

# Cyclone Gabrielle Recovery Activity

## Minister's Weekly Update

21 July 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, 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.** Work is progressing well. Design and procurement activities are nearing completion with the exception of two new slips. Night work continues. Aiming for May 2024 completion.
- **State Highway 1, Whangarei to Dome Valley.** Scope for **Dome Valley** is being developed collaboratively between Waka Kotahi and Wharehine. **Brynderwyns** proposals for Gold/Silver/Bronze methodology are being developed collaboratively between Fulton Hogan and Waka Kotahi. Both are due mid-August 2023 to support funding and business cases. State Highway 12 and 16 works have been scoped and work will start in the next couple of weeks. The Northland Recovery and Resilience Delivery Programme Procurement Strategy is in final draft.

## Coromandel

- Physical works continue on the under slip on **State Highway 25, Opoutere-McBeth.**
- **State Highway 25A, Kopu to Hikuai,** remains closed to all vehicles until further notice.
- **State Highway 25A Taparahi bridge.** The team continues to establish on site, including engaging with local business who are offering support through accommodation, food, and more. Work is underway with Pizo tubes being installed, other drainage installed and proof drilling abutments completed. Letters of intent have been signed and the commercial arrangements are expected to be resolved within the next couple of weeks.
- **State Highway 25 Wilson Bay Rockfill Embankment.** Rock filling and associated works are ongoing and progressing well.
- **Ruamahunga Bay.** The site reopened to two-way flow on the afternoon of 7 July 2023. GeoStabilisation New Zealand Limited are continuing with their design of preventive maintenance at this site to then enable construction of the agreed works.
- **State Highway 25 Tararu Rockfill Embankment.** Works are ongoing at this site and are expected to be completed by the end of August 2023.

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## Tairāwhiti

- **State Highway 2, north of Te Karaka**, will be closed between 08:30am and 4:30pm on 17, 18, 24, and 25 July 2023 for urgent hazardous tree removal. Open for convoys between 12pm-1pm during these days.
- The cyclone-damaged **Hikuwai no.1 bridge on State Highway 35 north of Gisborne** will be completely dismantled and transported away this month. To do this, the **Hikuwai 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 slip. The network remains fragile, and we continue to monitor for any changes with weather events.
- Asphalt Concrete (AC) Programme is currently underway with the sealing of sections on **State Highway 2** north between **Gisborne and Matawai**.
- Foamed bitumen stabilisation<sup>1</sup> pavement work on **State Highway 2, Waioeka Gorge** and **State Highway 2 Wairoa to Gisborne**, is nearing 50 percent complete. One month of productivity was lost due to the inclement weather in June 2023, and carried on into July. As such the decision has been made to pause the programme until a fine weather window is available, hopefully prior to spring. In the meantime the remaining sites that were not completed will have a focus on drainage while they dry out in preparation for completing the work.
- **State Highway 2, Devils Elbow** has been widened, however still at one lane due to other slips on the road. We intend to provide two lane access in the future, although recovery works are yet to be started.

<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.

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## 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 has been backfilled to road level. 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 at least two months while reinstatement work takes place. Recent rain caused the river to go back to its recent channel.



# 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 and endorsed (Tairāwhiti Wairoa) and three are reaching completion (Whangārei to Dome Valley, Coromandel Hauraki and Hawke's Bay).
- High level costings for all regions were provided to Te Manatū Waka Ministry of Transport recently.
- The three ongoing projects are now into their final weeks, and remain on track to be complete by the end of July 2023.
- The Tairāwhiti Wairoa Resilient Strategic Recovery project has been endorsed by the Waka Kotahi Board, and the other three recovery plans will seek endorsement in September 2023.
- Local councils are generally supportive of the Resilient Strategic Recovery work, and expect that the preferred programmes being developed will be delivered.
- The expectation is that this work will deliver an appropriate level of service with respect 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.
- 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 – 19 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	Milestone	SH5 – large underslip between Glengarry and Te Pōhue	Full width road re-opening following repair of the underslip	End of July 2023
Hawke's Bay	Milestone	SH50 Bridge (over Waipawa river)	Road re-opening following river works and repair to the bridge abutment	August 2023
Coromandel	Milestone	SH25A	SH25A site visit opportunity SH25A bridge completion	18 August 2023 March 2024

# East Coast Recovery Alliance / strategic planning

## East Coast Recovery Alliance

- The full Alliance model has been endorsed by both the Waka Kotahi and KiwiRail boards, has been signed by all participants and was formally announced by Minister Robertson on 11 July 2023.
- The next tranche of roles have been released, and these are going through an Expressions of Interest process throughout July 2023.
- 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.

## Strategic Recovery Framework

### East Coast - Tairāwhiti/Wairoa

- The Tairāwhiti Wairoa Resilience Strategic Approach has now been completed and endorsed by the Waka Kotahi Board.
- Work continues on ensuring a smooth transition from strategic project to alliance design and delivery.

### East Coast - Hawke's Bay

- Hawke's Bay Resilience Strategic Approach planning is currently in week 12 of the 12-week project.
- Investment Quality Assurance (IQA) review is underway, with feedback expected next week.
- The project remains on track for internal endorsement through July and August 2023, before seeking Board endorsement late September 2023.



