

OCTOBER 2022 UPDATE



WHAT WE DO:

QRA is charged with managing and coordinating the Government's program of recovery and reconstruction works within disaster-affected communities, with a focus on working with our state and local government partners to deliver best practice administration of public reconstruction and resilience funds. QRA is also the state's lead agency responsible for disaster recovery and resilience policy, working collaboratively with agencies and stakeholders to improve risk reduction and disaster preparedness.

OUR VISION: Stronger, safer, resilient Queensland communities.

OUR PURPOSE:

Coordinate action to improve the resilience of Queensland communities and facilitate locally-led disaster recovery.

DISASTER ASSISTANCE

In October

October was all about Getting Ready with Queenslanders urged to prepare their families and property for possible natural disasters through the annual Get Ready Queensland Week and launch of the statewide community awareness advertising campaign ahead of the upcoming disaster season.

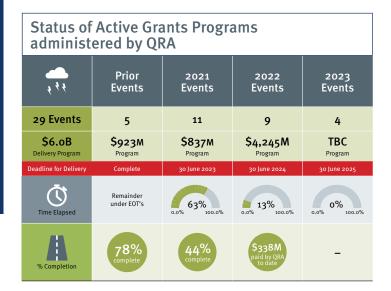
In the grants management space, QRA continued to progress approval of funding submissions for reconstruction works and immediate recovery works that followed the 2022 disaster events, and to close-out recovery and reconstruction that have been physically completed in recent months.

QRA also checked in on the pace of recovery from this year's Southern Queensland flooding events, visiting nearly 5300 properties across 16 local government areas in October to check on residents and assess the status of repair works.

Progress was also maintained in the Voluntary Home Buy Back Program, with 55 buyback offers accepted and 19 contracts executed by homeowners to date.

Disaster Assistance and Resilience Grants Program

Commonwealth Disaster Recovery Funding Arrangements (DRFA) worth in excess of \$6 billion Works for 29 events from the 2019-20 to 2022-23 disaster seasons are currently in delivery or acquittal. This takes into account works being completed under EOT from prior events and the four events that have occurred in the 2022-23 season to date, for which cost estimates are yet to be compiled.



Resilience and Recovery

The Resilience and Recovery team provides leadership, coordination, direction and advice for the development and implementation of disaster resilience and recovery planning, policy, funding, and support.

To deliver on this commitment, roles and responsibilities are dispersed between and across levels of government and with key stakeholders.

Working extensively on natural disaster preparedness and recovery planning with stakeholders and communities impacted by major disaster events, increasing capability and awareness through active participation and providing support for local recovery governance.

Disaster Recovery Funding Arrangements Activations

2022–23 disaster season

Once again, Queensland has been impacted by consistent and intense weather systems, bringing heavy rainfall, severe storms, and winds to many local government areas in the south and interior of the state. The activation of the Southern Queensland Severe Weather event, October 2022, brings the total number of Disaster Recovery Funding activations to 4 for the 2022—23 season.

The overall total of events activated since QRA's establishment in 2011, has increased to 101.

QRA anticipate further predicted rain and unsettled conditions due to the influencing climatic drivers across the nation will continue to cause catchments to become highly reactive, even with lower rainfall totals and therefore increasing the chance of more flooding for the state.

Southern Queensland Severe Weather, October 2022.

Numerous troughs and unsettled conditions led to the development of severe weather warnings for intense and large thunderstorms producing significant wet conditions over the southern and southwest of Queensland, between 19 and 27 October.

These severe thunderstorms led to intense bursts of rain totalling more than 100 millimetres in 24 hours for 10 Local Government areas across the state. Areas in Lockyer Valley and Barcoo experienced falls of between 40 – 70 millimetres in 24 hours. Numerous catchments were very responsive to increased rain that fell from previous wet weather at the beginning of October.

The event caused significant impacts to local and state roads, resulting in road closures and in some cases, shortterm isolation to areas across numerous impacted LGAs.

