# Cyclone Gabrielle Recovery Activity

## Minister's Weekly Update

**21 April 2023**

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# 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 Tutira are the only sections of State Highway network that are still closed.<br><br>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.<br><br>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.*

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# Road status

## Overall

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

### Key operational progress updates

- A planned full closure for State Highway 1, Brynderwyns, for two weeks commenced on 17 April 2023 to address the major over slip and carry out drainage works.
- State Highway 25A, Kopu to Hikuai, remains closed to all vehicles until further notice. Geotechnical investigations were completed in late March 2023 and an options assessment is underway. We have arrived at two options now that we have a better understanding of the ground conditions. In determining the best option, weighting will be placed on the time taken to reinstate the route.
- Repairs are underway on the under slip on State Highway 25, Opoutere-McBeth, and are expected to be complete by 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.
- Weather and materials not performing as expected have caused delays to Waikare Bridge repairs. We are aiming to open the bridge to residents (with restrictions) in mid May 2023 and to the public at the end of May 2023.
- The Hikuwai Bailey bridge is scheduled to open in late May 2023.
- State Highway 2, Waioeka Gorge, is scheduled to have 24 lane kilometres (12 kilometres full carriageway) rehabilitated using foam bitumen[1] to ensure that the pavement holds over the winter and can handle the increased freight volumes currently using the route between Opotiki and Gisborne. Works are scheduled to begin during the first week of May 2023 and will take approximately 30 days to complete.
- A closure of the Waitangi Bridge is scheduled for the week ending 28 April 2023 for debris clearing. There is a 60 kilometre speed limit now in place.

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[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 its more resistant to moisture once compacted and it can be opened to traffic much earlier than cement bound products.

# Alliance / Strategic Resilience Plan

## Alliance

- Following the signing of the interim alliance agreement for the East Coast Recovery on 13 April 2023, there have been positive media stories published (Scoop, NZ Trucking, Gisborne Herald) and media enquiries.
- We are currently working through the three-month establishment period and the much more long-term delivery framework.
- We are also developing a procurement strategy and determining how regional contractors and consultants will be engaged.

## Strategic resilience plan

- Focus is on the development of a national strategic resilience plan. This work will further support the work that has already taken place in the affected regions and identify options for resilience works in the short, medium and long term.
- Various programmes and funding required will be refined in the next stages following investigations in the project area/s.
- Local council(s) within each affected region, as well as iwi, will be engaged during this stage of the plan.
- The Tairāwhiti/Wairoa planning is currently in week five of this 12-week project; the focus for the week ending 21 April 2023 has been on finalising the strategic case, holding the long list workshops, establishing the assessment criteria and testing/applying the strategic recovery framework.
- Far North Resilience – State Highway 1, Mangamuka – The business case for long term resilience for the Far North is underway. Joint workshops were held with community and iwi representatives to develop the long list of options. The short list options are currently being prioritised and costed, and we expect to complete the business case by the end of the current financial year.
- A project team has been established for the Coromandel Strategic Resilience planning work, which is progressing.
- The Brynderwyn's Strategic Resilience approach work is still in the planning phase and will start in the next few weeks.
- Both the Coromandel and Brynderwyn's strategic resilience approach projects will follow a similar template to the Tairāwhiti/Wairoa work.
- Work is underway with Thames Coromandel District Council to join up on the recovery works, support contingency planning for potential future closures and develop a joint operational plan for the sub-region while State Highway 25A is closed.
- A Programme Director has been appointed for all recovery and resilience works across Coromandel.

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# Bailey Bridges

| 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 | 23 April (MDC website) |
| SH2 Waikare River Bridge | Waka Kotahi, Hawke's Bay | Physical works underway for approaches and substructure. slight delay due to unfavourable weather on Easter weekend | Late - April |
| SH35 Hikuwai No. 1 Bridge | Waka Kotahi, Gisborne | Physical works underway | Mid May |
| Whanawhana Bridge on Whanawhana Road | Hastings District Council | Design underway. Site investigations underway to locate remaining buried bridge substructure elements. Possible start on Bailey installation late-April. | 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 | Site investigation and design underway. Use of Mabey bridge proposed 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 |
|---|---|---|
| Aropanui low level bridge | Hastings District Council | RCA advised that alternative solution was being pursued. |
| Dartmoor bridge | Hastings District Council | RCA advised that alternative solution was being pursued. |
| Matapiro bridge | Hastings District Council | RCA advised that alternative solution was being pursued. |
| Crownthrope bridge | Hastings District Council | RCA advised that alternative solution was being pursued. |
| Brookfield Bridge | Hastings District Council | RCA advised that alternative solution was being pursued. |
| Te Puna bridge | Hastings District Council | RCA advised that alternative solution was being pursued. |
| Puketapu bridge | Hastings District Council | RCA advised that alternative solution was being pursued. |
| Darkeys Spur no.1 bridge | Hastings District Council | RCA advised that alternative solution was being pursued. |
| McVicars culvert | Hastings District Council | RCA advised that alternative solution was being pursued. |

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# Funding update as at 19 April 2023

