

**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:**  
Make Queensland the most disaster resilient state in Australia.

**OUR PURPOSE:**  
Enable recovery and build resilience to disaster events within our communities.

**DISASTER ASSISTANCE**




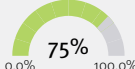
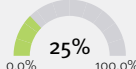


**DISASTER ASSISTANCE AND RESILIENCE GRANTS PROGRAM**

Since establishment, QRA has administered a recovery and reconstruction program through the joint State Commonwealth Natural Disaster Relief and Recovery Arrangements (NDRRA) and Disaster Recovery Funding Arrangements (DRFA) worth almost \$20 billion.

Works for 29 events from the 2020, 2021, 2022 and 2023 disaster seasons are currently in delivery with an estimated value approaching \$6.2 billion. This includes four events that have occurred in the 2022-23 season to date, for which cost estimates are yet to be confirmed. In addition, there are a small number of projects being completed under extensions of time from prior events.

In addition to DRFA, QRA is currently administering 11 other State, Commonwealth and joint-funded grant programs with a capped value of \$94.4 million, focused on disaster risk reduction and resilience building.

**STATUS OF ACTIVE GRANTS PROGRAMS ADMINISTERED BY QRA**

	2020 Events	2021 Events	2022 Events	2023 Events
<b>29 Events</b>	5	11	9	4
<b>\$6.2B</b> Delivery Program	<b>\$924M</b> Program	<b>\$808M</b> Program	<b>\$4.5B</b> Program	<b>\$TBC*</b>
Deadline for Delivery	30 June 2022	30 June 2023	30 June 2024	30 June 2025
 Time Elapsed				
 % Completion	<b>98%</b> complete (remainder under EOT)	In delivery – <b>63%</b> complete	In delivery – <b>\$804M</b> paid to date	Emergent works phase

\*TBC – cost estimates yet to be confirmed

## IN THE DECEMBER QUARTER

The December quarter sees the start of the typical disaster season in Queensland.

Ahead of its start though, QRA coordinated Get Ready Queensland Week in October. The peak of the annual awareness campaign, Get Ready Queensland Week commenced with a unique simultaneous launch at primary schools in Brisbane and Rockhampton, and culminated with the first-ever Get Ready Brisbane Emergency Services Expo in Brisbane. The 2022 Get Ready Queensland behaviour change campaign, supported by partner relationships with Suncorp and IGA Supermarkets, concluded in mid-November 2022. The campaign urged Queenslanders to add a few extra items to their weekly shop to make a household emergency kit.

Although the state has experienced a quieter than expected start to the disaster season, it has still been impacted by four severe storm and flooding events to date, with 12 local government areas activated for disaster assistance. QRA has provided preliminary support to the flood impacted regions, to assist with locally led recovery planning.

The focus of the disaster assistance grants program in the December quarter has been to complete ‘closeout’ assessments of projects delivered up to 30 June 2022. These assessments are important as QRA shifts its focus to working with councils on the compliance activities that facilitate the Queensland Audit Office’ annual review of the state’s DRFA expenditure incurred in the 2021-22 financial year. The audit is due to commence in January 2023 and provides the requisite governance and assurance to recover the maximum eligible contribution from the Commonwealth towards disaster recovery and reconstruction costs incurred by the state during the year.

The December quarter saw completion of follow up assessments to monitor the pace of recovery of properties damaged following the severe flooding in South-East Queensland in early 2022 and, as another sign of recovery, more than 130 flood-impacted homeowners have now accepted a voluntary home buy-back as part of the \$741 million Resilient Homes Fund (RHF).

## RESILIENCE AND RECOVERY

The Resilience and Recovery team within QRA 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.

QRA is pleased to outline some of the key activities and progress that has occurred during this quarter.

### RECOVERY

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

Across the state it is evident Councils are recovering from cumulative and compounding events, along with many who are already dealing with other longer-term stresses like drought and COVID-19. The Queensland Recovery Plan is driving a collaborative approach across functions of recovery, all levels of government and the whole community to ensure recovery operations are appropriate to the scale of the disaster event.

