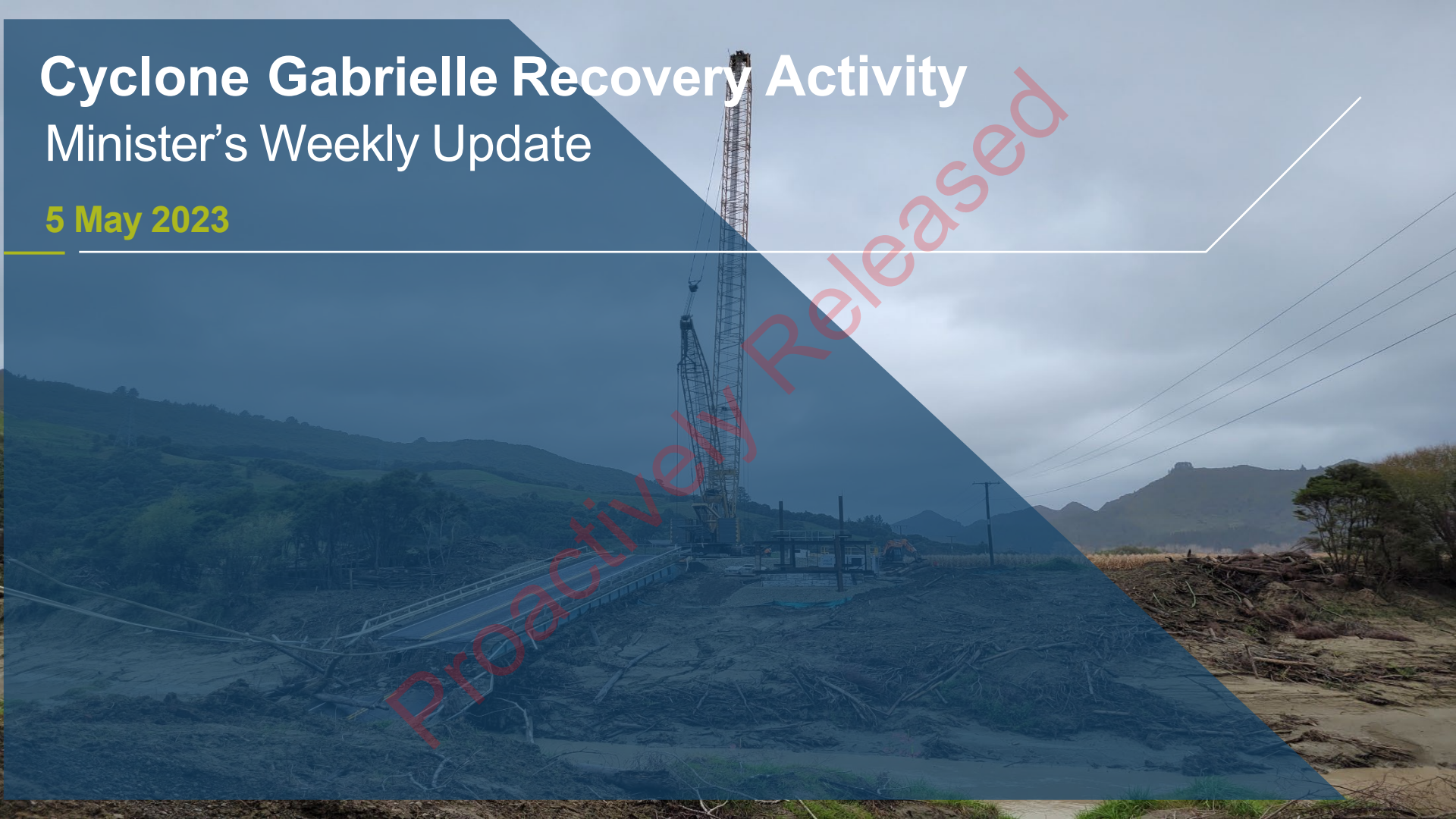


# Cyclone Gabrielle Recovery Activity

## Minister's Weekly Update

5 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 and State Highway 2, between Napier and Tūhira are the only sections of State Highway network that are still closed.  Some limited convoy access is allowed on State Highway 2 during week days.
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 the end of June 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.

