

# Cyclone Gabrielle Recovery Activity

## Minister's Weekly Update

29 September 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 (e.g. 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.  Traffic management and speed restrictions are in place on State Highway 2 between Napier and Wairoa, as well as between Gisborne and Opōtiki, while repairs continue.
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.	Initial assessments have been completed, and detailed assessments continue for specific areas of the network.  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 complete and endorsed by late 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.** Contractors continue to work across both day and night shifts. The expected opening date is trending towards the third quarter of 2024.
- **State Highway 1, Brynderwyns.** A recommended repair option to return this section of state highway back to pre-event level of service is being investigated. The proposal could require a full closure of State Highway 1, with crews working day and night shifts to complete works as quickly as possible.
- **State Highway 12.** Recovery design work is in progress for this corridor. Some areas remain under traffic management. Repairs at the Kauri Bushmans site have commenced.
- **State Highway 1, Dome Valley.** Recovery work has commenced, and a delivery programme is in place. Planning is underway for a one-way closure before the end of 2023.

## Coromandel

- **State Highway 25A, Kopu to Hikuai** remains closed to all vehicles until further notice.
- **State Highway 25A.** Seven crews are currently working in State Highway 25A whilst it is closed, removing slips, upgrading drainage, removing vegetation and completing routine maintenance works.
- **State Highway 25A Gurnick's Culvert.** Replacement of this box culvert is underway. Evidence of historical subsidence at this site has been identified when undertaking this work, supporting the need to accelerate these rebuild works whilst State Highway 25A is closed
- **State Highway 25A, Taparahi bridge.** Below ground works are close to completion and abutments are currently being formed and poured ahead of the first bridge beams being delivered to site in early October 2023.
- **State Highway 25 Coroglen underslip.** Works commenced with tree removal on private land with excavator support on 18 and 19 September 2023, with 24-hour manned Temporary Traffic Management installed on 20 September 2023 for the commencement of the slip repair work itself.
- **Community Engagement** – meetings with Community Boards and Business Associations have commenced and will be ongoing for another two weeks. Hui are being held across the Peninsula in collaboration with Thames Coromandel District Council (TCDC), with the purpose of providing an update on the recovery and rebuild activities.
- **Workforce Planning** – TCDC, the Ministry of Business, Innovation and Employment (MBIE) and Waka Kotahi are having a hui on 29 September 2023 to discuss future workforce demands and how we can use the rebuild works to grow capacity and capability within the district.

# Road status-Key operational progress updates

## Overall



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### Tairāwhiti

- **State Highway 35** is open with works being carried out on multiple sites under temporary traffic management. The network remains fragile, and we continue to monitor for any changes following weather events. Minor flooding and treefalls have occurred following the recent rain event, however all roads remain open.
- Foamed bitumen stabilisation<sup>1</sup> pavement work on **State Highway 2, Waioeka Gorge and State Highway 2 Wairoa to Gisborne**, is ongoing and expected to continue into the construction season as more sites have been added to the programme.
- Due to multiple dropouts and overslips, **State Highway 2 north between Te Karaka and Matawai** is operating under temporary traffic lights until further notice.
- **State Highway 2 South** - minor flooding experienced due to the recent rains however the road remains open.
- The Asphalt Concrete programme continues on **State Highway 2 north of Gisborne** with works being carried out at night. Slight delays have been experienced due to inclement weather conditions, however this programme is expected to be completed in early October 2023.

### Hawke's Bay

- **State Highway 2 between Napier and Wairoa** is open and functioning well. With the establishment of Transport Rebuild East Coast (TREC) in progress, recovery works at **State Highway 2 Te Ngarue Culvert** have commenced and will reinstate two lanes of traffic. Design and construction at **Devil's Elbow** are being prioritised. Further north at **State Highway 2 Mōrere**, drainage and stormwater control works are underway to mitigate the hillside landslip, while a repair is designed. Repairs are being planned for the approaches to the **Waikare River Bailey Bridge** and a closure will be required in late October 2023.
- Emergency works along **State Highway 5** continue. The **Esk Forest** underslip has been backfilled to road level, with final kerb and channel and drainage now constructed and pavement works underway. The road will soon open to two lanes, with traffic lights being removed. Repair for the dropout at **Elands** is also near completion and will soon open to two lanes, also removing the need for traffic lights. Construction has started at **Captains Culvert**, another site where the road is currently down to one lane. Other works nearby continue; it is estimated this work will be complete and the road reinstated to two lanes of traffic by the end of October 2023.
- Works continue at a large number of storm damaged sites along **State Highway 2, State Highway 5 and State Highway 38**. The number of locations subject to temporary speed restrictions and traffic management are reducing over time.
- **Tuatekuri Waimate Stream Bridge on State Highway 2 (Expressway)** requires further scour protection works following temporary repairs undertaken during the initial cyclone response. We are currently planning for two night closures in mid-October 2023 to commence this work.

