

# Cyclone Gabrielle Recovery Activity

## Minister's Weekly Update

7 July 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.	<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 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 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>A full assessment is commencing on all corridors that were affected.</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 between July and 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**, despite the recent wet weather, permanent works are progressing well.
- **State Highway 1, Brynderwyns**, has held up well in the recent wet weather and hasn't seen any further movement.
- **State Highway 1, Dome Valley**, work continued over the week with the debris wall now completed on D8. The road is open to two lanes. Further work on this site will be done once the mesh arrives. D2 site completed and TM removed, and D1 site progressing well. D5 pile retaining wall is ready to construct and will be part of the recovery work.

## Coromandel

- Physical works continue on the under slip on **State Highway 25, Opoutere-McBeth**. The road is now open to two lanes of traffic, on an unsealed surface. Pavement construction has commenced as has the installation of roadside barriers.
- **State Highway 25A, Kopu to Hikuai**, remains closed to all vehicles until further notice.
- **State Highway 25A Taparahi bridge**. s 9(2)(j)
- The large slip at **Ruamahunga Bay** continues to be made safe with helicopters being used to sluice the slip face. Interim methods to stabilise the slip face are currently being investigated as a matter of urgency. Intermittent closures and stop / go traffic management is being utilised to enable traffic to move safely past the site.
- **Strategic Resilience workstream** - a number of plans which are used to inform the Strategic Resilience workstream are due to be delivered this week including procurement, consenting and property strategies.
- The project team presented to a Council meeting last week and the elected members were complimentary of the scale and pace at which work is progressing.

# Road status - Key operational progress updates

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## Tairāwhiti

- **State Highway 2, Otoko Hill** opened 4 July 2023 for convoys under piloted stop/go operation including High Productivity Motor Vehicles (HPMVs). Overnight will be operated by traffic lights.
- The cyclone-damaged **Hikawai no.1 bridge** on **State Highway 35 north of Gisborne** will be completely dismantled and transported away this month. To do this, the **Hikawai Bailey bridge** will need to close from 7am 17 July 2023 to 5am 27 July 2023. During this time, the Pourau road bypass will remain open. During the closure, the crane will be disassembled and moved to the northern side of the river to remove the existing 31-metre-long beams from the old bridge. This will remove the risk of the Bailey bridge being damaged in future weather events. At the same time, surfacing works will be completed on the approaches at either end of the Bailey bridge.
- **State Highway 35** remains open, with a bypass road past the **Mangahauini Gorge**. The network remains fragile, and we continue to monitor for any changes with weather events.
- **State Highway 35** has had intermittent closures between **Gisborne and Ruatoria** due to flooding and slips caused by the recent weather event.
- Asphalt Concrete (AC) Programme is currently underway with sealing of intersections on **State Highway 2** north between **Gisborne and Matawai**.
- Foamed bitumen stabilisation<sup>1</sup> pavement work on **State Highway 2, Waioeka Gorge**, is currently 40 percent complete. One month of productivity has been lost, mainly due to the inclement weather in June 2023. This work may need to be paused until sites can be drained. There is also work happening between **Gisborne and Wairoa**.

## Hawke's Bay

- **State Highway 2**, between **Napier and Wairoa** is open and functioning well. Traffic management is in place and recovery works continue throughout the corridor.
- Emergency works along **State Highway 5** continue to progress. **Esk Forest** underslip is planned to be backfilled to road level by 8 July. The repair for the dropout at **Elands** is estimated to take six weeks.
- During the recent heavy weather event a bridge abutment was washed out at the **Waipawa River** on **State Highway 50**. The road is closed between **Tikokino and Ongaonga** while detailed design and physical works are undertaken. Channelling work in the river has been completed. It is expected that the road will be closed for two months while reinstatement work takes place. **State Highway 2, Devils elbow** nearing completion, however still at one lane due to other slips on the road.