### National Emergency Response Team (NERT) - We have re-established a NERT to monitor the current atmospheric river weather event

#### Northland

- After works to address the major over slip and carryout drainage work, **State Highway 1, Brynderwyns, opened on 1 May 2023** ahead of schedule.
- **State Highway 1, Dome Valley** - Warkworth to Wellsford, was closed on 30 April 2023 due to a slip. It re-opened in both directions through this section of Dome Valley on 1 May 2023. While State Highway 1, Dome Valley was closed, Woodcocks Road, West Coast Road and State Highway 16 were set up as the detour routes.

#### Coromandel

- State Highway 2, Karangahake Gorge, was closed on 1 May 2023 in both directions between Waihi and Paeroa due to a slip. The road re-opened to one lane later that day under traffic management and fully re-opened at 9am on 2 May 2023 under speed restrictions of 50 kilometres per hour.
- State Highway 25A, Kopu to Hikuai, remains closed to all vehicles until further notice. Beca delivered the ground investigations report on 2 May 2023. The report will inform the decision that is due to be announced on 10 May 2023, confirming the preferred option (either a bridge or retaining wall).
- Physical works are underway on the under slip on State Highway 25, Opoutere-McBeth, and are expected to be completed by late May 2023.

#### Tāirāwhiti

- The Hikuwai Bailey bridge is scheduled to open in late May 2023.
- State Highway 35 is still fully operating, 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 any weather events.
- A rehabilitation programme using foam bitumen<sup>1</sup> on State Highway 2, Waioeka Gorge, started 2 May 2023. This will be followed by an asphalt works programme. This is to ensure that the pavement holds over the winter and can handle the increased freight volumes currently using the route between Ōpōtiki and Gisborne.

<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.

# Road status - Key operational progress updates

## Overall



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

### Hawke's Bay

- Waikare Bridge repair works are nearing completion. The Bailey bridge has been launched and is now in place, work is now focused on the approaches onto the bridge structure. We are aiming to open the bridge to residents (with restrictions) on 13 May 2023, and to the public at the end of May 2023.
- State Highway 2 through to Napier will be open mid May 2023, but will have significant temporary traffic management in place while further recovery work is undertaken. A Trigger Action Response Plan will be put in place and the route will be susceptible to future road closures.
- State Highway 5 works are progressing well on several of the emergency works sites. The large drop out at Glengarry is progressing well and is expected to be completed at the end of July 2023.

Proactively Reviewed

<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.

# Alliance / Strategic Planning

## Alliance

- We are currently working through the three-month establishment period and the longer-term delivery framework.
- We continue to develop a procurement strategy, including outlining how regional contractors and consultants will be engaged.
- Key roles, including the Alliance Director and Owner Interface Managers for both Waka Kotahi and KiwiRail, have been appointed.
- We are looking to have further discussions with local contractors during the week ending 12 May 2023.

## Strategic resilience plan

### 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 identify the 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 seven of this 12-week project. The focus for the week ending 5 May 2023 has been completing long list assessments and developing programmes for each corridor for further assessment (State Highway 2, State Highway 35 and State Highway 38).

### East Coast - Hawke's Bay

- A project team has been established for the Hawke's Bay Resilience Strategic Approach work. A point of entry, including scope, was submitted for funding during the week ending 27 April 2023.
- This work will identify options for resilience works in the short, medium and long term. Local council(s), as well as iwi, will be engaged during this stage of the plan.

# Strategic Planning continued

## Coromandel / Hauraki

- A project team has been established for the Coromandel Hauraki Resilience Strategic Approach work. A point of entry, including scope, was submitted for funding during the week ending 27 April 2023.
- This work will identify options for resilience works in the short, medium and long term. Local council(s), as well as iwi, will be engaged during this stage of the plan.
- A Programme Director has been appointed for all recovery and resilience works across the Coromandel; this includes both strategic and physical works, which are being coordinated with Thames Coromandel District Council. A joint operational plan for the sub-region, while State Highway 25A is closed, will be developed.

## Northland

- The Brynderwyn's Resilience Strategic Approach work sees consultants coming on board to assist with the business case and next steps. This work will identify options for resilience works in the short, medium and long term. Local council(s), as well as iwi, will be engaged during this stage of the plan.