## THE 2022-23 DISASTER SEASON UPDATE

### Disaster Recovery Funding Arrangements Activations (DRFA)

In the last quarter of 2022, continual adverse weather led to severe storms, significant rainfall, and subsequent flooding for several Local Government Areas and communities in Southern Queensland. Though these did not bring the same extreme rainfall totals as some of the more severe rain events earlier in the year, it was anticipated that these smaller totals would have more significant impacts due to saturated catchments and sodden ground not having a chance to dry out. A particular short period of severe weather brought about the Southern Queensland Severe Weather event, from 18 October-23 November 2022, which brought the total events already this disaster season (2022-23) to 4, with the City of Gold Coast being the first LGA this season to be activated more than once.

	Last Season 2021-22 Overview	This season 2022-23 July-December 2022
<b>Events</b>	9	4
<b>LGAs activated</b>	66	12
<b>LGAs activated for multiple events</b>	42	1

## Southern Queensland Severe Weather, 18 October-23 November 2022

Severe thunderstorms, hail, damaging winds and heavy rainfall impacted the south of the state across 18 - 27 October. In addition, a coastal trough developed into a low off the coast of Bundaberg on Friday 22 October and travelled south impacting coastal communities from the Sunshine Coast to the NSW boarder, resulting in further intense rain and damaging winds to impact numerous LGAs due to the time taken for rain to pass through numerous catchments.

Balonne Shire Council, Barcoo Shire Council, Goondiwindi Regional Council, the City of Gold Coast, and Lockyer Valley were activated for DRFA assistance across October and November. Impacts included asset/infrastructure damage, isolation of townships and properties within impacted LGAs due to road closures as a result of both flooded roads and inaccessible roads due to damage, emergency works required to remove silt and debris from road crossings and temporary repair of roads where immediate safety and access issues, leading to the activation of Counter Disaster Operations (CDO) and Reconstruction of Essential Public Assets (REPA) relief measures to assist in Recovery efforts.

Other 2022/2023 season events included:

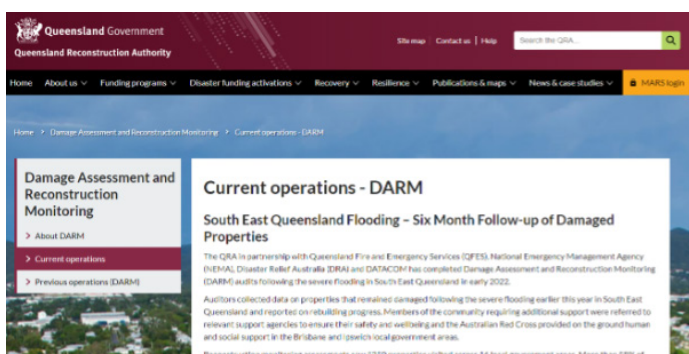
- Southern Queensland East Coast Low, 20-23 July 2022
- South West Queensland Trough and Flooding, 7-15 September 2022
- South East Queensland Severe Storms, 22-23 September 2022

## Follow-up assessments provide snapshot of South East Queensland flood recovery

During October, QRA in partnership with Queensland Fire and Emergency Services (QFES), National Emergency Management Agency (NEMA), Disaster Relief Australia (DRA), and Australian Red Cross conducted follow up assessments on properties damaged following the severe flooding in South-East Queensland in early 2022.

More than 5200 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.

The data collected from this operation has been analysed by the QRA and has been provided to the Functional Recovery Groups and impacted Local governments for their information and use in understanding the progress of ongoing community recovery.



QRA is working collaboratively with local councils and other Queensland Government departments to support the delivery of the largest household resilience program of its kind in Australia.

The \$741 million Resilient Homes Fund will aim to help Queensland homeowners whose homes have been affected by flooding in the 2021-22 disaster season to make their homes more resilient to future flooding.