	2022–23 (August 2022)
Events to date	4
LGAs activated	9
LGAs activated (multiple events)	0

Noting the predictions for the 2022—23 season, QRA is currently working on pre-season preparedness and organising Activations training for the wider Recovery team ahead of the traditional 2022-23 disaster season.

Engagement with Local Governments, other stakeholders, and the community

Members from Recovery and Get Ready Queensland attended the Get Ready Queensland Week (10-16 October 2022) launch at Nundah State School in Brisbane and Depot Hill State School in Rockhampton. The team contributed by spreading the message to the community, around *"knowing your risk, making an emergency plan and packing an emergency kit"*. Get Ready Queensland is a year-round, all hazards, resilience building initiative to help communities prepare for natural disasters.

Recovery and National Emergency Management Agency (NEMA) Engagement Branch (Qld) are holding a combined workshop that focuses on Queensland recovery governance, operations, and activations, as well as roles and responsibilities of each Agency. It is intended to increase cohesion between agencies and enable future crossengagement strategies with mutual stakeholders.

Recovery staff recently attended the Moreton Bay Regional Council exercise, **'Duo Cladis'**, which aimed to reduce the risk of bushfire and isolation of Bribie Island. Other exercise participants included representatives from the DDMG, various state agencies and NGOs and a number of key council staff.

QRA is attending the annual Redland City Council exercise, **'Exercise Miberran'**, which intends to scenario the impacts of a severe tropical cyclone (focusing on the impacts from cyclonic winds and storm surge) across the Redland City Council. The exercise is being undertaken as part of the Severe Wind Hazard Assessment for South-East Queensland (SWHA (SEQ)) project, which is designed as a nominally twoyear collaboration between stakeholders led by Queensland Fire and Emergency Services (QFES), and seeks to gain an improved understanding of the risks associated with the severe wind environment in six local government areas (LGAs) in South-East Queensland, including Redland City.

More generally, QRA's Resilience and Recovery team has been undertaking pre-season preparedness with local governments around disaster management preparedness and recovery, as well as identifying future requirements for support. Recent Local government engagement has involved meetings with Townsville City Council, and future meetings are proposed with Redlands City Council, Sunshine Coast Council, Mount Isa City Council, Cloncurry Shire Council, McKinlay Shire Council, Richmond Shire Council, Rockhampton City Council, and Livingstone Shire Council. Follow-up damage assessments provide snapshot of South

QRA

East Queensland flood recovery

Throughout October, QRA in partnership with QFES, NEMA and Disaster Relief Australia (DRA), conducted follow up assessments on properties damaged following the severe flooding in South-East Queensland in early 2022.

Nearly 5300 properties were visited across 16 local government areas over three weeks in October to check in on residents that were impacted in the Southern Queensland rainfall events of February/March. Staff collected data on property damage sustained as well as recovery progress, and when required referred members of the community to support services to ensure their safety and wellbeing.

The Australian Red Cross also supported the operation in the Ipswich and Brisbane Local government areas, providing valuable human and social support to residents on the ground as part of the engagements undertaken with residents and business-owners during the damage assessment process.











Images above: Follow up DARM assessments from South-East Queensland flooding in early 2022.

<u>Update on Disaster Recovery Funding Assistance</u> (DRFA)

QRA is continuing to work with state and Commonwealth partners on the roll out of exceptional circumstances packages, jointly funded by the Australian and Queensland governments, to support Queensland communities in their recovery from significant weather events during the 2021—22 disaster season.

The QRA secured more than \$2 billion in extraordinary assistance packages under the DRFA, to provide support to communities in need following the Central, Southern and Western Queensland Rainfall and Flooding, Ex TC Seth, SEQ Rainfall and Flooding and Southern Queensland Flooding (6 May 2022 – 20 May 2022).