# Iwi engagement

## Tairāwhiti Wairoa Resilience Strategic Response (RSP)

- Waka Kotahi has provided a briefing pack on the project and current status for iwi groups via the Pou Ārahi.
- This was shared with Treaty Partners so that they have an understanding of what we are working towards and to understand how best to work alongside them in this piece of work. This is the same information that we have shared with councils on our project governance group. A recovery alliance briefing pack was included in the same email.
- We have followed up to arrange hui; however, a number of groups are yet to confirm a time. Our Pou Ārahi is visiting the region in early May 2023 to re-engage kanohi ki te kanohi.
- Waka Kotahi met with the Wairoa District Council Chief Executive and Mayor, and the Ngāi Tuhoe Chief Executive and kaumatua to discuss the relevant State Highway 2 aspects of the project. The Project Sponsor, Transport Planning lead, Project Manager, Waka Kotahi Director of Regional Relationships and Pou Ārahi were all in attendance.
- We met with Ngāti Pāhauwera during the week ending 28 April 2023 to discuss the project. They would like to be updated regularly, and we are working towards a further hui in mid-May.

## Other Strategic Response Projects

- We are yet to commence iwi engagement for the other Resilience Strategic Response projects, though in some cases we have had initial meetings with iwi, such as Ngāti Maru in Coromandel.

# Supporting local roads recovery in Coromandel

Waka Kotahi and Thames Coromandel District Council (TCDC) are working together in a collaborative manner on the recovery and long term resilience works for the Coromandel Peninsula – both local road and state highways.

Representatives from both organisations are meeting weekly to share updates, lessons learnt and discuss how we can best deliver a coordinated response to the recovery, rebuild and long term strategic view for the Peninsular.

Currently TCDC and Waka Kotahi are developing the long-term strategic response plan, due to be completed over the next 12 weeks. Within the scope of this work is a focus specifically on three local roads:

- Tapu-Coroglen Road
- 309 Road
- Colville Road (Coromandel to Colville).

The investigation of a 'blue highway' between the Peninsular and Auckland is also a high priority for TCDC so this will also form part of the strategic review.



# Bailey Bridges

Allocation, provision and build of Bailey bridges continue to be areas of focus. The National Emergency Management Agency (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	Physical works underway, bailey bridge installation started 26/4	Early May
SH35 Hikuwai No. 1 Bridge	Waka Kotahi, Gisborne	Physical works underway	End of May
Whanawhana Bridge on Whanawhana Road	Hastings District Council	Physical works underway, site ready, installation has begun.	Early May
Moeangiangi Bridge on Waikare Rd	Hastings District Council	Site investigation and design underway.	May
Mangatutu Low Level Bridge on Mangatutu Road	Hastings District Council	Site investigation and design underway.	May
Ellis-Wallace Bridge on Ellis Wallace Road	Hastings District Council	Site investigation and design underway.	May
Hollywood Bridge on Bushy Knoll Road	Gisborne District Council	Mabey Bridge will be used due to span required	End of May
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.	Beginning of June

Bridge Name	Road Controlling Authority	Reason bailey bridge not required
Arapaoanui low level bridge	Hastings District Council	RCA advised that alternative solution was being pursued.
Dartmoor bridge	Hastings District Council	Staging. (Class 1 / General access traffic loading)
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.
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
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 3 May 2023

## Initial response

Update on funding approvals and amounts claimed:

\$million	Approved as at 24 April 23 <small>(funding allocated for specific activity)</small>	Approved as at 2 May 23 <small>(funding allocated for specific activity)</small>	Change since previous week	Claimed as at 24 April 23 <small>(accrued commitments/ payments made)</small>	Claimed as at 2 May 23 <small>(accrued commitments/ payments made)</small>	Change since previous week
Local Roads	173	180	7	46.6	47.5	0.9
Kiwi Rail	40	40	0	6.4	6.4	0
State Highways	76 (est.)	76 (est.)	0	29.8	29.8	0
<b>TOTAL</b>	<b>289 (est.)</b>	<b>296 (est.)</b>	<b>7</b>	<b>82.8</b>	<b>83.7</b>	<b>0.9</b>

## Key Points:

- A combined Waikato/Bay of Plenty request (\$13.8 million) and approximately \$13 million of further requests are currently under review and not included in the above approved totals. These pending approvals are expected to be approved in the next week.
- 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.
- Work is continuing to confirm the costs of the initial response on the state highway network.
- The KiwiRail claim of \$6.4 million is the cost incurred to end March 2023, but has not yet been claimed. We understand KiwiRail costs are no longer to be met from the approved response funding and will be removed from future reports.

