

## Waka Kotahi Regional Emergency Response Team SITUATION REPORT

Incident:	Tairawhiti & Hawkes Bay Weather Event	Sit rep #	3
Date:	24/06/2023	Time:	16:30hrs
Period covering:	10:00hrs 24/06/2023 – 16:30hrs 24/06/2023		

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### PART 1: SUMMARY

#### INSIGHTS

#### Current Situation

A red weather rain warning has been issued for Tairawhiti/Gisborne 51 hrs from 9am Fri, 23 Jun - noon Sun, 25 Jun

Forecast:

A prolonged period of rain, heavy at times, especially from this evening through to Sunday morning. Expect 200 to 250 mm of rain to accumulate about and north of Tolaga Bay, 100 to 150 mm of rain about the ranges farther south, and 50 to 100 mm of rain about coastal areas south of Tolaga Bay. These amounts are in addition to the rain that has already fallen. Thunderstorms possible today. Peak rates of 15 to 25 mm/h from this evening.

A red orange rain warning has been issued for The Ruahine Range, Kaweka Forest Park, and Hawke's Bay from State Highway 5 southwards

Forecast:

Expect 200 to 250 mm of rain to accumulate about the Ruahine Range and Kaweka Forest Park, 100 to 140 mm of rain about the remaining ranges including the coastal hills of Central Hawke's Bay, and lesser amounts elsewhere. These amounts are in addition to the rain that has already fallen. Peak rates of 10 to 20 mm/h.

This resulted in multiple state highway closures overnight due to flooding and slips


Current closures as of 16:30 am 24/06/2023

Road	Reason	Comments
SH50 at Waipawa River Bridge	Bridge embankment washout	Detour via SH2 Waipawa
SH2 Gisborne to Matawai	Slips/Dropouts	Unlikely to open today
SH35 Okitu to Tokomaru Bay	Slips/Dropouts	Will remain closed today

SH2 Gisborne to Matawai did have convoys occur yesterday these will not be possible today due to the further damage that has occurred overnight.

SH2 Gisborne to Matawai convoys are unlikely to be possible tomorrow but may resume Monday afternoon this is dependent on weather and further slip movement.

SH5 Napier to Taupo will close overnight from 17:00 hrs until 08:00 due to the road degrading significantly, over slips and erosion is occurring in some sections. Crews will work overnight to have to road back open in the morning.

<p><b>Bridge update</b></p>	<p>The only bridge impacted at this stage is SH50 Waipawa River Bridge due to the embankment being washed out. We are unaware of the impact on local road bridges at this stage.</p> <p>It is unknown at this stage if the bridge structure itself has suffered any damage due to the water levels, but some movement has been seen.</p> <p>A risk has been raised around the availability of Bailey bridge stock if further bridges are required after this event.</p>
<p><b>FORESIGHTS</b></p>	
<p><b>Foresights</b></p>	<p>The network remains vulnerable further short notice closures are likely if adverse weather continues.</p> <p>Metservice have advised of further adverse weather occurring next week that could impact the network.</p>
<p><b>Photos</b></p>	<p>SH2 Gisborne to Matawai</p> 

SH50 at Waipawa River Bridge



All work (and projected timeframes) is subject to variables such as ongoing weather impacts and the information of the day. Please be aware that the information is subject to change as response and recovery evolves. It is also important to note that completion of a Bailey Bridge may not result in the road re-opening due to other damaged sites.

## PART 2: ADMINISTRATION

Prepared by:	Intelligence Team
Approved by:	RERT Controller
Next Sit Rep:	TBC
Enquiries and information collection:	Please send through any information or queries to <a href="mailto:NertIntel@nzta.govt.nz">NertIntel@nzta.govt.nz</a>
Handling Instructions	This SitRep has been prepared by Waka Kotahi to inform decision-making and situational awareness related to the land transport environment. Please do not further disseminate this document without first consulting <a href="mailto:nertintel@nzta.govt.nz">nertintel@nzta.govt.nz</a>



## Waka Kotahi Regional Emergency Response Team SITUATION REPORT

Incident:	Tairawhiti & Hawkes Bay Weather Event	Sit rep #	4
Date:	25/06/2023	Time:	09:30hrs
Period covering:	16:30hrs 24/06/2023 – 09:30hrs 25/06/2023		