# Strategic planning continued

## Coromandel / Hauraki

- The project team is now in week 12 of the 12-week programme.
- The overall proposal has been presented to the wider working group, with positive feedback received.
- Iwi engagement has progressed, and it is hoped this will continue to develop in the coming weeks.
- The project remains on track for internal endorsement through July and August 2023, before seeking Board endorsement late September 2023.

## Whangārei to Dome Valley

- The Whangārei to Dome Valley Strategic Resilience Recovery project is now complete.
- Documentation has been completed, and internal reviews are underway.
- The project remains on track for internal endorsement through July and August 2023, before seeking Board endorsement late September 2023.

# Regional engagement

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

## Northland

- Proactive engagement for the Resilience Strategic Response project has now ceased with this coming to a close.
- With the Brynderwyn Hills and Dome Valley fully open, proactive communication is not taking place.

## Coromandel

- Proactive engagement for the Resilience Strategic Response project has now ceased with this coming to a close.
- 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.
- We are working to support a number of site visits to the State Highway 25A Taparahi slip for key stakeholders.

## East Coast

- Minister Robertson announced the signing of the recovery alliance (Transport Rebuild East Coast / TREC) in Gisborne last week.
- 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 continue to engage around our recovery work as required.

# Bailey Bridges

Allocation, provision and build of Bailey bridges continues to be an area of focus. The National Emergency Management Agency holds 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
Follies Bridge on Waihau Rd	Hastings District Council	Bailey bridge complete. Approach works ongoing.	14 July
Awatere Bridge on East Cape Rd	Gisborne District Council	Bailey bridge was due to start 17 July. Delayed due to temporary access restrictions and should restart 20 July. Site prep works underway.	End of July
Ellis-Wallace Bridge on Ellis Wallace Road	Hastings District Council	Work has started. This bridge may be completed after Awatere River Bridge, depending on progress.	2 August
Hollywood Bridge on Bushy Knoll Road	Gisborne District Council	Mabey bridge will be used due to span required. Site prep works underway, bridge components that were shipped from Sydney should now be in Auckland Harbour awaiting transport to Gisborne	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.	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	17 July - Pedestrian access Construction to continue, light vehicle access being established from 24 July
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 19 July 2023\*

## Initial response

Update on funding approvals and amounts claimed:

2022/23 \$million	Approved as at 10- July-23  (funding allocated for specific activity)	Approved as at 17- July-23  (funding allocated for specific activity)	Change since last week	Claimed as at 10- July-23  (accrued commitments/ payments made)	Claimed as at 17- July-23  (accrued commitments/ payments made)	Change since last week
Local Roads	259	259	0	198.3	210.2	11.9
State Highways	95.2 (est.)	95.2 (est.)	0	80.5	97.2	16.7
<b>TOTAL</b>	<b>354.2 (est.)</b>	<b>354.2 (est.)</b>	<b>0</b>	<b>278.8</b>	<b>307.4</b>	<b>28.6</b>

### Key Points:

- No new funding applications were received in the last week.
- Final claims for the 2022/23 financial year must be received by 18 July 2023 and 2022/23 ledgers close on 21 July 2023. Confirmed expenditure for the 2022/23 financial year will be available from early August 2023 but we estimate will be circa \$310 million. A capital injection will be sought for the shortfall in 2022/23 funding vs the appropriation (\$250 million).
- The largest claims for state highways received this week were from Hawke's Bay region (\$11 million), Waikato region (\$3 million) and Gisborne region (\$1 million).
- The largest claims for local roads received this week were from Kaipara District Council (\$5 million), Western Bay of Plenty District Council (\$2 million), Taranaki District Council (\$2 million) and Far North District Council (\$1 million).

\* Note: figures are NLTF share. Claims relate to 2022/23 only. Updated spend for 2023/24 will be included in future reports

# Weather events recovery and rebuild communications and engagement overview

## WHAT'S HAPPENED: 15 - 21 July



### NATIONAL

- Engagement with TREC C&E lead around planning and alignment
- Ongoing key messaging and reporting
- Assisted with media enquiries relating to TREC

#### 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*



### NORTHLAND

#### 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*



### WAIKATO

#### SH25 and SH25A Coromandel

- Onsite meeting with SH25A Taparahi slip consortia
- Meeting with Thames-Coromandel District Council comms team
- Preparation for SH25 temporary speed announcement
- Update provided to Ngāti Maru
- Preparation for August site visits
- Recovery group updates

#### RISKS:

- *Ongoing SH25 vulnerability, including speed limits*



### TAIRĀWHITI / HAWKE'S BAY

#### Transport Rebuild East Coast Alliance (TREC)

- Media queries about how the alliance will work, and what work it will be undertaking

#### Tairāwhiti

- Comms regarding Hikuwai bridge closure and Te Karaka tree removal

#### Hawke's Bay

- Ongoing comms for recovery works

Director Regional Relationships (DRR) update to council Mayors and CEs across both regions

#### RISK:

- *Under resourced + s9(2)(g)(i)*

## WHAT'S COMING UP: 22 – 28 July



- Ongoing key messaging and reporting



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



- Weekly meeting with Sh25A Taparahi slip consortia
- Fortnightly e-newsletter and website updates
- Preparation for August site visits



- 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