TW Trades
- Inline Group
- Lattey Group
- HES Earthmoving
- Eastbridge Ltd
- LDE

Bailey Bridges

Allocation, provision and build of Bailey bridges continues to be an area of focus. NEMA hold the responsibility for prioritisation decision making; Waka Kotahi is working with councils and contractors to manage the nominations, provision, and clear communications on expected timeframes and process.

NEMA 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
SH35 Hikuwai No. 1 Bridge	Waka Kotahi, Gisborne	Physical works underway	Early June
Whanawhana Bridge on Whanawhana Road	Hastings District Council	Bridge installation completed	15 May
Moeangiagi Bridge on Waikare Rd	Hastings District Council	Design complete, physical works due to commence shortly	9 June
Mangatutu Low Level Bridge on Mangatutu Road	Hastings District Council	Site clearance difficulty, major slip has delayed progress	3 June
Ellis-Wallace Bridge on Ellis Wallace Road	Hastings District Council	Design complete, physical works due to commence shortly	Early June
Hollywood Bridge on Bushy Knoll Road	Gisborne District Council	Mabey Bridge will be used due to span required	End of June
Te Reinga Bridge on Ruakitura Road	Wairoa District Council	Existing bridge to be demolished. Staging works to enable demolition and then reconstruction to be installed. Single span Bailey between the staging works to be installed.	Long Term

Bridge Name	Road Controlling Authority	Reason bailey bridge not required
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 being confirmed for the permanent structure.
Crownthrope bridge	Hastings District Council	RCA advised that alternative solution was being pursued. End of June for access.
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 24 May 2023

Initial response

Update on funding approvals and amounts claimed:

\$million	Approved as at 15-May-23 (funding allocated for specific activity)	Approved as at 22-May-23 (funding allocated for specific activity)	Change since last week	Claimed as at 15-May-23 (accrued commitments/ payments made)	Claimed as at 22-May-23 (accrued commitments/ payments made)	Change since last week
Local Roads	201	201	0	102.0	107.1	5.1
State Highways	82.5 (est.)	82.5 (est.)	0	45.3	45.3	0
TOTAL	283.5 (est.)	283.5 (est.)	0	147.3	152.4	5.1

Key Points

- The largest local roads claims in this last week were from Central Hawke's Bay DC (\$3.5M) and Tararua DC (\$1.5M).
- Approximately \$2.1 million of further local roads requests are currently under review and not included in the above approved totals. These pending approvals are expected to be approved in the next two weeks. Requests still in draft include Kaipara District Council (\$10.9 million) and Ruapehu District Council (\$1.2 million).
- Local road approvals display a significant optimism bias in terms of capacity to deliver. Based on spend to date, it is expected that the actual expenditure in 2022/23 will be in the range of \$140 million to \$170 million.
- Waka Kotahi is continuing to finalise its cost estimates for the initial response works on the state highway network, with draft applications received this week for North Island Weather Event funding totalling \$78 million for seven regions (Gisborne, Hawke's Bay, Northland, Waikato, Manawatū/Whanganui, Bay of Plenty and Taranaki).

Note: all costs are 2022/23 NLTF share only

Weather events response and recovery communications and engagement

WHAT'S HAPPENED: 20-26 MAY



- Finalised Minister pack for East Coast delivery model
- Ongoing key messaging + state highway access maps updated + reporting - sent internally
- Regular meetings set up with East Coast Councils for alliance related engagement
- Waikare Bailey bridge opening video shared in article on OnRamp

RISKS:

- iwi/Māori in impacted regions are limited in capacity to engage with government
- Resourcing comms and engagement to ensure success – currently being worked on



NOTE: *comms + engagement activity has moved to another phase now Brynderwyns is open – information below covers the month of May (or by exception)*

Brynderwyns

- SH1 Brynderwyn Hills is open
- No further comms planned
- Strategic Resilience Recovery work is underway

Mangamuka Gorge

- Social media
- Monthly e-newsletter; weekly hapū meetings
- Key stakeholder, elected reps + hapū geotechnical background presentation
- Stakeholder workshop for Mangamuka Network Resilience Programme Business Case
- Update drone video + progress images on website
- Direct stakeholder, elected reps + hapū communications

SH25 and SH25A Coromandel

- Resilience Strategic Response (RSR) workshop 1 on 25 May
- Cross-government agency comms meeting 25 May
- Ongoing weekly comms
- Weekly Coromandel FM interview + Ministerial responses
- Drafted comms plan for SH25A Interim Speed Management Plan (ISMP) announcement

RISKS: *SH25A managing expectations; upcoming ISMP announcement with SH25A inclusion; ongoing SH25 vulnerability, including speed limits*

- Media responses about Bailey bridges + scour damage repair work on SH35 at Turihua Bridge
- Quarterly freight forum hosted by Waka Kotahi in Tairāwhiti – presented info on SH2 Resilience Improvements and the Collaborative Delivery Model as well as other items affecting our freight community
- Hawke's Bay media on resilience strategic approach + safety of hills around Devil's Elbow
- Great video of Waikare Gorge blessing ceremony on [Facebook](#) with positive comments
- Letter to SH5 residents, key stakeholders and iwi partners sent 19 May about night time closure 24 May
- [Hawke's Bay recovery newsletter](#) sent – next goes out 16 June
- Letter with update on SH2 opening times sent to communities on SH2 and iwi partners
- Local government update to Hawke's Bay + Tairāwhiti Mayors + council CEs + iwi by Linda (DRR) – also went to Minister Wood + Allan
- [Facebook post](#) about Waikare Gorge realignment project

RISKS:

- Speed of strategic resilience recovery plans raises comms and engagement risks with iwi potentially under resourced + stretched when our desire is to work in true partnership*

WHAT'S COMING UP: 27 MAY-2 JUNE



- ELT video: recovery update
- Internal comms for East Coast Alliance
- Ongoing key messaging, map and reporting requirements
- Further OnRamp/internal comms to get clearer on what an Alliance is and what the resilience funding means



SH25 and SH25A Coromandel

- RSR workshop 2, 1 June
- Tactical comms planning for SH25A bridge contractor announcement (TBC w/c 5 June) and supporting collateral
- Ongoing comms such as e-news



- Early notification for SH2 resilience improvements
- Five Waka Kotahi people to attend hui at the Ngāti Hineuru marae in Te Haroto on SH5 to discuss road safety + resilience
- On 31 May Waka Kotahi will run the next SH5 Programme Business Case workshop with stakeholders and partners + will update on Hawke's Bay Strategic Resilience Recovery work