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

# Transport Rebuild East Coast (TREC) Alliance

- 80 people are currently working for TREC, some of whom have been seconded from alliance partners and others who have been recruited from other organisations. Another 80 people will begin with TREC from October 2023. More than half of the people recruited are local. TREC is advertising for a variety of roles and is focused on recruiting local people as much as possible.
- Local targeted recruitment advertising has been underway for the last two weeks and national recruitment will begin this week via LinkedIn and SEEK. It is expected the team will grow at pace now to be ready for the Spring/Summer season.
- Three shortlisted preferred proponents for the Professional Services Sub-Alliance partners have been confirmed – they are Aurecon, WSP and Tonkin Taylor. Discussions are currently underway with several locally-based firms, as the alliance looks to secure the services of additional professional service providers – this will be focussed on local businesses.
- A Registration of Interest (ROI) for physical works has been sent out to contractors and suppliers who expressed interest in working with TREC. This has also been advertised on the Government Electronic Tender Service (GETS). The ROI closes at midday, Friday 6 October 2023. This is in addition to the 280 local service companies already registered with TREC and will identify more specialist contractors to compliment the local workforce.
- TREC planning is underway, and we have prioritised sites for our programme management into Priority 1, 2 and 3 sites. Local/iwi contractors who are prequalified to work for Waka Kotahi will be engaged for these early/critical works.
- TREC mobilisation of a crew to site for recovery work started at Te Ngarue Culvert and other sites will follow.
- The transition of the existing maintenance contracts into the alliance continues, with the targeted full handover date being 1 October 2023.
- TREC hubs/offices are in Gisborne, Napier and Auckland. The details for the permanent Christchurch office are currently being reviewed ahead of sign-off by Waka Kotahi.

## Resilience Strategic Recovery Frameworks

- The Whangārei to Dome Valley, Coromandel Hauraki and Hawke's Bay approaches have been endorsed by the Waka Kotahi Board at their September 2023 meeting.



# Bailey Bridges

Funding is currently being confirmed to replace Bailey bridge stock, a need that stemmed from the use of most reserve stock to replace the bridges destroyed during Cyclone Gabrielle. A decision on funding and procurement is expected in the near future.

Work is also underway to repair damaged components to increase the availability of Bailey bridge stock located across the North and South Island.

PRIORITISED BAILEY BRIDGES AND STATUS				Other Bridges	Road Controlling Authority	Status update
Bridge & Name	Road Controlling Authority	Status	Bailey Bridge Opening	Arapaanui low level bridge	Hastings District Council	Access established
Opoiti Bridge on Tiniroro Road	Wairoa District Council	Bridge installation completed	23 February	Dartmoor bridge	Hastings District Council	Access established
Rissington Bridge on Puketitiri Road	Hastings District Council	Bridge installation completed	31 March	Matapiro bridge	Hastings District Council	Temporary access established. Options are being considered for the permanent structure.
Makieke (Coal) Creek Bridge on Pohangina Road	Manawatu District Council	Bridge installation completed	21 April	Crownthrope bridge	Hastings District Council	HDC currently have the site open to light vehicles under traffic management while they continue construction.
SH2 Waikare River Bridge	Waka Kotahi, Hawke's Bay	Bridge installation completed	14 May	Brookfield Bridge	Hastings District Council	Resilience options for determining the outcome.
Whanawhana Bridge on Whanawhana Road	Hastings District Council	Bridge installation completed	15 May	Te Puna bridge	Hastings District Council	RCA advised that alternative solution was being pursued.
Moeangiangi Bridge on Waikare Rd	Hastings District Council	Bridge installation completed	13 June	Puketapu bridge	Hastings District Council	Proposing solutions for access, working through design.
SH35 Hikuwai No. 1 Bridge	Waka Kotahi, Gisborne	Bridge installation completed	14 June	Darkeys Spur no.1 bridge	Hastings District Council	Large scale works required
Mangatutu Low Level Bridge on Mangatutu Road	Hastings District Council	Bridge installation completed	15 June	McIvars culvert	Hastings District Council	Temp access established. Permanent solution initiated for resilience.
Follies Bridge on Waihou Rd	Hastings District Council	Bridge installation completed	13 July			
Awatere Bridge on East Cape Rd	Gisborne District Council	Bridge installation completed	22 July			
Ellis-Wallace Bridge on Ellis Wallace Road	Hastings District Council	Bridge installation completed	11 August			
Hollywood Bridge on Bushy Knoll Road	Gisborne District Council	Mabey bridge will be used due to span required. Bridge construction has been completed. Opened 27 September	27 September			
Te Reinga Bridge on Ruakitura Road	Wairoa District Council	Existing bridge has been demolished. Single span Bailey between the staging works to be installed. Current indication is works beginning in mid - late Spring.	November			

# Funding update at 27 September 2023

## North Island Weather Events (NIWE)

Update on 2023/24 funding approvals and amounts claimed (both response and recovery):

2023/24 \$million	Approved as at 18-Sep-23	Approved as at 25-Sep-23	Change since last week	Claimed as at 18-Sep-23	Claimed as at 25-Sep-23	Change since last week	Crown Funding Allocated <sup>1</sup>
Local Roads	170.3	170.3	0	61.0	65.4	4.4	137.5
State Highways	13.1	13.1	0	45.6	45.6	0.0	415.5
<b>TOTAL</b>	<b>183.4</b>	<b>183.4</b>	<b>0</b>	<b>106.6</b>	<b>111.0</b>	<b>4.4</b>	<b>553.0</b>

<sup>1</sup> The allocation of Crown funding is notional and can be adjusted based on demand.

## Key Points:

- TREC is being formed to carry out recovery work on state highways and railways in Hawke's Bay and Gisborne regions. A funding request of \$218.8 million for 2023/24 and \$164.7 million for 2024/25 has been received and is under review. It will be considered by the Board in November 2023.
- A funding request has been received from Auckland Transport for \$134.6 million in 2023/24 and \$44.0 million in 2024/25 under current Emergency Works policy Funding Assistance Rates. The request is under review and will be considered by the Board in September 2023.
- The largest of the local road claims received this week were: Kaipara District Council (\$3.1 million), and Far North District Council (\$0.9 million).
- Note the figures above exclude 2022/23 funding, for which the final claims (response) were: \$112.4 million for state highways and \$210.0 million for local roads.

Note: All figures are NLTF share and relate to 2023/24 only, unless otherwise stated.