

Flood Disaster Recovery Projects



Reconstruction works are occurring across multiple Gold Coast and Scenic Rim roads following heavy rainfall in December 2020 and March 2021. Reconstruction works include road rehabilitation and slope stabilisation. Assistance will be provided through the jointly funded Commonwealth-State Disaster Recovery Funding Arrangements (DRFA).

The 2020-21 disaster events works program on state-controlled roads within Scenic Rim Regional Council area comprises of:

- Lamington National Park Road – Slope stabilisation and pavement works at multiple sites along the first 27km of Lamington National Park Road. Reconstruction works have commenced and will continue until late 2023. Works on Lamington National Park Road at the major landslip site have been completed.
- Beaudesert-Boonah Road – Slope stabilisation and pavement works at various locations along 23km of Beaudesert-Boonah Road. Reconstruction works commenced in May and are expected to continue until late 2023.
- Beechmont Road – slope stabilisation and pavement works at multiple sites along Beechmont Road, Numinbah Valley. Reconstruction works commenced in April and will continue until late 2023.
- Mount Lindesay Highway – road repairs and drainage works at multiple locations along 21km of the Mount Lindesay Highway from Rathdowney to Mount Barney. Reconstruction works commenced in April and will continue until late 2023.
- Tamborine Mountain Road – slope stabilisation and pavement works at various locations along Tamborine Mountain Road. Reconstruction works commenced in June and will continue until late 2023.
- Boonah-Rathdowney Road – slope stabilisation and

pavement works at various locations along Boonah-Rathdowney Road, Maroon. Reconstruction works commenced in April and will continue until late 2023.

- Boonah-Fassifern Road – minor slope and revegetation works at two sites along Boonah-Fassifern Road. Reconstruction works commenced in May and will continue until late 2023.
- Beaudesert-Nerang Road – geotechnical treatments and revegetation works along Beaudesert-Nerang Road. Reconstruction works commenced in April and will continue until late 2023.
- Carneys Creek Road – minor pavement repairs and scour works along Carneys Creek Road. Reconstruction works are being undertaken in late 2023.
- Binna Burra Road – minor slope and revegetation works on multiple sites along Binna-Burra Road, Binna Burra. Reconstruction works are scheduled to commence in May and will continue until late 2023.
- Beaudesert-Beenleigh Road - minor backfill repairs and scour works along Beaudesert-Beenleigh Road. Reconstruction was completed in June 2023.
- Tamborine-Oxenford Road – geotechnical treatments and revegetation works on various sites along Tamborine-Oxenford Road, Tamborine. Reconstruction works are scheduled to commence in May and continue until late 2023.
- Lake Moogerah Road - minor slope and revegetation works on three sites along Lake Moogerah Road. Reconstruction works were completed in June 2023.



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- Running Creek Road - geotechnical treatments and revegetation works at multiple locations along 19km of Running Creek Road from Rathdowney to Running Creek. Reconstruction works commenced in May and will continue until late 2023.

Project Update

Scenic Rim Regional Council's flood recovery program has hit the ground running in early 2023, following successful funding applications to the Queensland Reconstruction Authority (QRA).

An update provided to Council showed damage assessments and a range of emergency repair works have been undertaken during 2022, supporting the need for long-term restoration works across the Scenic Rim.

With the Scenic Rim region seeing some of the worst widespread rainfall and flooding in generations since late 2020, nine floodways and 22 landslips will require repair or total replacement as a result of multiple declared disaster events.

Mayor Greg Christensen said that, since the bushfires that devastated the Scenic Rim in 2019, the region had endured five separate flooding events impacting the delivery of Council's Capital Works Program.

"Council will delay the delivery of some projects under the 2022-2023 Capital Works Program to allow current crews to provide additional support to the restoration works required as a result of the declared disaster events," he said.

"Emergency works already carried out or in progress have focused on safety through temporary solutions.

"Long-term restoration works for targeted projects may be delayed so that Council can apply for Betterment funding, which is a competitive grants process, but, if successful, would help increase the resilience of our assets against future flood events."