This includes:

- \$741 million Resilient Homes Fund will help bolster the resilience of homes affected by flooding this disaster season, through retrofitting, house raising or the voluntary buy-back of homes at high risk of loss of life from future floods.
- \$177.7 million for human and social initiatives including psychosocial-mental health services and emotional wellbeing support, short to medium term flexible housing and accommodation solutions and rental support and security initiatives
- \$200 million for economic recovery including loans for medium to large businesses, funding for Industry Recovery Officers, grants for rural landholders and support for small businesses and tourism operators
- \$86.9 million for environmental recovery including flood risk management, riparian recovery, weed and pest management, biodiversity conservation and restoration of environmental assets
- \$180 million to rebuild and recover and improve the resilience of community, recreational and sporting assets.
- \$150 million Betterment Fund to increase the resilience of essential public infrastructure
- twenty-four affected councils received \$1 million grants to assist with urgent recovery and clean-up works.

Some recently released or operationalised assistance measures include:

- the Flexible Funding Grants open to Local governments, Non-government organisations and Community Groups which is administered by the Department of Communities, Housing and Digital Economy (DCHDE)
- The Rural Landholder Recovery Grant which is available through QRIDA
- the continued roll out of the Mental Health support package being implemented by QLD Health throughout disaster affected regions.





RESILIENT HOMES FUND

Registrations of Interest still open

More than 5387 homeowners from eligble local governments area whose property was inundated have registered their interest in the Resilient Homes Fund. This includes 641 people registering their interest in the Voluntary Home Buy-Back program, 1519 in the house-raising and 2199 in the retrofit, with 1028 people unsure which option is best suited to their individual needs.

Voluntary Home Buy-Back Program

At 31 October 2022, 339 properties have been identified for voluntary home buy back. Valuations have commenced in Brisbane, Ipswich, Logan, Sunshine Coast, Fraser Coast, Gympie Regional, Moreton Bay and Lockyer Valley local government areas. There have been 171 valuation inspections undertaken, 90 offers presented, 55 offers accepted and 19 contracts executed by the homeowner.

In response to community questions about the Resilient Homes Fund, a series of community information sessions have been organised to answer questions, provide updates on home assessment status and offer information relating to community support assistance programs available. During October, sessions held in Yeronga, Red Hill and Oxley were attended by over 350 residents. During November and December community information sessions are confirmed for Fitzgibbon, Gympie and Goodna, and a second session for Yeronga. Additional sessions are being planned, including for Logan and Gold Coast.

Identification for VHBB is based on a severity of impact from the 2022 flood event plus overall flood risk, and is still underway. It is anticipated that allocation for the full program will be confirmed, and homeowners who have been selected notified before Christmas.

Expression of Interest - Property Level Flood Information Portal

The QRA has recently released an Expression of Interest to the market for Property Level Flood Information Portal ("the Portal"). The Portal has the principal aim of assisting residents to understand, be more informed and better prepared for future flooding events by giving them access to flood risk information specific to their property.

Delivery of the Portal will enable any member of the public in an eligible local government area to enter their address into a locally hosted platform and obtain key information about flooding at their property. Where data is limited, the system will still be implemented using existing datasets and allow for updates as new data becomes available.

The project is funded under the \$741 million Resilient Homes Fund to support resilience measures in Queensland homes impacted by the following events across 39 activated Councils.

Flood studies, risk assessment and management strategies and intelligence systems (WP3)

Applications are open for the 39 Councils activated for DRFA funding from the 2021-22 events for the \$20 million Flood studies, risk assessment and management strategies and intelligence systems (WP3) work package. WP3 is part of the \$28 million Flood Risk Management Program (FRMP) - a component of the DRFA Category D Exceptional circumstances funding package. Completed applications are to be submitted via email to submissions@qra.qld.gov.au by 18 November 2022.



Further details: <u>Resilient Homes Fund Eligibility and funding</u> <u>factsheet</u>.

Resilience

QRA is responsible for coordinating the development and implementation of whole-of-government policies for managing flood risks and improving the resilience of communities and facilitating mitigation against potential disasters.