The Department of Energy and Public Works (DEPW) is delivering the Resilient Retrofitting and House-raising component of the \$741 million Resilient Homes Fund, whilst QRA is managing the Voluntary Home Buyback (VHBB) program together with local governments.

As at 22 December 2022, more than 5596 people have registered for the Resilient Homes Fund including 673 who have expressed a preference for the VHBB. To date, 540 homeowners have been approved to take part in the VHBB scheme in twelve local government areas (Brisbane, Fraser Coast, Gympie, Ipswich, Logan, Lockyer Valley, Moreton Bay, Sunshine Coast, Goondiwindi, Somerset, Gold Coast and Noosa).

Valuations and presentations of offers to homeowners has continued, in consultation with local governments. As at 3 January 2023, 401 valuation inspections have been undertaken across the eight local government areas and 183 offers have been presented to homeowners with 131 having been accepted. Valuations and offers are continuing to be rolled out across the flood impacted areas.

Through the voluntary home buy-back of flood impacted properties QRA is committing to support safer, stronger and more resilient Queensland communities.

## Exceptional funding packages Category C/D

QRA is coordinating the delivery of more than \$2 billion in extraordinary assistance packages under the Disaster Recovery Funding Arrangements (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).

In addition to the \$741 million Resilience Homes Fund, these exceptional funding packages include:

- \$177.7 million for human and social initiatives including psychosocial-mental health services and emotional wellbeing support, incorporating \$121.1 million for 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 as well as 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. On 24 June 2022, expressions of interest opened for the \$105 million community and recreational assets program which closed on 31 July 2022.
- A \$150 million Betterment Fund will increase the resilience of our essential public infrastructure, so the next inevitable disaster doesn't have the same impact. On 2 July 2022, the program was opened to eligible councils and state agencies.

The remaining Guidelines for all of the extraordinary assistance packages under the DRFA were approved during the September quarter, and the availability of funding support is being urgently implemented by the respective State Government departments, agencies or authorities.

To support uptake of the assistance in these packages, QRA's Resilience and Recovery Officers have engaged with all 39 eligible Councils, facilitated information sessions and are providing on-going support regarding DRFA extraordinary disaster assistance packages 2021-22 (Categories C and D).

### Recovery Engagement with stakeholders

QRA is focused on ensuring recovery is locally led and supports local governments and Local Recovery Groups across Queensland to build their recovery capability through training workshops. These workshops focus on finalising recovery governance arrangements and developing recovery sub-plans. There are 54 council recovery plans endorsed across Queensland. A total of 51 Councils have established Local Recovery Groups with 37 Councils have a permanent Local Recovery Coordinator.

Staff attended the annual Redland City Council exercise, 'Exercise Milberran' in early November, which set a scenario to deal with the impacts of a severe tropical cyclone (focusing on the impacts from cyclonic winds and storm surge) across the Redland City Council, but including related impacts to eastern Brisbane City. The exercise was undertaken as part of the Severe Wind Hazard Assessment for South-East Queensland (SWHA(SEQ)) project, which is designed as a nominally two-year 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.

Local government recovery engagement in November and December has involved QRA staff facilitating or attending meetings with Redland City Council, Sunshine Coast Regional Council, Mount Isa City Council, Cloncurry Shire Council, McKinlay Shire Council, Richmond Shire Council, Rockhampton City Council, Livingstone Shire Council, Toowoomba Regional Council, Western Downs Regional Council, Flinders Shire Council, Charters Towers Regional Council – all of which included discussions around the implementation of Regional Resilience Strategies and associated Local Resilience Action Plans. QRA Recovery staff have also held follow-up meetings with Yarrabah Aboriginal Shire Council, Douglas Shire Council and Cairns Regional Council to discuss a planned Cairns region Recovery exercise to be conducted in early 2023.

In early November QRA Recovery and the Commonwealth National Emergency Management Agency (NEMA) Engagement Branch (Qld) held a combined workshop that focused on Queensland recovery governance, operations, and activations, as well as roles and responsibilities of each Agency. It was intended to increase cohesion between agencies and enable future cross-engagement strategies with mutual stakeholders.