The total cost of damage to more than half the region's road



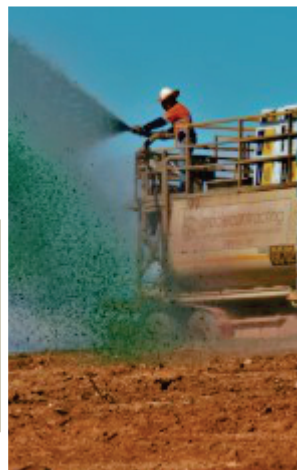
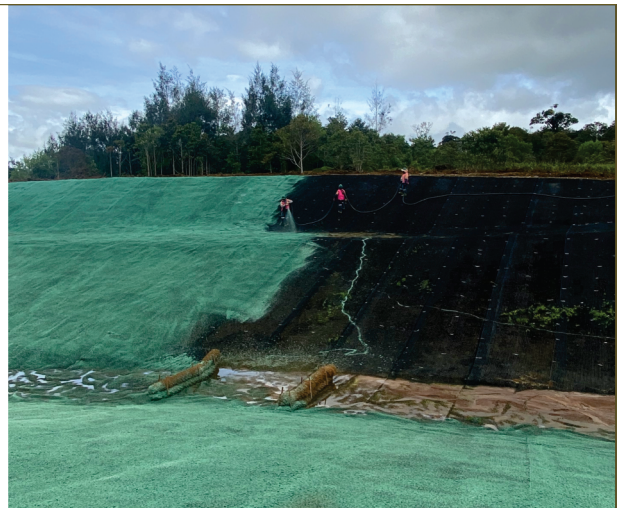
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network, including 75 per cent of its unsealed roads from a series of declared disaster events, has been estimated at \$50 million.

“The QRA has now approved \$18.1 million in grant funding, which will go towards this total damage bill, and we have applied for a further \$13.6 million currently pending approval,” Mayor Christensen said.

“If this additional application is successful, it would bring the total cost to Council down to \$18.3 million.

“As we head into 2023, available crews will be devoted to our flood recovery works, which we are anticipating will take 18 months to complete, pending any further interruptions due to weather conditions or resourcing.

“Our crews have a difficult task ahead of them before long-term restoration works can start, with many eligible projects requiring extensive planning and design and the engagement of specialist contractors and sub-contractors to support our own workforce.”

Mayor Christensen said 2023 is shaping up as a big year for Council to successfully deliver its flood recovery program against a backdrop of limited resources and ongoing wet weather combined with the need for regular maintenance of key infrastructure and assets to support the Scenic Rim’s growing population and economic growth.

“I would like to thank Scenic Rim residents and road users for their understanding and their patience during a particularly trying time for our region,” he said.

The QRA assistance is provided through the jointly funded Commonwealth-State Disaster Recovery Funding Arrangements (DRFA).

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Gold Coast Hinterland Projects

Works are progressing well to restore Gold Coast-Springbrook Road and Beechmont Road. Gold Coast-Springbrook Road is scheduled to be re-opened in early 2024.

Work started on Beaudesert-Nerang Road, Currumbin Creek Road and Nerang-Murwillumbah Road in April 2023 and will continue through to late 2023. The works on these roads will involve earthworks, slope stabilisation and drainage reconstruction.

Flooding wreaked havoc across southern Queensland, leaving a trail of destruction in 41 local government areas.

The aftermath was marked by extensive road damage, including major landslips, pervasive pavement deterioration, and erosion surrounding bridges and culverts.

The scale and severity of this devastation necessitated a concerted effort to initiate a comprehensive program of reconstruction, made possible through the Disaster Recovery Funding Arrangement (DRFA).

Hazell Bros (QLD) Pty Ltd is presently engaged in the execution of the TMR project, DRFA Events 21C and 21J (CN-19121, R3/F25/A2).

This program of works is situated within the picturesque Gold Coast Hinterland and encompasses restoration work at a staggering 130 sites, distributed across 10 state-controlled roads within the city.