## Initial response

Update on funding approvals and amounts claimed:

| $million | Approved as at 11 April 2023 (funding allocated for specific activity) | Approved as at 17 April 2023 (funding allocated for specific activity) | Change since previous week | Claimed as at 11 April 2023 (accrued commitments/ payments made) | Claimed as at 17 April 2023 (accrued commitments/ payments made) | Change since previous week |
|---|---|---|---|---|---|---|
| Local Roads | 145 | 145 | 0 | 27.4 | 43.6 | 16.2 |
| Kiwi Rail | 40 (est.) | 40 (est.) | 0 | 3.5 | 6.4* | 2.9 |
| State Highways | 76 (est.) | 76 (est.) | 0 | 14.1 | 29.8 | 15.7 |
| **TOTAL** | **261 (est.)** | **261 (est.)** | **0** | **45.0** | **79.8** | 34.8 |

### Key Points:

- KiwiRail claim of $6.4 million is the cost incurred to end March 2023, not yet claimed.
- There is no change to the approved requests for local roads, however, a significant increase in Local Roads approvals is expected to be reported in the week ending 28 April 2023 (~$40 million), with a combined Waikato/Bay of Plenty request for $13.8 million (NLTF share) pending (not included in the above approved totals). Also pending is Auckland Transport's funding request for the initial response of $28.2 million (NLTF share), which will be reported following decisions of the April Board meeting (20 April 2023).
- The increase in claims for local roads stems from four claims – the largest of which are from Wairoa District Council ($4.0 million) and Hastings District Council ($11.7 million).
- Work is continuing to confirm the costs of the initial response on the State Highway Network.

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# Weather events response and recovery communications and engagement

## WHAT'S HAPPENED: 15-21 APRIL

### NATIONAL

- Key messaging + state highway access maps updated + milestone visual included + sent internally (Tuesday)
- ELT video update on recovery + alliance
- OnRamp page updated + includes milestone visual
- Consultant expressions of interest process communicated

### NORTHLAND

**Brynderwyns**

- Brynderwyn Hills closure started Sunday 11:59pm for approximately two weeks (weather dependent)
- Social media reminders
- Media interviews
- Video published 21 April showing work during closure
- Key stakeholder email updates

**Mangamuka Gorge**

*Noting the gorge was closed in August 2022 due to weather events and 15 slips*

- Social media post
- Residents update
- Continue distribution of flyers
- Meeting with hapū reps

### WAIKATO

**SH25 and SH25A Coromandel**

- Weekly e-news out + three social posts on SH25A, SH25 Opoutere and SH25 Ruamahunga to update on progress
- Preparing for Ministerial announcement event – to announce SH25A (now TBC 12 May) + working with Thames-Coromandel District Council as hosts
- Regional plan for signage while SH25A is closed is progressing to installation
- Preparing comms for SH25 closures for Geotech at slip sites

**SH31 Kāwhia** – daytime closures continue for repairs to mid-May; extra VMS added to keep people away

**SH23 Raglan** – updated webpage with new images; working on Ministerial event documentation for blessing + celebration event with Minister Nanaia Mahuta combined with blessing (Ngāti Mahanga);
e-newsletter issues + social media post on progress

**RISK:** *SH25A managing heightened community concerns about rebuild timeframe; SH25 vulnerability + community concerns; SH31 long daytime closures while rebuild is underway*

### EAST COAST

- Multiple media releases and responses, and social media
- Update to the Tūtira community about the access times around Anzac Day, Waikare Bailey bridge works and the Esk Bridge Strengthening work (pre-cyclone defect)
- Local government update to Hawke's Bay + Tairāwhiti Mayors + council CEs by Linda (DRR) – also went to Minister Wood + Allan
- Continued engagement with mana whenua on collaborative delivery model + to develop the Strategic Recovery Resilience plan (Tairāwhiti, Wairoa + Northern Hawke's Bay)
- Second ILM workshop held in person to determine approaches in Strategic Recovery Resilience plan
- Hui Thursday with Ngāti Hineuru members in Napier on views and inform on SH5 corridor programme
- SH5 corridor update for freight out Thursday
- Esk Bridge strengthening work starts 30 April – was pre-cyclone defect; notification to community + media release + Facebook post re three-week closure

## WHAT'S COMING UP: 22-28 APRIL

- ELT video recovery progress
- Update and share messaging (Tuesday)
- Determine comms support needed for design philosophy + standardisation work
- Progress update to industry

**Brynderwyns**

- Key stakeholder updates
- Social media updates
- Media release about opening date

**Mangamuka Gorge**

- Hapu, key stakeholder + elected reps update
- E-newsletter
- New drone footage to be received (TBC)

**SH25 and SH25A Coromandel**

- Weekly e-news
- Confirm Ministerial event date + documentation + prepare campaign to announce solution (local media channels, Coromandel FM interview (Cara Lauder)
- Prepare for next hui with Ngāti Maru
- Draft advertorial for The Valley

**SH23 Raglan**

- Event documentation for blessing + opening (2 May)
- Potentially update web pages with new images/drone footage

**SH31 Kāwhia**

- E-newsletter update (hard copies to village stores) + Facebook post on repairs + progress

- 300-tonne crane at Hikuwai Bridge being assembled – highlight progress to communities + stakeholders
- New update to be shared to Tūtira community
- Inviting state highway community reps to attend online hui (1 May) about work happening on SH5 + to hear concerns
- Interview for Radio Ngāti Porou with Helen Harris on road safety week in wake of cyclone

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