*QRA Recovery staff meeting with stakeholders from Redlands City Council, and councils across north-west Queensland*

**RESILIENCE**

**QRA is responsible for coordinating the development and implementation of whole-of-government policies for disaster recovery, managing flood risks and improving the disaster resilience of communities.**

**The QRA has been involved in the following key activities during the final quarter of 2022.**

**National Recovery Training Program**

The National Emergency Management Agency (NEMA) in conjunction with the Department of Education Skills and Employment and Australian Industry Standards led the development of a National Recovery Training Program in response to the recommendations from the Royal Commission into National Natural Disaster Arrangements.

The National Recovery Training Program developed a new qualification linked to the current suite of national Public Safety Training. The Diploma of Public Safety (Recovery Management) was released in December and is available online. The Diploma will provide a consistent understanding of disaster recovery across the nation and further enable the sharing of resources across jurisdictions, when and where required.

The program was supported by a project steering committee, a project working group and technical advisory working group. QRA (along with other agencies) played a vital role on each of these, with the aim of ensuring the diploma will provide a quality national training program whilst also ensuring jurisdictional nuances were captured.

Options for the delivery of the training in Queensland are still being considered.

**IGEM Review – Queensland Disaster Management Arrangements**

The Queensland Government has requested the Inspector-General of Emergency Management (IGEM) conduct a review of Queensland’s Disaster Management Arrangements (QDMA).

The review will broadly examine the structures and governance relevant to the QDMA and inform the transition of disaster management functions to the Queensland Police Service and other relevant agencies, including the QRA.

A QRA representative will work with the IGEM review team, to ensure QRA’s key focus areas of Disaster Recovery, Disaster Resilience and Flood Mitigation are appropriately reflected in any changes for the benefit of Queensland Communities.

**Disaster Ready Fund**

The Disaster Ready Fund repurposes the Emergency Response Fund (ERF), established by the previous Commonwealth Government, by turning it into a dedicated ongoing source of funding for natural disaster resilience and risk reduction measures.

From 1 July 2023 onwards, the Disaster Ready Fund will be providing up to \$200 million per annum for natural disaster resilience and risk reduction initiatives.

QRA coordinated the development of a Queensland Government submission to the Commonwealth on the introduction of the Disaster Ready Fund, and provided feedback on behalf of the Queensland Government on the initial drafts of the Disaster Ready Fund Guidelines and related documents.

The Commonwealth is still undertaking consultation to inform the design of the Guidelines for Round 1. Applications for Round 1 of the Disaster Ready Fund are expected to open in early 2023.



### Property Level Flood Information Portal

Delivery of Property Level Flood Information Portal (“the Portal”) is well underway, with the Expression of Interest from the market currently being reviewed and shortlisted for the next stage of procurement. The QRA is anticipating the Request for Quote (RFQ) to be completed in early 2023, which will provide details of proposed solutions for 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 now closed and undergoing review of 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. Councils will be notified of funding approval late January 2023.



Flood studies, risk assessment and management strategies (WP3)

\$20 million for floods studies for river, creek and/or overland flooding, risk assessments and management strategies.

## GET READY QUEENSLAND (GRQ)

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.

### 2022 Get Ready Queensland behaviour change campaign research

2022 Get Ready Queensland behaviour change campaign concluded in mid-November 2022, urging Queenslanders to add a few extra items to their weekly shop to make a household emergency kit.

Agency ‘Marketing and Communications Research’ (MCR) has been contracted to undertake independent analysis of the campaign to look at the impacts of key messaging and measure influence on preparedness behaviours across the state. Results are expected to be presented to the Get Ready Queensland Team in late January 2022. The results will be used to shape future campaigns.



GRQ 2022 campaign digital advertisement

### Get Ready Queensland Week 2022

October 2022 again brought the highlight of the GRQ calendar, with Get Ready Queensland Week taking place ahead of the state’s typical disaster season.