These roads include:

- Southport Nerang Road in Southport,
- Currumbin Creek Road in Currumbin,
- Tomewin Road in Currumbin,
- Nerang Murwillumbah Road in Nerang/Numinbah Valley/Natural Bridge,
- Tallebudgera Connection Road in Tallebudgera, Beechmont Road in Beechmont/Lower Beechmont/Advancetown,



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- Beaudesert Nerang Road in Nerang,
- Advancetown Mudgeeraba Road in Tallai/Mudgeeraba, Tamborine Nerang Road in Clagiraba,
- Tamborine Oxenford Road in Oxenford/Wongawallan.

The scope of this project encompasses an array of critical activities.

These encompass earthworks, which entail reshaping the terrain to restore access for communities and businesses, as well as geotechnical stabilization works such as soil nailing and shotcrete to reinforce the stability of the affected areas.

Moreover, the project includes comprehensive drainage solutions to mitigate future flood risks, pavement restoration to ensure safe travel, line marking and signage for clear navigation, fencing for safety and security, and thoughtful landscaping to restore the natural beauty of the surroundings.

The primary objectives of this monumental undertaking are clear: to reinstate access for local communities and businesses, rehabilitate the severely impaired road network, mend structures that have sustained damage, rectify slopes and batters along roads to bolster their resilience, and systematically clear away the debris and silt left in the wake of the destructive floods.

In essence, Hazell Bros (QLD) Pty Ltd.'s involvement in this critical development for South-East Queensland, exemplifies the collective commitment to rebuilding the local community.

Subcontractors and Suppliers

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Gracie Contracting	Hydromulch
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Altus Traffic	Traffic Control

South Coast Region Emergency Response Program (SCRERP)

Location: South East Queensland

Timing: June 2022 - completion of emergency works June 2024 - completion of reconstruction works

Status: Under construction

Works are well and truly underway at our South Coast Region Emergency Response Program (SCRERP).

SCRERP is a series of projects in the Gold Coast Hinterland to restore full vehicular access after natural disasters in early 2022 affected the integrity of roads in the Lower Bechmont, Springbrook, Lamington and Canungra areas.



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With the roads impacted by landslips or landslides, stabilisation works will be performed to rehabilitate the embankments and associated asphaltting, drainage and concreting works will allow for safe two-way traffic once complete.

Repairs are underway across South East Queensland after extensive and severe damage to the state-controlled road network was caused by sustained heavy rainfall and flooding in early 2022.

Flooding caused significant road damage in 22 local government areas across South East Queensland, including numerous major landslips, widespread pavement damage and scouring around bridges and culverts.

As soon as it was safe to do so, the department had crews assessing road damage and making urgent repairs to restore access for communities. Key road links were reopened by early March 2022.

Further heavy rainfall in late March 2022 made some damage worse and caused significant landslips in the Gold Coast hinterland.

Emergency works, including removing road hazards and repairing minor pavement damage, have been undertaken to ensure damaged roads are safe until full reconstruction can be completed.

Damage assessments and repairs are ongoing. Due to the widespread and severe nature of the damage, a significant program of reconstruction works will be required over the next 2 years.

Benefits

- Restores damaged infrastructure
- Contributes to economy
- Contributes to regional growth
- Key features
- Restoring access for communities and businesses.
- Restoring damaged roads and road surfaces.
- Repairing damaged structures, including bridges and culverts.
- Repairing damaged slopes and batters along roads.
- Clearing silt and debris.

Key Features

- Restoring access for communities and businesses.
- Restoring damaged roads and road surfaces.
- Repairing damaged structures, including bridges and culverts.
- Repairing damaged slopes and batters along roads.
- Clearing silt and debris.

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Scenic Rim

Rathdowney - Boonah

Federal Member for Wright Scott Buchholz has welcomed disaster recovery funding to support repairs and reconstruction works to local roads damaged by storms and flooding.

Mr Buchholz said support for much-needed roadworks was being provided through the jointly funded Commonwealth-State Disaster Recovery Funding Arrangements (DRFA).