<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 it's more resistant to moisture once compacted and it can be opened to traffic much earlier than cement-bound products.

# Regional Resilience Plans

- Regional Councils, through their Regional Recovery Agencies, have completed initial resilience plans. These are continuing to be developed, with further iterations expected towards the end of 2023.
- Waka Kotahi is developing four specific Resilient Strategic Recovery plans, one of which has been completed (Tairāwhiti/Wairoa) and three that are ongoing (Whangārei to Dome Valley, Coromandel/Hauraki and Hawke's Bay).
  - high level costings for all regions have been provided to Ministry of Transport this week
  - the three ongoing projects are now into their final weeks, and remain on track to be complete by the end of July
  - the Tairāwhiti/Wairoa Resilient Strategic Recovery project has been endorsed by the Waka Kotahi Board
  - the other three projects will seek endorsement in September 2023.
- Local councils are generally supportive of the Resilient Strategic Recovery work, and expect that the preferred programme's being developed will be delivered.
- The expectation is that this work will deliver an appropriate level of service with respects to resilience on the state highway network.
- Many local councils are advising that they anticipate the costs associated with a full rebuild of their transport network to be unaffordable.
- There are also concerns regarding resource capacity to complete rebuild activity across the various transport networks, and the weather events have exacerbated an existing issue.
- Waka Kotahi is actively working with local councils and suppliers, particularly on the East Coast, to manage this as best possible to suit all parties.
- Councils have generally been keen to work with Waka Kotahi during the planning stages, and there has been good collaboration to date.

# Recovery milestones, events, and initiatives

Updated – 5 July 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
Hawke's Bay and Tairāwhiti	Milestone	East Coast Recovery	Signing of the agreement between all parties for a full collaborative delivery model (alliance)	11 July 2023
Hawke's Bay	Milestone	SH5 Te Hāroto Scour (Captain's Culvert)	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 end of July 2023
Hawke's Bay	Milestone	SH5 – large under slip at Elands	Repair work underway to build buttress and reconstruct the road.	Mid-August 2023
Coromandel	Milestone	SH5 – large under slip at Elands	SH25A site visit opportunity SH25A Bridge completion	Early August 2023 March 2024



# East Coast Recovery Alliance / strategic planning

## East Coast Recovery Alliance

- The majority of the Alliance Management Team (AMT) roles have been endorsed, candidates have been advised and participating organisations will be communicating this to their teams over the coming weeks.
- The request for proposal (RFP) process for Professional Services organisations to join the design sub-alliance as founding partners continues, with the aim to advise preferred suppliers in early August 2023.
- Following that there will be a subsequent process to procure a second tranche of professional service providers, focused on local providers.
- We have provided East Coast and Tairāwhiti-based Mayors and Chief Executives with an update on Alliance progress via an online hui this week

## Strategic Recovery Framework

The Resilience Strategic Approach planning activity that is underway for Northland, Coromandel and the East Coast is aligned to the Waka Kotahi 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. Note that while we looking at determining levels of service, we will undertake thorough engagement with iwi, local councils and other key stakeholders on how we go about achieving those levels of service and broader outcomes - including social, cultural, environmental and economic.

## East Coast - Tairāwhiti/Wairoa

- The Tairāwhiti/Wairoa Resilience Strategic Approach has now been completed and endorsed.
- The Board paper and accompanying information has been submitted.
- We have provided information to Te Manatū Waka Ministry of Transport for the upcoming Cabinet paper.

## East Coast - Hawke's Bay

- Hawke's Bay Resilience Strategic Approach planning is currently in week 10 of the 12-week project.
- The full business case (including reviews) is under development.
- Updates to the Waka Kotahi Board and Te Manatū Waka have been completed.

# Strategic planning continued

## Coromandel / Hauraki

- The project team is now in week 10 of the 12-week programme.
- Costs have been estimated and documentation is being completed.
- Two additional indicative programmes were modelled following feedback from Investment Quality Assurance (IQA).