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### PART 1: SUMMARY

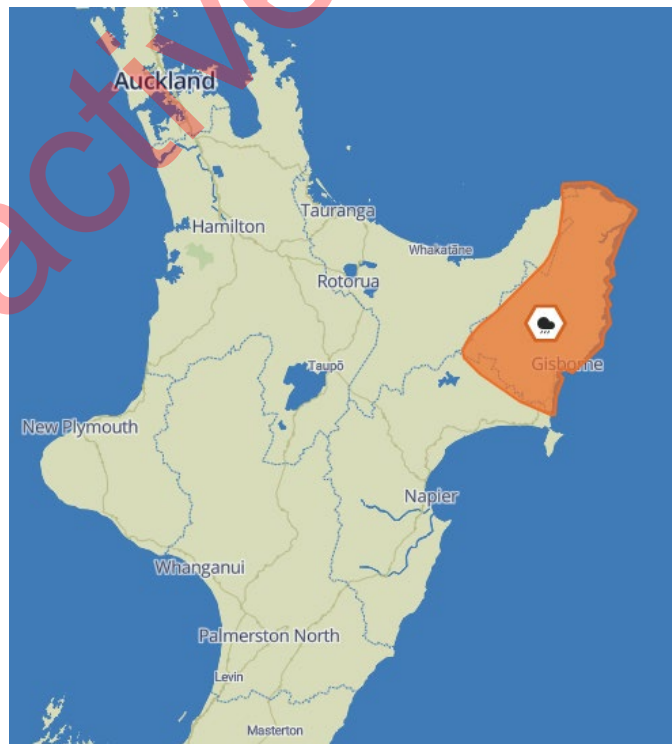
#### INSIGHTS

An Orange Heavy Rain Warning is in place for the Tairawhiti/Gisborne area for 10hrs from 8am to 6pm Sunday 25 June.

Forecast: Expect a further 25 to 40 mm of rain, mainly from Tolaga Bay northwards. This is in addition to significant amounts of rain that have already accumulated during this event. Peak intensities of 5 to 10 mm/h. Note that while these expected rainfall accumulations do not meet official short term warning criteria an Orange Warning is being maintained since significant impacts such as slips, damage to roads, falling trees and damage to infrastructure such as powerlines could still occur.

Impact: Heavy rain may cause streams and rivers to rise rapidly. Surface flooding and slips are also possible and driving conditions may be hazardous.

#### Current Situation



	Current closures as of 09:30 am 25/06/2023														
	<table><tr><th>Road</th><th>Reason</th><th>Comments</th></tr><tr><td>SH50 at Waipawa River Bridge</td><td>Bridge embankment washout</td><td>Detour via SH2 Waipawa</td></tr><tr><td>SH2 Gisborne to Matawai</td><td>Slips/Dropouts</td><td>Unlikely to open today</td></tr><tr><td>SH 25 Between Te Puru and Ruamahunga</td><td>Slips/Dropouts</td><td>Possibly open today. To be confirmed</td></tr></table>	Road	Reason	Comments	SH50 at Waipawa River Bridge	Bridge embankment washout	Detour via SH2 Waipawa	SH2 Gisborne to Matawai	Slips/Dropouts	Unlikely to open today	SH 25 Between Te Puru and Ruamahunga	Slips/Dropouts	Possibly open today. To be confirmed		
Road	Reason	Comments													
SH50 at Waipawa River Bridge	Bridge embankment washout	Detour via SH2 Waipawa													
SH2 Gisborne to Matawai	Slips/Dropouts	Unlikely to open today													
SH 25 Between Te Puru and Ruamahunga	Slips/Dropouts	Possibly open today. To be confirmed													
	<p>SH2 Gisborne to Matawai. The highway dropped 500mm overnight with further lateral movement and land movement above the highway. Geotech engineers will be on site today.</p> <p>SH5 Napier to Taupo re-opened as planned. Work will continue today on localised repairs. There are no further overnight closures planned.</p> <p>SH35 is now open full length.</p> <p>Drone footage has shown some debris that could move and cause a blockage at the Maungahauini slip site. An expert panel including Waka Kotahi geotech engineers is being convened to consider the risk profile and any actions necessary.</p> <p>Two large slips have occurred approximately 15km north of Thames on SH25, plus a number of smaller slips. Geotech engineers are on the way to site to assess. We are aware that less than 5 members of the public are stuck between the two large slips. We have made contact with all stranded members of the public and confirmed they are all fine. They are currently waiting at the local boat ramp and will wait there until a lane is free to travel through.</p>														
Bridge update	<p>The only bridge impacted at this stage is SH50 Waipawa River Bridge due to the embankment being washed out. We are unaware of the impact on local road bridges at this stage.</p> <p>It is unknown at this stage if the bridge structure itself has suffered any damage due to the water levels, but some movement has been seen.</p> <p>A risk has been raised around the availability of Bailey bridge stock if further bridges are required after this event.</p>														
FORESIGHTS															
Foresights	<p>The network remains vulnerable further short notice closures are likely if adverse weather continues.</p> <p>Metservice have advised of further adverse weather occurring next week with another front expected Tuesday. This could impact the network.</p>														
Photos															