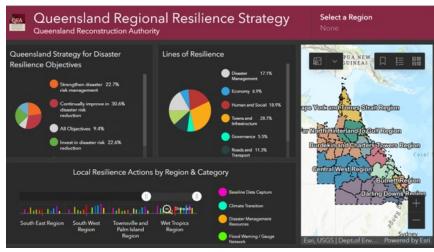
As the most disaster-prone state in Australia and with on-going disaster impacts across the state, QRA is continually considering new ways to improve the safety and resilience of Queensland communities. This includes building trusted, reciprocal and robust relationships with community leaders, thought-leaders, and local, state, Commonwealth and international partners, and participating in a wide range of activities to inform our policies.

Building resilient communities

Following the release of the Queensland Strategy for Disaster Resilience 2022—27 (QSDR) on 20 September 2022 and the completion of the state's 14 Regional Resilience Strategies earlier this year, QRA will continue to engage with delivery partners across the state to ensure the successful implementation of the 4 objectives, 19 strategic commitments and 52 actions outlined in the strategy.

An interactive map has been developed to explore Queensland's resilience strategies and to explore the key resilience needs and trends across Queensland.





Collaboration for resilience

In October 2022, QRA held the second Queensland Resilience Coordination Committee (QRCC) meeting for the year to focus on key resilience building strategies and projects across Queensland. The QRCC provides strategic leadership and support for the implementation of the Queensland Strategy for Disaster Resilience and Queensland Flood Risk Management Framework – with a shared purpose to build resilience to future disasters and collectively strengthen the management of flood risk.

Given Queensland's extensive history in responding to and rebuilding from almost 100 natural disasters in the past decade, QRA was also provided the opportunity to share some of our knowledge and experience with New South Wales colleagues this month.

QRA met with the Northern Rivers Reconstruction Corporation and MPs from the Northern Rivers to give a complete overview of how QRA was established and evolved to now lead recovery and resilience activities in Queensland.

A broad range of reconstruction, recovery and resilience discussions were had, covering Queensland Disaster Management Arrangements, the important role of local governments, and our Functional Recovery Groups, among other things. Resilience building was one of the key topics, and QRA was able to present on a board range of initiatives including Queensland's Betterment programs, Flood Warning Infrastructure Network, Get Ready Queensland, the Repeat Event and Dollars Index, and Damage Assessment and Reconstruction Monitoring system.

QRA is dedicated to learning from every disaster and welcomed the opportunity to share this with our New South Wales counterparts as they continue on their road to recovery from some of our nation's most significant flooding events.

Research and Disaster Resilience

QRA is building links to the research sector for the benefit of Queensland Communities through a number of avenues. These includes participating in research related events and collaborating with organisations such as Natural Hazards Research Australia (NHRA), Australian Institute for Disaster Resilience (AIDR), Commonwealth Scientific and Industrial Research Organisation (CSIRO) and Geosciences Australia.



Natural Hazards Research Australia Research Forum and Disaster Challenge

On 12 to 14 October 2022, members of QRA's Resilience and Get Ready Queensland teams attended Natural Hazards Research Australia's (NHRA) first annual Research Forum. The forum coincided with the United Nations' International Day for Disaster Risk Reduction on 13 October, as well as Queensland's Get Ready Week.

The Forum provided an opportunity to officially launch and introduce NHRA and its research programs. Forum Sessions focused on how research can improve outcomes across disaster risk reduction and resilience, learnings from recent disasters (including the 2022 eastern Australia floods and Black Summer), evidence-informed policy and strategy, community resilience, healthy landscapes, situational awareness, operational response and innovation and workforces of the future.

Former QRA CEO, Brendan Moon presented on communityled recovery, which focused on the diversity of Australian communities, and emphasised that a one-size-fits-all approach is inadequate to fully effect change in disaster management. Kate Retzki, QRA's Manager for the Get Ready Queensland program, also presented focusing on Get Ready Queensland.

The highlight of the forum was the Disaster Challenge Final. This was a national challenge addressing the problem: How can disaster preparation engage with the unengaged, the moving or the hard to reach?

