

Hawke's Bay/Tairāwhiti State Highways Update

21 February 2023

Hikuwai (first two attachments)

Tairāwhiti State Highways Update

Efforts to clear the region's state highways continue with dust issues and silt removal being managed closely by contractors.

A key focus for the team will be to transition State Highway 2 north to Ōpōtiki from daylight only operation to full 24/7 access.

Geo-tech assessments are underway today to determine whether material is continuing to fall onto the highway at an overslip site near Otoko. Opening the route 24/7 will be a big win for the Gisborne community including freight operators as well as ensuring essentials can be getting through to the city.

On SH35 plans progress to install a Bailey Bridge in place of the Hikuwai Bridge which suffered major damage in the Cyclone.

At the SH35 Mangahauini Gorge, the team is investigating the potential for a temporary alternate route north in parallel with the GNS assessment of the safety of the temporary dam formed by a slip during the storm. The safety and geotechnical considerations will determine what is feasible at this site.

SH5 Marshall's Bridge (three photos)

This is the clean-up and work being done on SH5 Marshall's Bridge, showing the massive effort crews are putting in.

Crews are working their way along SH5 in both directions—east from the Hawke's Bay end, and west from the central Waikato area.

Waka Kotahi is working to reopen SH5 and other state highways across the North Island as quickly as it can.

NB: This wording is based on the most recent post from Waka Kotahi:

<https://www.facebook.com/photo/?fbid=559885182837229&set=a.301086902050393>)

Hikuwai:



SH5



Hawke's Bay/Tairāwhiti State Highways Update

22 February 2023

Hawke's Bay

We have made significant progress to clear SH2 North at Tangoio Flats (near Tangoio marae). This road is still closed, however, this work has given iwi and residents access to the marae and urupā to commence the clean up.

The photo shows the damage to the culvert just further North of the marae which makes SH2 impassable further North.



Tairāwhiti

Incoming wet weather is top of mind for the team with the hopes of removing night-time travel restrictions on State Highway 2. Our plans to allow 24-hour access have been put on hold until further assessments have been undertaken once the forecast significant rain has passed.

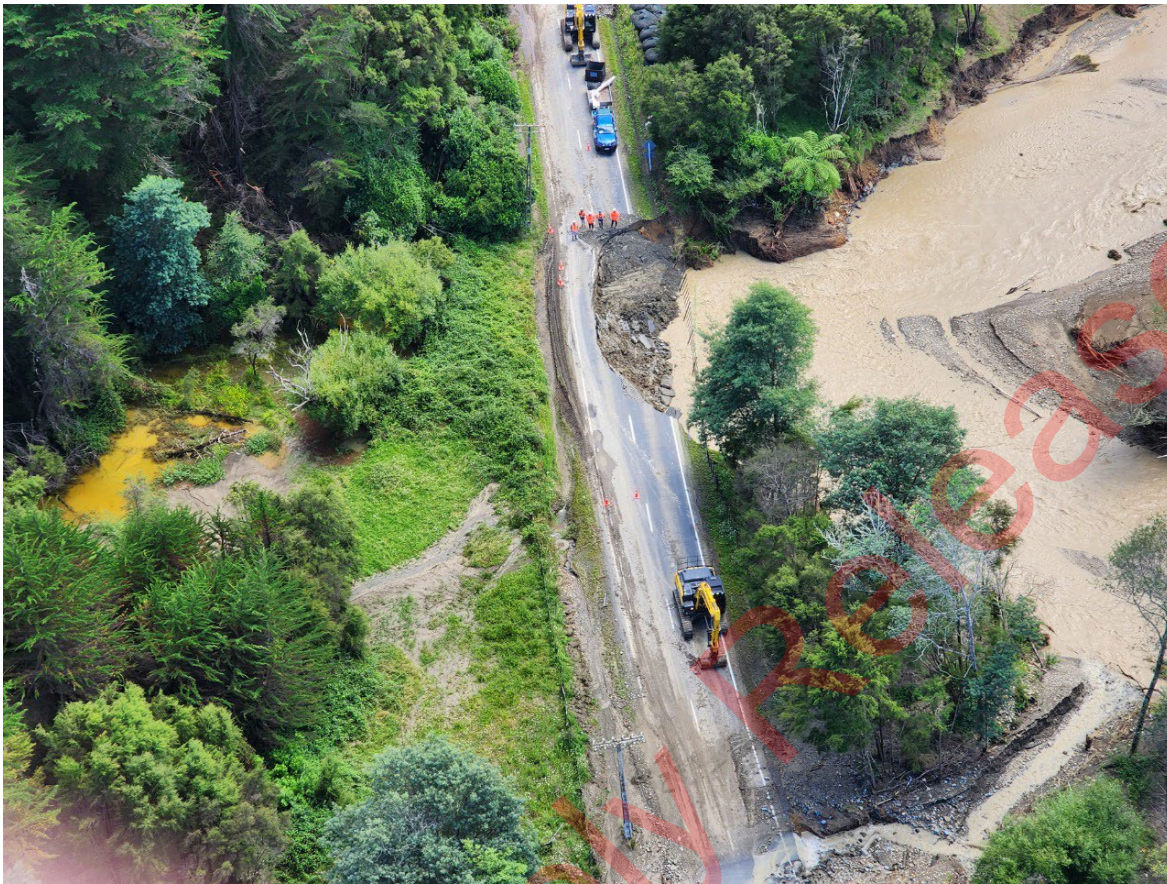
March 6, 2023 has been pencilled in for the commencement of the construction of the Bailey Bridge at SH35 Hikuwai. Teams will build the approaches, piers and abutments to allow the launching of Bailey bridge.