“The widespread rain and flooding impacted many roads in the Gold Coast hinterland and Scenic Rim areas, causing landslips, flood damage and tree falls,” Mr Buchholz said.

“Local motorists will recall the significant damage caused, including sections of the Mt Lindesay Highway, Oxenford Road at Tamborine and Beenleigh Road near Beaudesert.

“We also saw significant surface damage on other important corridors including the Cunningham Highway, Boonah-Fassifern Road Boonah–Rathdowney Road,” Mr Buchholz said.

“Some of these works may be already underway, other small scale repairs have been completed and there is more work to come.

“These repairs will have an impact on motorists and the local community, with some delays and interruptions, so I urge everyone to obey the changed conditions and please be patient – these roadworks are necessary.”

Minister for Emergency Management and National Recovery and Resilience, Senator the Hon Bridget McKenzie said the Liberals and Nationals Government was committed to supporting the necessary reconstruction work in affected areas.

“The storms and flooding caused significant damage to roads in south east Queensland and we continue to focus

on supporting the work needed to repair, restore and replace key road network infrastructure in the affected areas,” Minister McKenzie said.

“Some of these are key arterial roads for local motorists and the road freight sector which makes the ongoing reconstruction and repair work a priority.”

Reconstruction works are set to take place across a number of locations throughout the scenic rim regional council

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- H2flow
- Allstate Linemarking Services Pty Ltd
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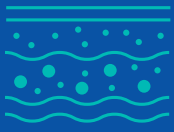
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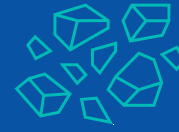
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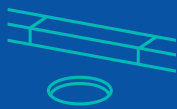
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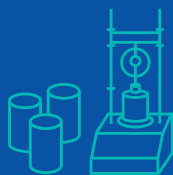
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Two More QLD Councils to Access DRFA Assistance



Goondiwindi Regional Council and Gold Coast City Council are now able to access the jointly-funded Commonwealth-State Disaster Recovery Funding Arrangements (DRFA), following the severe weather which continues to cause major flooding across the regions.

The activation brings the total number of LGAs accessing DRFA assistance in response to the Southern Queensland Severe Weather, October – November 2022, event to five: Balonne Shire Council, Barcoo Shire Council, City of Gold Coast, Goondiwindi Regional Council, and Lockyer Valley Regional Council.

The funding assists counter disaster operations for the councils and will support road and public infrastructure repairs.

Federal Minister for Emergency Management, Senator Murray Watt, said the support will help with the ongoing recovery.

“The communities of Goondiwindi and the Gold Coast are still feeling the effects from last month’s severe storms and heavy rainfall,” Mr Watt said.

“The Macintyre River at Goondiwindi remains at a major flood level, resulting in continuing road closures, and the City of Gold Coast has opened sandbagging operations and is forecasting the likely continuation of severe weather.

“This assistance will allow both councils to recuperate the costs of their counter disaster efforts such as sandbagging and debris clearing, and will help Goondiwindi ensure its flood-damaged roads are repaired sooner.”

Queensland Minister for Fire and Emergency Services, Mark Ryan, said the continued support for Queenslanders remains the government’s top priority.

“This assistance provides financial relief to the Goondiwindi and Gold Coast councils at a time when they are still recovering from the last intense natural disaster season in 2021-22,” Mr Ryan said.

“The Australian and Queensland Governments will continue to work together to provide rapid recovery assistance to all Queenslanders, regardless of where they live.”

Flooding and Rain Event Local Recovery Plan

The Goondiwindi Regional Council area covers almost 20,000 km². The region’s three larger towns of Goondiwindi, Inglewood and Texas are the primary hubs for a number of diverse communities, while the towns of Yelarbon, Toobeah, Bungunya and Talwood play important roles in the social and economic lives of our rural residents. The Goondiwindi region is a commercial hub of a vast agricultural and pastoral sector producing cotton, grain, dairy, wool, poultry, beef, lamb and pork for domestic and overseas markets.