QRA was involved in developing the challenge question and evaluating and shortlisting the range of interesting submissions. Additionally, QRA team members mentored one of the finalists' teams and participated on the judging panel.

Dr Kamarah Pooley and Mark Owens were behind the winning concept, which was an innovative idea to use Wi-Fi captive portals to provide tourists with localised disaster preparedness information while on holiday to stay safe from floods, bushfires, cyclones and other natural hazards. Congratulations Kamarah and Mark!

Coastal and Estuarine Risk Mitigation Program

NEMA recently announced that 10 Queensland projects have been successful in securing over \$11 million in funding under the Coastal and Estuarine Risk Mitigation Program. The \$50 million Australian Government funding program aims to reduce the impacts of natural disasters and coastal hazards, such as storm surges and coastal inundation, on local communities. Some of the projects include the Clifton Beach Coastal Protection Works project, which aims to stabilise over 800 metres of coastline to mitigate long-term coastal retreat and resilience to storm erosion, and the Sunshine Coast & Noosa Regional Coastal Process Model for Improved Coastal Hazards Management project, which aims to increase the understanding of coastal hazard impacts on beaches, and the effect of different management options that improve resilience.

The Department of Environment and Science are the lead agency in Queensland for the delivery of these projects.

Further information on the Coastal and Estuarine Risk Mitigation Program 2022—23 is available at: <u>www.nema.</u> <u>gov.au/programs/emergency-response-fund/coastal-and-</u> <u>estuarine-risk-mitigation-program-22—23</u>.

Disaster Ready Fund

Announced in the 2022—23 Federal Budget, the Australian Government will establish the Disaster Ready Fund (DRF) from 1 July 2023. The DRF will provide up to \$200 million annually to build disaster resilience and mitigation projects across Australia. It will replace the existing Emergency Response Fund, by shifting the Fund's focus from recovery and repair to disaster resilience and mitigation. Consultation between the Commonwealth and states, territories, local governments, and key stakeholders will take place over the coming months. QRA will play a key role in these consultations to ensure the needs of Queensland's communities are considered. For more information on the Disaster Ready Fund visit: <u>nema.gov.au/programs/disasterready-fund</u>.

Get Ready Queensland

GRQ is a year-round, community resilience program that helps Queenslanders prepare for disasters. The program integrates a state-wide research driven awareness campaign led by QRA, alongside a grass roots grants program providing \$2M across Queensland's 77 councils and the Weipa Town Authority to deliver locally-led disaster preparedness initiatives.

Get Ready Queensland Week 2022

October is the highpoint of the calendar year for GRQ, with Get Ready Queensland Week taking place ahead of the state's typical disaster season.

This year, GRQ hosted and co-hosted a number of public events, aimed at generating widespread awareness for the important 3 Steps to Get Ready:

- Understand your risk
- Have a plan
- Pack a kit

QRA's media monitoring showed that between 10-16October 2022, GRQ generated 151 media mentions with a potential reach of 5.69 million people.

The week's events commenced with a unique simultaneous launch at primary schools in Brisbane and Rockhampton, drawing media attention from across the state thanks to spokespeople including Deputy Premier Steven Miles, GRQ Ambassador Johnathan Thurston and Rockhampton Mayor Tony Williams. Tuesday's annual Bureau of Meteorology Severe Weather Outlook webinar attracted record attendance numbers, while the launch of Community Services Industry Alliance's Resilience Scorecard and Natural Hazards Research Australia's Disaster Challenge Final were fitting events to amplify the Get Ready message.

The week was rounded off with the first-ever Get Ready Brisbane Emergency Services Expo at Victoria Park, which saw an estimated 10,000 South East Queenslanders actively engage in preparedness information stalls and activities. Cohosted by Brisbane City Council, the event received positive community feedback with requests for it to take place again in 2023.

These events were complimented by locally led activities across the state, with several councils using GRQ funding to deliver activities specifically relevant for their communities.