## Whangārei to Dome Valley

- The Whangārei to Dome Valley Strategic Resilience Recovery project is in week nine of the 10-week programme.
- Development of options has been completed, including high level costs and property assessments.
- Specific engagement with Northland Mayors and Councillors has taken place this week.
- Business case documentation is being prepared ahead of the end of this project period.



# Regional engagement

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

## Northland

- We remain in regular contact with Councils regarding our work.
- Specific engagement with Northland Mayors and Councillors has taken place this week.

## Coromandel

- We have provided an update to four iwi (Ngāti Pūkenga, Ngāti Maru, Ngāti Hei and Ngāti Pū) and continue to seek their input regarding the Resilient Strategic Response project.
- We have regular engagements with Thames-Coromandel District Council, including weekly check-ins, to ensure we are on track with all deliverables across the recovery and resilience programmes.
- Proactive communication continues on a weekly basis 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.

## East Coast

- We have met with the Mayors and Chief Executives across the East Coast Councils (including Taranaki District Council) to provide updates on the alliance model and the two Resilience Strategic Response projects.
- We continue to engage with Councils on a regular basis regarding our progress across our workstreams.
- We are engaged in the regional recovery frameworks and meeting as required.

We are organising the induction of two new Pou ārahi who will start on the 10<sup>th</sup> of July to strengthen our support in for TREC and iwi engagement.

- David Jones will be our Pou ārahi based in Gisborne. He will also have a team that will help work alongside him. s9(2)(a)
- Lee Grace will be our Pou ārahi based in Napier. s9(2)(a)

# Bailey Bridges

Allocation, provision and build of Bailey bridges continues to be an area of focus. The National Emergency Management Agency 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
Whanawhana Bridge on Whanawhana Road	Hastings District Council	Bridge installation completed	15 May
Moeangiangi Bridge on Waikare Rd	Hastings District Council	OPEN. Still completing works alongside being open.	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	OPEN. Still completing works alongside being open.	15 June
Ellis-Wallace Bridge on Ellis Wallace Road	Hastings District Council	Due to recent weather, some rework and delays have occurred. We are pushing to get the Bailey bridge up at least so locals can walk across if we loose the temp crossing again.	2 Aug
Te Reinga Bridge on Ruakitura Road	Wairoa District Council	Existing bridge has been demolished. Single span Bailey between the staging works to be installed.	Long Term
Hollywood Bridge on Bushy Knoll Road	Gisborne District Council	Mabey Bridge will be used due to span required. Substructure piling to start around 6 July. The components for the Mabey bridge are mostly in New Zealand, but the remainder are being shipped from Sydney 6 July.	TBC
Awatere Bridge on East Cape Rd	Gisborne District Council	Bailey Bridge approved. Bridge access for light vehicles only. Temporary ford crossing open for heavy vehicles. Site works prep causing delays.	TBC
Follies Bridge on Waihou Rd	Hastings District Council	Due to a drop out at the abutment getting worse, a Bailey bridge has been proposed.	TBC

Bridge Name	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 is being re-established after wash out. Options being confirmed for the permanent structure.
Crownthrope bridge	Hastings District Council	Temporary access for walking across bridge closed. Wet weather recently has caused delays and rework. Looking to open to pedestrians sooner than 17 July, if possible.
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 5 July 2023

## Initial response

Update on funding approvals and amounts claimed:

\$million	Approved as at 26-June-23 <small>(funding allocated for specific activity)</small>	Approved as at 03-July-23 <small>(funding allocated for specific activity)</small>	Change since last week	Claimed as at 26-June-23 <small>(accrued commitments/ payments made)</small>	Claimed as at 03-July-23 <small>(accrued commitments/ payments made)</small>	Change since last week
Local Roads	215	240	25	150.6	152.0	1.4
State Highways	95.2 (est.)	95.2 (est.)	0	80.5	80.5	0
<b>TOTAL</b>	<b>310.2 (est.)</b>	<b>335.2 (est.)</b>	<b>25</b>	<b>231.1</b>	<b>232.5</b>	<b>1.4</b>