QRA’s media monitoring showed that between 10 – 16 October 2022, GRQ generated 151 media mentions with a potential reach of 5.69 million people and an advertising space rate of \$2.93m.

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, co-hosted by Brisbane City Council, which saw an estimated 10,000 South East Queenslanders actively engage in preparedness information stalls and activities.

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.



Deputy Premier Steven Miles, GRQ Ambassador Johnathan Thurston and Nundah State School students at the Get Ready Queensland Week launch



Dignitaries attending the regional launch of Get Ready Queensland Week in Rockhampton

**2022 Get Ready Queensland School Competition Winner – Francis Xavier Catholic Primary School**

GRQ Ambassador Johnathan Thurston joined the GRQ team in Mackay in November 2022, making a special visit to St Francis Xavier Catholic Primary School, winners of the popular GRQ School Competition.

Schools from across Queensland entered the draw, with 70 classes and almost 2,000 students participating in Get Ready Queensland activities to help them learn about extreme weather and how to prepare.

The competition received entries from as far as north as Lakeland in the Cook Shire, down to Thangool, Bribie Island, and the Gold Coast.

Johnathan Thurston said the school visit was one of the highlights of his role as Ambassador.

“The visit to St Francis Xavier was a great chance to talk to the school kids about the 3 Steps to Get Ready and hear what students had learned about local disaster risks.

“The Get Ready Queensland program encourages all Queenslanders to take easy steps to protect what’s most important when extreme weather strikes,” he said.

The GRQ School Competition is a way to put Get Ready Queensland lessons into classrooms, aimed at building positive preparedness habits early to future-proof Queensland resilience. The competition will run again in 2023.



*GRQ Ambassador Johnathan Thurston with St Francis Xavier Catholic Primary School students*



*GRQ Ambassador Johnathan Thurston enjoys emergency services displays at St Francis Xavier Catholic Primary School students*



**PROGRAM SPOTLIGHT**

**MORE THAN 130 FLOOD-IMPACTED HOMEOWNERS ACCEPT PROPERTY BUY-BACK OFFERS**

The program, a jointly funded initiative delivered through Commonwealth-State Disaster Recovery Funding Arrangements (DRFA), was established following the catastrophic 2021-22 rainfall and flooding events.

The \$741 million RHF is the biggest single disaster support package in Queensland’s history and reflects not only the immediate challenge in terms of cleaning up and rebuilding following the floods in February 2022 but the longer-term need to increase resilience in Queensland communities.

Since the RHF was launched in May 2022, more than 5550 homeowners have registered for the Resilient Homes Fund, while over 4100 home assessments have been completed.

Three options are available to applicants: retrofitting to a more resilient standard, house raising, or in severe cases, voluntary home buy-back.

More than 400 valuation inspections for buy-back have now been undertaken across Brisbane, Ipswich, Logan, Sunshine Coast, Fraser Coast, Gympie, Moreton Bay and Lockyer Valley.

Of these there have been more than 180 buy-back offers presented to homeowners, with 131 offers accepted across eight local government areas.

On 4 January 2023, Federal Minister for Emergency Management, Murray Watt and Acting Premier Steven Miles met with one of the 131 buy-back homeowners, Luke Hardwick-Greaves, at his former home in Rocklea.

Luke and his family lived in Rocklea for six years until the property was inundated by floodwaters in February 2022, rendering the house uninhabitable.

The deluge submerged the home with water reaching well above head height. Everything that the family had in the house was destroyed.

Confirmation of the home’s purchase under the Voluntary Home Buy-Back Program has provided the family with the ability to move on, out of harm’s way.

“The buy-back program marks the end of a long chapter for our family, one that was filled with uncertainty and stress due to the constant threat of flooding,” Luke said.

“We are glad to know that future Queensland residents will not have to endure the same risks and challenges that we faced.”

Luke, his wife and three young children celebrated a new beginning by moving into a new home at the end of 2022.

The \$741 million Resilient Homes Fund remains open for Queensland homeowners affected by the floods of 2022.