Note: all costs are NLTF share only

# Weather events response and recovery communications and engagement

## WHAT'S HAPPENED: 29 APRIL-5 MAY



### NATIONAL

- Iwi Chairs Forum confirmed engagement on recovery and rebuild will be with Ministers. MoT will be invited to present via the Climate Pou + the Economic Pou
- DPMC Cyclone Recovery Unit, Te Puni Kōkiri, Te Arawhiti + DIA are developing a collaborative approach to consult with iwi/Māori + council on multiple Orders in Council
- We contacted Te Arawhiti + will meet Māori advisors at DPMC Cyclone Recovery Unit

**RISK:** iwi/Māori in impacted regions are limited in capacity to engage with government

- Key messaging + state highway access maps updated - sent internally
- Alliance comms + engagement plan updated
- Alliance ministerial pack and key stakeholder map drafted + being reviewed
- Council live call
- Consultants + contractors email update



### NORTHLAND



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

#### Brynderwyns

- Brynderwyn Hills is open to all traffic in both directions
- No further comms planned

#### 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



### WAIKATO

#### SH25 and SH25A Coromandel

- Preparing for Ministerial event on 9 May (new date) to announce SH25A option
- Engagement with Ngati Maru
- [Weekly e-news](#) sent
- Recovery cross-government meeting
- Comms + engagement plan for strategic resilience recovery plan drafted + prepared for workshops

#### SH31 Kāwhia – on track for a mid-May completion

**SH23 Raglan** – successful blessing + opening event 2 May with great media coverage; webpage updated with new images and drone footage

**RISK:** SH25A announcement and managing expectations; ongoing SH25 vulnerability



### TAIRĀWHITI/WAIROA /HAWKE'S BAY

- Local government update to Hawke's Bay + Tairāwhiti Mayors + council CEs + iwi by Linda (DRR) – also went to Minister Wood + Allan
- SH2 asphalt resurfacing stakeholder email issued
- Hui with SH5 community reps on 1 May to hear concerns + insights + update on work happening. Was well-received, follow-up meeting to be organised
- Email update sent to communities on SH2 on 3 May. Included an invite to community meeting
- Seventh edition of Hawke's Bay recovery newsletter sent 5 May
- Maungaharuru Tangitū Trust requested a detailed overview of all damaged sites + structures in their takiwā (SH2 + SH5) – this was provided 1 May
- Liaised with Ngāti Pahauwera on opening blessing ceremony of SH2 Napier to Wairoa + the Waikare Bailey Bridge
- Recently met with Ngati Tuhoe + Ngati Pahauwera to discuss strategic resilience recovery plan + with Wairoa DC on SH38 specifically

## WHAT'S COMING UP: 6-12 MAY



- ELT video SH25A announcement
- Update and share messaging (Tuesday)
- Brett's monthly update to Transport Services with SH25A announcement
- Interim Alliance comms + engagement plan reviewed
- Alliance ministerial pack + stakeholder map finalised + in use



#### SH25 and SH25A Coromandel

- Ministerial announcement 9 May – media release, web updates + e-news + internal comms
- Ongoing weekly e-news
- Coromandel FM interview (Rob Campbell)
- Further web updates + advertising campaign preparation on next steps for solution
- Proposed hui with Ngati Maru
- First stakeholder workshop for strategic resilience work

#### SH31 Kāwhia

- Mid-May announcement of repairs completed preparation – comms + collateral



- Connecting Tairāwhiti e-newsletter with recovery focus
- Strategic resilience recovery plan continues to get focus
- Meeting with community living on SH2 Monday 8 May in Putorino. There will be walking access over the Waikare Bailey Bridge to allow people on northern side of gorge to attend
- A bespoke update to Esk Valley community