SH2 Gisborne to Matawai

24 June 2023



25 June 2023



SH50 at Waipawa River Bridge



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**PART 2: ADMINISTRATION**

Prepared by:	Intelligence Team
Approved by:	RERT Controller
Next Sit Rep:	TBC
Enquiries and information collection:	Please send through any information or queries to <a href="mailto:NertIntel@nzta.govt.nz">NertIntel@nzta.govt.nz</a>
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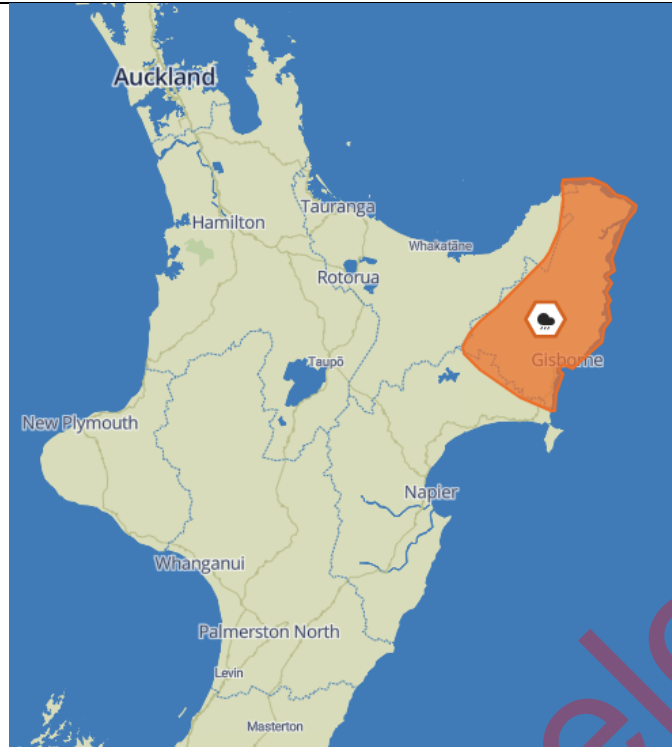
## Waka Kotahi Regional Emergency Response Team SITUATION REPORT

Incident:	Tairawhiti & Hawkes Bay Weather Event	Sit rep #	5
Date:	25/06/2023	Time:	16:30hrs
Period covering:	09:30hrs 25/06/2023 – 16:30hrs 25/06/2023		

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PART 1: SUMMARY	
INSIGHTS	
<b>Current Situation</b>	<p>The Local State of Emergency for Tairāwhiti has now been lifted.</p> <p>An Orange Heavy Rain Warning is in place for the Tairawhiti/Gisborne area for 10hrs from 8am to 6pm Sunday 25 June.</p> <p>Forecast: Expect a further 25 to 40 mm of rain, mainly from Tolaga Bay northwards. This is in addition to significant amounts of rain that have already accumulated during this event. Peak intensities of 5 to 10 mm/h. Note that while these expected rainfall accumulations do not meet official short term warning criteria an Orange Warning is being maintained since significant impacts such as slips, damage to roads, falling trees and damage to infrastructure such as powerlines could still occur.</p> <p>Impact: Heavy rain may cause streams and rivers to rise rapidly. Surface flooding and slips are also possible and driving conditions may be hazardous.</p>





Current closures as of 16:30 am 25/06/2023

Road	Reason	Comments
SH50 at Waipawa River Bridge	Bridge embankment washout	Detour via SH2 Waipawa
SH2 Gisborne to Matawai	Slips/Dropouts	Likely to remain closed until the end of next week.
SH 25 Between Te Puru and Ruamahunga	Slips/Dropouts	Will remain closed today.