Valuation inspections are continuing across 12 local government areas, including Brisbane, Ipswich, Logan, Sunshine Coast, Fraser Coast, Gympie, Moreton Bay, Lockyer Valley, Gold Coast, Noosa, Goondiwindi and Somerset.

The Queensland Reconstruction Authority is managing the Voluntary Home Buy-Back Program, with Queensland’s Department of Energy and Public Works leading the house raising and retrofitting components of the Resilient Homes Fund.



*RHF successful applicant Luke Hardwick-Greaves with QRA’s Acting CEO Jimmy Scott*

**PROGRAM SPOTLIGHT**

**BELLTOPPER CREEK CULVERT REPAIRS COMPLETED**

Muttaborra–Aramac Road was reopened to two-lane traffic in October 2022, after natural disaster repairs were completed at Belltopper Creek.

The road links the dinosaur discovery township of Muttaborra with the historic rural settlement of Aramac in the centre of Queensland.

Located about 10km west of Aramac, Belltopper Creek was impacted by persistent heavy rainfall and flash flooding during the Queensland Monsoonal Flooding event in late January 2020.

The severe weather undermined concrete protection at the site, with the road pavement to the downstream lane washed away, exposing the drainage pipes. The road shoulder was also saturated and unstable. As a result, Muttaborra–Aramac Road was restricted to one lane through the site for safety.

Restoration works involved reconstructing three pipes, replacing the concrete margin and batter protection, and reinstating about 100 metres of pavement. Works were completed for Transport and Main Roads by Barcaldine Regional Council.

The project was delivered in challenging circumstances through the COVID-19 pandemic, with reduced resource availability and competing economic stimulus projects. Subsequent rain events also impacted delivery.

Assistance will be provided through the jointly funded Commonwealth-State Disaster Recovery Funding Arrangements (DRFA).



*Muttaborra–Aramac Road – damage from Queensland Monsoonal Flooding (February 2020)*



*Muttaborra–Aramac Road – completed reconstruction works (October 2022)*



*Muttaborra–Aramac Road – completed reconstruction works (October 2022)*

**PROGRAM SPOTLIGHT**

**WORKS UNDERWAY ON BRISBANE ROAD EMBANKMENT SLIP**

Both eastbound lanes on Brisbane Road at Bundamba are a step closer to reopening, with embankment stabilisation works underway from the end of October 2022.

Unprecedented rain during the South East Queensland Rainfall and Flooding event – including a total of 574mm in four days at nearby Ebbw Vale from 25 to 28 February 2022 – impacted the road and the rail corridor that runs alongside the road. The embankment slipped into the rail corridor, which resulted in the closure of one lane of Brisbane Road between High and Taylor Streets for safety.

Although the full extent of the damage is not visible from Brisbane Road, it is significant, with cracks approximately 800mm deep in the left lane.

Engineers from the Department of Transport and Main Roads and Queensland Rail have been working closely to develop a solution to ensure the safety of road and rail users while working to reopen the closed lane as a priority.

The repair works are challenging, with complex stabilisation works required for the lane to withstand traffic loading to be able to open fully.

The initial ‘make safe’ work involved geotechnical investigation and design, and the complexity and safety requirements of working next to the rail corridor have meant the rectification works are not straightforward.

Reconstruction works involve installing more than 20 large piles to a depth of approximately 12 metres below the road level and placing large wire cages filled with rock at the toe of the embankment to provide further stability and reinforcement to the area.

While this construction activity occurs, there will be lane closures and changed traffic conditions on Brisbane Road. Most of the work will take place at night, however day work will also be required.

Works are expected to be completed by late April 2023, weather permitting.

Assistance will be provided through the jointly funded Commonwealth-State Disaster Recovery Funding Arrangements.



*Brisbane Road – rail corridor running alongside the road at the damage site*



*Brisbane Road – damaged area showing the slip, cracks and rocks at the embankment*



*Brisbane Road – part of the 800mm deep crack, next to the road (February 2022)*



*Brisbane Road – crack in road requiring lane closure (March 2022)*