Assessments are ongoing on State Highway 35:

- North of the Mangahauini Gorge closed section and up to Waka Kotahi's Bay of Plenty, boundary, there are about 14 sites where the road will be down to one lane or possibly compromised. The road is passable and only open to emergency vehicles and residents, extreme care needs to be taken.

Across the region, contractors continue to focus on clearing slips and silt from blocked culverts to restore the network to its previous condition.

Photos of Mangahauini Gorge:









Hawke's Bay/Tairāwhiti State Highways Update

23 February 2023

Hawke's Bay

The assessments of impacts to structures (bridges, culverts, etc.) in Hawke's Bay are ongoing.

All structures on OPEN sections of the network have been assessed. As of 22 February, a total of 127 of 158 structures have been inspected. Our teams are planning to have all inspections on ACCESSIBLE parts of the network completed by the end of the week.

The design of repairs of restricted bridges is progressing at full speed.

The picture shows the washed out Waikari River Bridge on SH2 (between Napier and Wairoa) which has been assessed via drone.



Tairāwhiti

The weather remains top of mind with the Gisborne RERT continuing to monitor the situation. Crews will be pulled off sites if deemed unsafe at any time.

Plans to allow 24-hour access on SH2 are still a priority, subject to further assessments being undertaken, particularly of the Otoko slip area which remains unstable, once the forecast significant rain has passed. The slip on SH2 which saw the road closed between Whatatutu intersection (north of Te Karaka) and Matawai for a brief period yesterday has been cleared and monitoring continues. The road is now open to two lanes again.

Work continues on the Bailey Bridge option for SH35 Hikuwai. Alongside this, we are investigating the use of an alternative route currently being proposed by a local contractor, but with the encouragement of local farmers, the forestry industry, and the local community. Messages will be prepared on this once more detail has been sourced. In the meantime, Downer will reinforce the barrier around Hikuwai Bridge to deter public from the area.

Assessments are ongoing on SH35 and we are looking at options to open temporary access through the Mangahauini Gorge. We are also in regular contact with Gisborne District Council regarding the dam in Tokomaru Bay, with concern for any workers, road users and how it may affect solutions for the slip through Managhauini Gorge.