SH35 will close again this evening and reopen at 08:00hrs for safety reasons these night closures will be reassessed on Monday.







SH2 Gisborne to Matawai will remain closed for the remainder of next week, slip movement is still occurring and dewatering of the site needs to occur to allow stabilisation. Once open this will be under convoy operations.

Due to the current closures and restrictions on alternative routes there is NO HPMV access to Gisborne until further notice. 50MAX access is permitted.

SH35 is now open full length.

Drone footage has shown some debris that could move and cause a blockage at the Maungahauini slip site. An expert panel including Waka Kotahi geotech engineers is being convened to consider the risk profile and any actions necessary.

Two large slips have occurred approximately 15km north of Thames on SH25, plus a number of smaller slips. Geotech engineers are on the way to site to assess. We are aware that less than 5 members of the public are stuck between the two large slips. We have made contact with all stranded members of the public and confirmed they are all fine. They are currently waiting at the local boat ramp and will wait there until a lane is free to travel through.

<p><b>Bridge update</b></p>	<p>The only bridge impacted at this stage is SH50 Waipawa River Bridge due to the embankment being washed out. We are unaware of the impact on local road bridges at this stage.</p> <p>It is unknown at this stage if the bridge structure itself has suffered any damage due to the water levels, but some movement has been seen.</p> <p>A risk has been raised around the availability of Bailey bridge stock if further bridges are required after this event.</p>								
<p><b>FORESIGHTS</b></p>									
<p><b>Foresights</b></p>	<p>The network remains vulnerable further short notice closures are likely if adverse weather continues.</p> <p>Metservice have advised of further adverse weather occurring next week with another front expected Tuesday. This could impact the network.</p> <p>The Metservice outlook has been adjusted and although further rain is expected it isn't as much as initially expected. Further briefings will be held next week.</p>								
<p><b>Photos</b></p>	<table border="1"> <tr> <td colspan="2" data-bbox="422 831 1525 887">SH2 Gisborne to Matawai</td></tr> <tr> <td data-bbox="422 887 981 954">24 June 2023</td><td data-bbox="981 887 1525 954">25 June 2023</td></tr> <tr> <td data-bbox="422 954 981 1637">  </td><td data-bbox="981 954 1525 1637">  </td></tr> <tr> <td colspan="2" data-bbox="422 1637 1525 1738">SH25</td></tr> </table>	SH2 Gisborne to Matawai		24 June 2023	25 June 2023			SH25	
SH2 Gisborne to Matawai									
24 June 2023	25 June 2023								
									
SH25									



SH50 at Waipawa River Bridge



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**PART 2: ADMINISTRATION**

Prepared by:	Intelligence Team
Approved by:	RERT Controller
Next Sit Rep:	TBC
Enquiries and information collection:	Please send through any information or queries to NertIntel@nzta.govt.nz
Handling Instructions	This SitRep has been prepared by Waka Kotahi to inform decision-making and situational awareness related to the land transport environment. Please do not further disseminate this document without first consulting nertintel@nzta.govt.nz

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# Waka Kotahi Regional Emergency Response Team SITUATION REPORT

Incident:	Tairawhiti & Hawkes Bay Weather Event	Sit rep #	6
Date:	26/06/2023	Time:	10:30hrs
Period covering:	16:30hrs 25/06/2023 – 10:30hrs 26/06/2023		

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	A risk has been raised around the availability of Bailey bridge stock if further bridges are required after this event.	
	<b>FORESIGHTS</b>	
<b>Foresights</b>	<p>The network remains vulnerable further short notice closures are likely if adverse weather continues.</p> <p>Metservice have advised of further adverse weather occurring next week with another front expected Tuesday. This could impact the network.</p> <p>The Metservice outlook has been adjusted and although further rain is expected it isn't as much as initially expected. Further briefings will be held next week.</p>	
<b>Photos</b>	SH2 Gisborne to Matawai	
	24 June 2023	25 June 2023
		