The region is rich in history, home to a thriving country culture and renowned for its agricultural excellence.



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About the Disaster Event

Between November and December 2021, large parts of Central, Southern and Western Queensland experienced heavy rainfall and flooding. There has been significant disruption to communities, including damage to private and public property. In Inglewood, Texas and surrounding areas within the Goondiwindi Regional Council area, buildings were inundated with flood water and towns and rural properties were isolated. The railway line was also damaged, interrupting the vital link to port for the export of agricultural commodities. Coolmunda Dam reached capacity and was spilling excess water. Key themes include assistance with reestablishing lost property, realisation that recovery will take a long time, concern about the weather and potential for future flooding, and support for businesses and rural properties. Approximately 58% of the population of Inglewood received emergency hardship funding assistance of some sort.

Recovery

Key Recovery Stakeholders

- Goondiwindi region community members, in both towns and rural areas
- Council, state and federal government agencies including QRA, QRIDA, DAF and DCHDE
- Community groups, non-government organisations, volunteer groups
- Local businesses, Chamber of Commerce and trade associations
- Rural industry and member groups

Areas of Operation

Due to the wide-ranging impacts of the event, planning for recovery from the flooding is being approached from

across the region in five areas of operation. This reflects both the similarities and differences identified in each area in terms of recovery and reconnection impacts and needs.

Recovery Themes

Recovery planning to date has identified recovery tasks and objectives across all pillars of recovery, and five themes have emerged for the recovery of the region and the projects and activities being identified.

-
- Infrastructure: roads, sporting fields, on-farm infrastructure, levee, homes
- Community information: related to preparedness, evacuation, vulnerable community members, insurance awareness
- Social and economic: small business, rural sector, community connectedness
- Flood risk management: modelling, flood classifications, flood warnings
- Agriculture: on-farm support, financial counselling, business continuity planning, riparian erosion and weeds and pest management

Infrastructure

Framing the problem

State highways were closed from 30 November 2021, with some not able to be reopened until mid-December due to water over the road and significant damage.

- Cunningham Highway: Inglewood to Goondiwindi; Inglewood to Millmerran;
- Gore Highway: Goondiwindi to Millmerran
- Leichardt Highway: Goondiwindi to Moonie
- Barwon Highway: Goondiwindi to St George; Inglewood to Texas.



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Damage was also identified on council operated roads. In some instances, damage was exacerbated on council roads by an increased amount of heavy loads and traffic due to closure of highways. Extensive railway track damage – Sandy Flat turn, Toobeah, before Yelarbon to Inglewood and Goondiwindi to Thallon. Damage to / destruction of internal roads on rural properties, as well as access roads to critical water and sewerage infrastructure. Some parts of the levee in Goondiwindi suffered from erosion and slippage, and understrength pumps in some instances put pressure on the system. The council-owned and managed dog fence received damage and requires clean up and inspection to determine the extent and the way forward to manage this important pest control measure.

Flood damage to sporting and recreation facilities such as the Goondiwindi Motorcycle and Golf Clubs, the sporting association facilities at Gilbert Oval, and the Texas racecourse, including rails and support buildings.

Addressing the problem

- Undertake assessments across impacted areas to ascertain damage extent.
- Inspect and re-open roads and bridges to a safe standard while assessing full reconstruction requirements.
- Repair and/or replace damaged road furniture and signage.
- Determine opportunities for increasing disaster resilience in the road network.
- Undertake reconstruction monitoring of homes and businesses assessed in the immediate response phase as damaged.
- Clean and/or repair damaged council owned fences at

- critical infrastructure sites.
- Undertake repair and resilience works on levee in Goondiwindi.
- Determine resilience building projects for critical infrastructure.

Goondiwindi DRFA Project

Doval Constructions are currently carrying out flood recovery work for TMR throughout the Goondiwindi area.

The project for TMR's Southern Queensland Region involves flood remediation works to multiple roads within the Goondiwindi Regional Council geographic. Works include primarily pavement repair and rehabilitation works.

Subcontractors and Suppliers

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