Authorised by the Queensland Government, Brisban

Image: GRQ 2022 campaign digital advertisement.



Image: Deputy Premier Steven Miles and GRQ Ambassador Johnathan Thurston enjoy hanging out with Nundah State School students at the Get Ready Queensland Week launch.



Image: Students at Depot Hill State School learn about disaster preparedness from Rockhampton Regional Council at the Get Ready Queensland Week launch.



Image: Crowd at Get Ready Brisbane Emergency Services Expo enjoys a science demonstration from MC, Ruben Meerman.



Image: GRQ Manager Kate Retzki shared preparedness messages at the Disaster Challenge Final in Brisbane.

QUEENSLANDERS URGED TO PREPARE FOR DISASTERS DURING GET READY QUEENSLAND WEEK

With Australia in line for a third La Nina season in a row, Queenslanders are being urged to prepare their families and property for possible natural disasters.

That was the message during the Queensland Reconstruction Authority's fifth annual successful launch of Get Ready Queensland Week (10-16 October) with events at Nundah State School in Brisbane and Depot Hill State School in Rockhampton.

Deputy Premier and Minister responsible for the Queensland Reconstruction Authority Steven Miles has called on every Queenslander to use this week to get ready for disaster season.

"From flooding and cyclones to bushfires, heatwaves and giant hail, we experience it all in Queensland, and we need to prepare for it all," Mr Miles said.

"We're the most disaster impacted state in Australia, and the latest BOM forecast signals more rough weather is on the way.

"That's why Get Ready Queensland Week holds such significance this year.

"This is a call for all Queenslanders – it's vital you and your loved ones are ready for the upcoming disaster season.

"We're still recovering from one of our toughest summers ever, and we're going to need every ounce of that renowned Queensland resilience as we go forward.

"Since 2011 Queensland has been impacted by more than 100 natural disasters, so it's a matter of when not if the next one will reach us, and before it does every Queenslander needs to ask themselves: are they ready?

"More than 60 per cent of Queenslanders now say they get ready ahead of disaster season and have an emergency plan in place, but we're eager to see even higher uptake," he said.

Get Ready Queensland Ambassador Johnathan Thurston said there are basic things Queenslanders can do now to ensure they are well prepared ahead of storm season.

"Queenslanders can get ready now by following three simple steps: know your risk, make an emergency plan, and pack an emergency kit," Mr Thurston said.

"Just grabbing a few extra items next time you're at the shops is all it takes to stock an emergency kit, to help keep you and your family safe at home.



Image: JT was joined by QRA staff and Channel 7 weather man Tony Auden.

"No matter where you live in Queensland you are at risk from extreme weather, so it's important to know what you might face and ways you can stay safe when the time comes.

"This Get Ready Week is an opportunity for every Queenslander to add to these preparation efforts and make sure you're ready when severe weather strikes," Mr Thurston said.

School visits like Nundah and Depot Hill today, and other Get Ready events throughout our cities, towns and rural communities, compel children to talk to their families about preparing for natural disasters.

St Francis Xavier Catholic Primary School from Mackay won the random prize draw in this year's Get Ready Queensland school's competition and will now host GRQ Ambassador Johnathan Thurston to showcase how they prepare for natural disasters.

"The response from schools across the state was simply fantastic with nearly 2,000 students from 42 schools getting involved in the competition, including entries from as far as north as Lakeland in the Cook Shire, down to Thangool, Bribie Island and the Gold Coast," Mr Thurston said.

"It is great to see teachers supporting the Get Ready Queensland message, showing kids how important it is to prepare for extreme weather through understanding local risks, having a plan, packing a kit and even making improvements around the house.

"The 2020-21 disaster season showed just how important it is for all Queenslanders to be prepared for whatever Mother Nature throws our way.

"I've spoken to school students in all parts of Queensland and while they face different challenges and different types of natural disasters, they all want to make sure their families are safe ahead of the storm and cyclone season.