A 'State of the network' press release for Tairāwhiti is likely to be sent out today and will include messaging around adhering to sign-posted speed limits around sites and driving with caution/consideration for workers and other road users.



Figure 1: SH35 Managhauini Gorge slip



Figure 2: SH35 - Tokomaru Bay

Hawke's Bay/Tairāwhiti State Highways Update

24 February 2023

Hawke's Bay

On State Highway 5, contractors continue to clear slips and debris.

The picture below shows a significant drop off on SH5 (near Tarawera) which will need significant geotech and structural engineering. This is just one of more than 30 slip sites on SH5 that we have identified.



Tairāwhiti

The weather remains top of mind with the Gisborne RERT continuing to monitor the situation. So far, the weather over night has not caused any additional significant concerns. Weather related risks will continue to be watched.

Plans to allow 24-hour access on SH2 have been a priority. Following inspections after last night's rain in the Otoko slip area we are removing the restrictions on night-time travel. However, this route has a long history of slips and drivers are requested to use extreme caution in the current conditions. We will continue to monitor this site and other areas of concern on this route on a daily basis.

Work continues on the Bailey Bridge option for SH35 Hikuwai. Alongside this, we are investigating the use of an alternative route currently being proposed by a local contractor, but with the encouragement of local farmers, the forestry industry and the local community. Messages will be prepared on this once more detail has been sourced. While we see the potential for this route to assist the haulage of logs and provide a resilience option in this area, we need to assess the geotechnical issue. The work is currently underway to understand these risks.

Assessments are ongoing to open temporary access through the Mangahauini Gorge. The greatest challenge is the temporary dam that formed in the river and raised sufficient concern with Gisborne District Council to evacuate the Tokomaru Bay township. This has the potential to impact on the safety of workers and road users once the temporary route is completed. Resolving this is a high priority.

We are commencing work in the wash outs on the highway to the north of this site and unaffected by the temporary dam.

Proactively Released

Hawke's Bay/Tairāwhiti State Highways Update

27 February 2023

Hawke's Bay

The favourable weather on Sunday has allowed crews to recommence work on State Highway 5 after the evacuation order for Esk Valley was lifted.

However, with more rain predicted for today and tomorrow, the weather remains a key challenge.

The photos show clearing works on SH5 and one of the many dropouts that have occurred on the corridor.





Tairāwhiti

Crews have been on the ground working hard to connect our communities. As of yesterday morning, SH2 between Ōpōtiki all the way through to Gisborne was reopened 24/7 to all road users. The road remains under temporary speed management in places with crews controlling those lower speeds. We are monitoring the road and the situation with the forecast heavy rain. Should further damage occur, sections of the road can be closed again at short-notice.

The photos show clearing works on SH2 north, near Otoko.



Proactively Released

Hawke's Bay/Tairāwhiti State Highways Update

28 February 2023

Hawke's Bay

The stretch of SH5 between Te Pōhue and Glengarry unfortunately suffered extensive damage overnight following more heavy rainfall in the area. The slip caused by Cyclone Gabrielle has moved further overnight, making that drop out larger.

Our contractors have been on site since early this morning and have been working to assess the slip and the roading condition around the slip. They have also started constructing a lane around the underslip site under direction from geotechnical engineers to provide access.

The photos below show the slip at Te Pōhue on 19 February and then the same slip this morning.



Tairāwhiti

With heavy rain hitting the region overnight, crews are monitoring river levels and areas of concern on the network while continuing efforts to clear silt and debris and inspect structures. As of yesterday, 79 out of 121 structures have been assessed in Tairāwhiti and inspections are ongoing.

SH35 between Tikitiki to Te Puia Springs is expected to be opened to one lane by lunchtime today. Where roads have been opened 24/7 post Cyclone Gabrielle, there have been multiple short term closures due to wet weather and surface flooding. For example, both Gisborne and Wairoa were cut off in all directions this morning.