

Pacific Motorway (M1) Pimpama Interchange (Exit 49) upgrade

The Department of Transport and Main Roads (TMR) is upgrading the Pimpama Interchange (Exit 49) on the Pacific Motorway (M1).

Ongoing, rapid industrial and residential development in the northern Gold Coast area is adding pressure to already busy M1 interchanges. In response to this, TMR is upgrading key exits including Exit 49 at Pimpama.

\$110.463m is jointly funded by the Australian and Queensland governments on a 50:50 basis, with a developer contribution bringing the total project value to \$110.768m as published in QTRIP 2021-22 to 2024-2025.

The upgrade will deliver significant improvements in safety and traffic flow by reducing queuing on the M1, keeping traffic moving through the improved interchange and providing improved active transport connections.

Discussions with the community is currently being sought for the preliminary design.

Key features

- Reduce traffic queuing and travel times by removing the existing roundabouts and replacing them with new, signalised intersections to allow traffic to flow safely and efficiently.
- Move the existing on-ramps and off-ramps away from the main interchange intersections to reduce conflict points and the amount of traffic through the main interchange .
- New signalised intersections at the southwest and northeast on-ramps and off-ramps to facilitate traffic flow.
- Add a new bridge across the M1 with north-bound lanes on the new bridge and south-bound lanes on the existing bridge.
- Create new bike lanes and pathways to provide safer travel choices for bike riders and pedestrians.
- Noise mitigation through the installation of noise walls.

Project benefits



Safety

M1 motorists - by moving cars off the M1 and reducing queuing.

Pedestrians and bike riders - by providing new pathways and signalised road crossings.



Capacity

Increase traffic capacity by constructing a new bridge across the M1 with additional lanes in each direction.



Efficiency

Increase efficiency by improving traffic flow, reducing queuing and conflict points.



Freight

Improve reliability of access conditions for freight and heavy vehicles.



Hydrology

Improve flood immunity of Rifle Range Road, storm water drainage and water runoff quality.



Jobs

Supports an estimated 179 direct jobs over the life of the project



Australian Government

BUILDING OUR FUTURE



Queensland Government

Pacific Motorway (M1) - Pimpama Interchange (Exit 49) upgrade



Project benefits

- Elimination of off-ramp queues on the motorway
- Increased on and off-ramp capacity
- Upgrading roundabouts to signalised intersections
- Shared paths for pedestrians and bike riders
- Improved safety and connectivity between local facilities

Project milestones



Previous consultation

Following community feedback received in 2020 on the concept design, the following improvements have been made to the preliminary design:

- Modified bridge and pavement design to reduce construction time and impacts.
- Increased the clearance of the bridge over the motorway to futureproof the design.
- Changed the alignment to make better use of existing infrastructure to reduce construction time .
- On-ramp north bound from Rifle Range Road location designed to have least possible impact on residents, including; moving the new intersection as far away from residential houses as possible, planting with mature vegetation to provide screening and visual amenity.

Managing project impacts

Managing project impacts is a major priority. The department has been liaising with key stakeholders regarding environmental considerations and to share information as it becomes available.

As part of this process, TMR has undertaken:

- Noise surveys to understand the existing and potential levels of noise around the residential and business areas surrounding the interchange.
- Ecological testing to ensure a current baseline is understood.
- Traffic count surveys and detailed traffic modelling to ensure the design accommodates the most recent road conditions and provides the best possible outcome for the future.
- Review of utilities located in the project area to avoid relocation where possible.
- Geotechnical testing and inspection of high strength rock to inform the most suitable bridge design.



Contact us

Sign up for traffic alerts and project updates by contacting the project team via the details below.

Web: www.tmr.qld.gov.au/projects/exit49

Phone: 1800 317 373*

Email: exit49@tmr.qld.gov.au

Mail: PO Box 442, Nerang, QLD, 4211

* Free call from anywhere in Australia, call charges apply for mobile phones and payphones. Check with your service provider for call costs.

13 QGOV (13 74 68)
www.tmr.qld.gov.au | www.qld.gov.au