### Key Points:

- Total council claims for June are forecast to be in the order of \$60 million, with large claims expected from Kaipara District Council (up to \$12.4 million), Gisborne District Council (up to \$25 million), Hastings District Council (up to \$16.9 million) and Wairoa District Council (up to \$6.8 million). Two local roads claims were received in the past week, with the largest claim from Whangarei District Council (\$1.3 million).
- A \$25 million price increase has been approved for Gisborne District Council. Price level increase requests are currently under review from Hastings District Council (\$16.9 million), Masterton District Council (\$1.1 million) and Thames-Coromandel District Council (\$0.3 million).
- Waka Kotahi has approved initial response funding applications from all eight impacted State Highway regions. We expect total funding for 2022/23 financial year is likely to be in the vicinity of \$112 million (a forecast June claim of \$31 million), subject to approval of further requests.
- Final claims for the 2022/23 financial year are due on 10 July; and will be reported in early August, following end-of-year reconciliation.

Note: all costs are 2022/23 NLTF share only

# Weather events recovery and rebuild communications and engagement overview

## WHAT'S HAPPENED: 1 - 7 July



- Continued development of early collateral for full alliance model
- Ongoing key messaging and reporting
- Hui with East Coast Mayors, Chairs and CE's (including Taranaki) to update on alliance and Resilience Strategic Response projects
- Alliance announcement planning underway
- Responding to media and customers about national level queries

### RISKS:

- Iwi/Māori in impacted regions are limited in capacity to engage with government*
- Resourcing comms and engagement to ensure success during the ongoing recovery and rebuild*



### Whangārei to Dome Valley

- Met with Northland Regional Transport Committee to discuss SH1 potential alternative options to current Brynderwyn Hills route
- Met with NorthPort to gather information on business impacts of SH1 closures

### Mangamuka Gorge (Ongoing Comms)

- Direct stakeholder, elected reps + hapū communications and meetings
- Content creation is ongoing

### RISK:

- Fragility of existing network through Brynderwyn Hills and Dome Valley may lead to negative publicity*



### SH25 and SH25A Coromandel

- Media enquiries regarding SH25A completion date
- Traffic bulletins regarding Ruamahunga Slip and Opoutere-McBeth slip progress
- Preparations continue for media/stakeholder visit

### RISKS:

- SH25A contract negotiations and any potential delay to construction programme, expectation management*
- Ongoing SH25 vulnerability, including speed limits*



### Tairāwhiti

- Comms regarding upcoming Hikuwai Bailey bridge closure, to allow removal of damaged bridge

### Hawke's Bay

- RSR team provided an update to SH5 Preliminary Business Case stakeholder group
- Director Regional Relationships (DRR) update to council Mayor's and CE's across both regions
- Comms related to weather response across the wider region

### RISKS:

- Under resourced + s9(2)(g)(i)*
- Regional governance desire to understand strategic resilience projects before endorsement/funding is requested*

## WHAT'S COMING UP: 8 - 14 July



- Alliance announcement (11 July) by Minister Robertson in Gisborne
- Ongoing key messaging and reporting
- Continued development of early collateral for full alliance model



- Ongoing comms for Mangamuka Gorge as above
- No further engagement is planned for the Resilience Strategic Response (RSR) project



- Ongoing prep for SH25A contract award and media/stakeholder visit
- Comms development and release for final stages of Opoutere-McBeth
- Prep for SH25 speed limit changes



- Both RSR projects to be presented to Waka Kotahi board
- Local Govt/Iwi update via DRR
- Preparations for hui with Tātou Tātou o te Wairoa regarding RSR
- Key message & C&E plan refresh
- Liaison with alliance Communication and Engagement lead