SH25



SH50 at Waipawa River Bridge







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**PART 2: ADMINISTRATION**

Prepared by:	Intelligence Team
Approved by:	RERT Controller
Next Sit Rep:	TBC
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# Waka Kotahi Regional Emergency Response Team SITUATION REPORT

Incident:	Tairawhiti & Hawkes Bay Weather Event	Sit rep #	8
Date:	27/06/2023	Time:	10:15hrs
Period covering:	16:30hrs 26/06/2023 – 10.30hrs 27/06/2023		

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## PART 1: SUMMARY

### INSIGHTS

#### Current Situation

There are currently no rain watches or warnings in place for Tairawhiti/Gisborne or Hawke's Bay areas.

The Local State of Emergency for Tairāwhiti has been lifted.

Current closures as of 10:15 am 27/06/2023



Road	Reason	Comments
SH50 at Waipawa River Bridge	Bridge embankment washout	Detour via SH2 Waipawa
SH2 Gisborne to Matawai	Slips/Dropouts	Will remain closed until the end of the week. Decision on whether it can open next week will be made in the next couple of days depending on progress crews can make on the ground and any further rain.
SH 25 Between Te Puru and Ruamahunga	Slips/Dropouts	Closed, may open this afternoon depending on progress of slip clearance.

Heavy machinery is onsite at SH50, Waipawa River Bridge to begin diverting the river before repair works can begin. It is expected to take 4-5 days to divert the river.

SH2 Gisborne to Matawai will remain closed for the remainder of the week, slip movement is still occurring and dewatering of the site needs to occur to allow stabilisation. Once open this will be under convoy operations. A decision of reopening next week will be made in the next couple of days depending on progress crews can make on the ground and any further rain. Gisborne District Council is looking to open detours on neighbouring local roads, this is outside our control and management.

Due to the current closures and restrictions on alternative routes there is NO HPMV access to Gisborne until further notice. 50MAX access is permitted.

SH25 is closed following a slip yesterday. Depending on progress of slip clearance it may open this afternoon.

	<p>SH35 was open this morning and will remain open all day. Three crews are on site to ensure it stays open. The road will be closed each night until further notice for safety reasons.</p> <p>A slip overnight that closed a stretch of SH2 between Nuhaka and Mōrere was quickly cleared this morning and the road is open. Stop/Go is in place.</p>	
Bridge update	<p>Heavy machinery is onsite at SH50, Waipawa River Bridge to begin diverting the river ahead of work to restore the washed out abutment. It is expected to take 4-5 days to divert the river. This work is happening while the designs for the new abutment are being finalised.</p> <p>Engineers have been at the bridge and have assessed the bridge structure as structurally sound. The bridge structure was built in 1980.</p> <p>Completion of the design work will give a better indication of the timeframe for a replacement abutment,</p>	
FORESIGHTS		
Foresights	<p>The network remains vulnerable further short notice closures are likely if adverse weather continues.</p> <p>MetService website is showing no weather warnings for either area but rain is forecast throughout the week.</p>	
Photos	SH2 Gisborne to Matawai	
	24 June 2023	25 June 2023
		



SH25



SH50 at Waipawa River Bridge







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**PART 2: ADMINISTRATION**

Prepared by:	Communications and Engagement
Approved by:	RERT Controller
Next Sit Rep:	TBC
Enquiries and information collection:	Please send through any information or queries to <a href="mailto:NertIntel@nzta.govt.nz">NertIntel@nzta.govt.nz</a>
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# Waka Kotahi Regional Emergency Response Team SITUATION REPORT

Incident:	Tairāwhiti & Hawkes Bay Weather Event	Sit rep #	9
Date:	29/06/2023	Time:	13:00hrs
Period covering:	10.30hrs 27/06/2023 – 13.00hrs 29/06/2023		

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## PART 1: SUMMARY

### INSIGHTS

There are currently no rain watches or warnings in place for Tairāwhiti/Gisborne or Hawke's Bay areas.