"The visit to St Francis Xavier is great chance to talk to the school kids about what they learnt during the activity and hopefully they will continue the conversation with their families when they get home," he said.

Get Ready Queensland is a year-round, all-hazards, resilience building initiative to help communities prepare for natural disasters and is administered by the Queensland Reconstruction Authority.



Image: JT demonstrates CPR for the Nundah school kids.

TAMBORINE MOUNTAIN ROAD REOPENS AFTER MAMMOTH RECONSTRUCTION EFFORT

Tamborine Mountain Road reopened on 1 August 2022, after a mammoth reconstruction project to reconnect the communities of Canungra and Tamborine Mountain.

A significant landslip severely damaged the road, known locally as the Goat Track, following local rainfall totals of 300mm over four days during the December 2020 Southeast Queensland Coastal Trough.

During the initial recovery works, Transport and Main Roads removed 20,000 tonnes of unstable rock from the slope above Tamborine Mountain Road, including an extremely large unstable boulder, estimated to be 250 tonnes in weight, six metres wide and two metres thick.

Due to the steep terrain, crews of abseilers were needed to install more than 300 rock bolts to anchor large, unstable rocks to the upper slope, and helicopters were used to bring in some materials.

To stabilise the steep slope and prevent loose material from falling onto the road, more than 5500m² of mesh and rock catch fencing were installed on the cliff face and upslope. Further works were undertaken to restore the damaged road.

The project was successfully delivered in challenging circumstances, with more than three metres of rainfall recorded on site since August 2021.

Assistance will be provided through the jointly funded Commonwealth-State DRFA.



Image: Tamborine Mountain Road – completed reconstruction works



Image: Tamborine Mountain Road – completed reconstruction works



Image: Tamborine Mountain Road – landslip on road.



Image: Tamborine Mountain Road – damage site.



Image: Tamborine Mountain Road – mesh and rock dowel works

TMR REPAIRS BRIDGE BALUSTRADES AND RAILS ON KEY REGIONAL TRANSPORT LINK

Transport and Main Roads has reinstated balustrades and rails on Granville Bridge at Granville, after it was damaged by flooding earlier this year.

The bridge, on Maryborough–Cooloola Road crossing the Mary River, is a key link between Tin Can Bay and Maryborough. On average, about 9500 vehicles cross the bridge each day*.

Granville Bridge was initially inundated during flooding caused by Ex-Tropical Cyclone Seth in January 2022, with 150mm falling at nearby Maryborough. After flooding damaged the bridge rails, emergency works were undertaken and safety measures put in place to reopen the road.

The bridge was again temporarily closed during the South East Queensland Rainfall and Flooding event in February and March 2022, when there were local rainfall totals of more than 330mm.

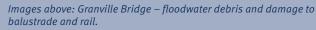










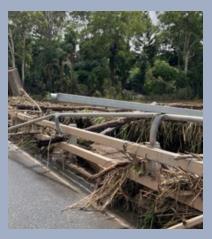


When water levels dropped below the road surface, road inspections identified that the bridge balustrade and rail was damaged at various locations, along with lighting poles.

TMR's RoadTek crews prioritised debris clean-up and put in place temporary balustrade and rail safety barriers to allow the bridge to be opened to traffic, pedestrians and bike riders.

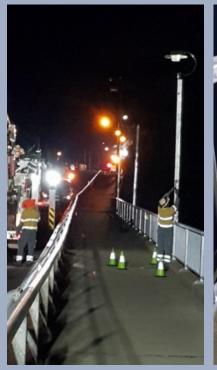
Works to reinstate the bridge balustrade and rail were completed in early September 2022. While works were underway TMR also coordinated with Ergon Energy to reinstall lighting across the bridge, which was also damaged during the flood events.

Assistance will be provided through the jointly funded Commonwealth-State DRFA.





Images above: Granville Bridge – floodwater debris and damage to balustrade and rail.



Images: Granville Bridge – (left) during nightworks (right) Completed repairs.