The Local State of Emergency for Tairāwhiti has been lifted.

Current closures as of 13:00 am 29/06/2023

#### Current Situation

Road	Reason	Comments
SH50 at Waipawa River Bridge	Bridge embankment washout	Detour via SH2 Waipawa
SH2 Gisborne to Matawai	Slips/Dropouts	<p>Crews remain onsite working to clear the Otoko slip and ready the road for reopening.</p> <p>SH2 will open on Tuesday 4 July at 8am with piloted stop/go in place through the Otoko slip/dropout area.</p> <p>The piloted stop/go will be for roughly 1km through the slip/dropout area.</p> <p>On either side of the piloted stop/go SH2 will be back to two-lane traffic.</p>
SH 25 Between Te Puru and Ruamahunga	Slips/Dropouts	Currently closed, with crews on the ground working to open this afternoon. Will close again tonight for safety given pattern of ongoing rockfall overnight. Traffic control is in place.

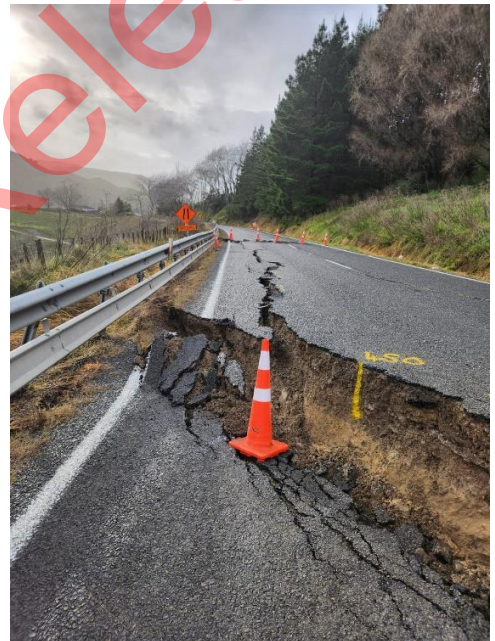
	<p>Heavy machinery is onsite at SH50, Waipawa River Bridge to divert the river before repair work can begin. It was expected to take 4-5 days to divert the river but given the area is so wet it may take longer. See more detail below.</p> <p>Crews remain onsite working on the Otoko slip/dropout. SH2 will open on Tuesday 4 July at 8am with piloted stop/go in place through the Otoko slip/dropout area. The piloted stop/go will be for roughly 1km through the slip/dropout area. On either side of the piloted stop/go SH2 will be back to two-lane traffic.</p> <p>Due to the current closures and restrictions on alternative routes there is NO HPMV access to Gisborne until further notice. 50MAX access is permitted.</p> <p>SH25 is currently closed, with crews on the ground working to open this afternoon. Will close again tonight for safety given pattern of ongoing rockfall overnight. Traffic control is in place.</p> <p>SH35 was open this morning at 7am and will now remain open 24/7, unless conditions change.</p> <p>There has been slumping on SH2 Mōrere. Crews are on the ground grading the road to keep it open and we are sourcing a mill so realignment can happen.</p> <p>Potholes are an ongoing issue across both Tairāwhiti &amp; Hawkes Bay. Seven crews are working on SH5 and SH2 north of Napier to address potholes. Public messaging about potholes will be included in next Traffic Bulletin.</p>	
Bridge update	<p>Heavy machinery is onsite at SH50, Waipawa River Bridge to divert the river ahead of work to restore the washed out abutment. It was expected to take 4-5 days to divert the river but given the area is so wet it may take longer. The river divergence work is happening while the designs for the new abutment are being finalised.</p> <p>Engineers have been at the bridge and have assessed the bridge structure as structurally sound. The bridge structure was built in 1980.</p> <p>Completion of the design work will give a better indication of the timeframe for a replacement abutment.</p>	
FORESIGHTS		
Foresights	<p>The network remains vulnerable further short notice closures are likely if adverse weather continues.</p>	
Photos	SH2 Gisborne to Matawai	
	Otoko - 28 June 2023	Otoko - 29 June 2023





24 June 2023

25 June 2023



SH25

Ruamahunga slip - 29 June 2023



SH50

Waipawa River Bridge



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Next Sit Rep:	TBC
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