

# Gateway Motorway and Bruce Highway Upgrades

## North Brisbane to Moreton Bay Region

### Have your say

#### The current situation

**Significant population growth in Brisbane and the Moreton Bay Region is increasing travel demand on the Gateway Motorway, the Bruce Highway and Gympie Arterial Road.**

There are around 155,000 vehicles travelling between Moreton Bay Region and north Brisbane each day using the Gateway Motorway, the Bruce Highway and Gympie Arterial Road. Demand indicates the traffic levels currently experienced through this important road corridor will increase by around 50 per cent by 2041. Without additional capacity from future upgrades, this vital section of the National Highway will be heavily congested for longer periods, with travel times significantly increasing for motorists.

Some sections of the Gateway Motorway between Bracken Ridge and the Pine River do not meet current motorway design standards and some structures do not meet current design standards for a major freight route. Vehicle manoeuvres (weaving) on the Bruce Highway between the closely spaced Dohles Rocks Road interchange and the Gateway Motorway interchange contribute significantly to incidents and congestion.

There are no northbound entry or southbound exit ramps at the Dohles Rocks Road interchange to connect Murrumba Downs to the Bruce Highway. This means motorists wanting to travel north from Murrumba Downs are required to travel through the local road network to the Anzac Avenue interchange to access the Bruce Highway. Similarly, motorists travelling southbound on the highway are also required to exit at the Anzac Avenue interchange and use the local road network to reach Murrumba Downs and surrounding suburbs. On 3 April 2018 the Australian Government announced a commitment of \$120 million federal funding (on an 80:20 basis) towards a \$150 million project to provide north-facing ramps at the Dohles Rocks Road interchange at Murrumba Downs to provide direct access to the Bruce Highway.

#### Early planning underway

The Australian Government and the Queensland Government have committed a total of \$2.1 billion (on an 80:20 funding basis) for upgrades to the Gateway Motorway (\$1 billion) and Bruce Highway (\$1.1 billion).

The Gateway Motorway, Bruce Highway, Gympie Arterial Road and Dohles Rocks Road north-facing ramps are interlinked in their operation and function. The Department of Transport and Main Roads (TMR) is therefore undertaking an integrated approach to planning to develop a whole-of-network solution for the area, improving network efficiency for motorists and ensuring effective connectivity between different transport corridors.

TMR early analysis indicates introducing north-facing ramps at Dohles Rocks Road interchange as a stand-alone solution would result in increased traffic volumes and weaving which would lead to significant congestion issues and increased travel times to the Bruce Highway during the morning and afternoon peak times. Given the Australian Government's priority to construct north-facing ramps, TMR has identified the delivery of a new road along the North South Urban Arterial (NSUA) corridor between Dohles Rocks Road and Anzac Avenue would reduce the impacts on the Bruce Highway.



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## An integrated approach

TMR has started an integrated approach to planning and consultation to ensure the best outcomes are achieved for the overall transport network and the community. The planning will encompass:

- upgrading the Gateway Motorway (Bracken Ridge to Pine River)
- upgrading the Bruce Highway (Gateway Motorway to Dohles Rocks Road)
- upgrading Gympie Arterial Road (Strathpine Road to Gateway Motorway)
- delivering north-facing ramps (northern connections) at Dohles Rocks Road interchange to the Bruce Highway
- building the North South Urban Arterial corridor between Dohles Rocks Road and Anzac Avenue.

Through this integrated planning approach, optimum network solutions and staging will be determined to ensure whole-of-network benefits in this area.

## These upgrades will:

-  Improve safety on one of Queensland's busiest road corridors
-  Increase capacity and reduce congestion on this important transport route
-  Improve travel time reliability
-  Provide for active transport
-  Improve connectivity and accessibility for local residents.

## North South Urban Arterial (Dohles Rocks Road to Anzac Avenue)

Building a new road along the North South Urban Arterial (NSUA) corridor, between Dohles Rocks Road and Anzac Avenue, will be part of the integrated planning for the Gateway Motorway and Bruce Highway Upgrades. It would provide an alternative route for local traffic, helping to preserve the primary function of the Bruce Highway for inter-regional trips and as a nationally-significant freight corridor by reducing traffic volumes and improving safety. The NSUA would also improve local connectivity between Murrumba Downs, Griffin, Mango Hill and North Lakes.

The NSUA corridor was identified in the late 1990s and early 2000s in response to expected travel demands as the population grew in the suburbs north of the Pine River and east of the Bruce Highway. The corridor between Dohles Rocks Road and Anzac Avenue has been preserved by Moreton Bay Regional Council and TMR.

TMR will work with Moreton Bay Regional Council to continue planning for the NSUA whilst working with the Australian Government for upgrades to the Bruce Highway, Gateway Motorway, Gympie Arterial Road and Dohles Rocks Road north-facing ramps, to ensure an effective, whole-of-network solution is developed for the area.

## Working with the community

TMR is engaging the community as early as possible to provide input into the planning process with community consultation underway.

TMR will continue to engage the community as the planning progresses and provide other opportunities to give feedback.

## Timing

Due to the significant size and complexity of the project area, substantial planning has to be undertaken.

### Planning investigations

TMR has started early planning for the upgrades, which involves identifying the current issues and future network requirements. As part of this, TMR undertakes a broad range of investigations including transport, hydraulic, natural and built conditions, safety, environmental, cultural heritage, legislative and engineering investigations which may involve on-the-ground surveys and desktop analysis.

### Preliminary evaluation and business cases

Following early planning, TMR will develop and undertake a preliminary evaluation of potential solutions with options developed into business cases. The business cases will then determine and recommend a preferred option for the upgrades from an engineering perspective as well as financial, social, legislative and environmental considerations.

### When is construction?

TMR is expecting the business cases for the upgrades to be finalised in 2023. The business cases will determine potential design and construction timeframes, which would then be subject to approval of the business case and available funding.

Consultation with potentially impacted stakeholders will be ongoing, all the way through to completion of project construction.

●	<b>2020</b>	<b>Initial planning and community consultation</b>
●	<b>2021</b>	<b>Preliminary evaluations</b>
●	<b>2022</b>	<b>Business case development</b>
●	<b>2023</b>	<b>Business case finalisation</b>



## Protecting our environment

TMR is dedicated to minimising potential impacts to the environment or areas of cultural significance from transport projects.

TMR will carefully consider the social, economic and environmental sustainability of the Gateway Motorway and Bruce Highway Upgrades and actively engage the community for feedback as part of the planning process.



## Get involved

TMR would like to hear your views on planning for these upgrades and find out what is important to you.

You're invited to participate in TMR's community consultation program and provide your input into planning.

Visit the project website for more information [www.tmr.qld.gov.au/GatewayMwyBruceHwyUpgrades](http://www.tmr.qld.gov.au/GatewayMwyBruceHwyUpgrades)



## Provide your feedback online

Visit the project website to find out more about the project and provide your feedback by filling out the online survey.

**Visit: [www.tmr.qld.gov.au/GatewayMwyBruceHwyUpgrades](http://www.tmr.qld.gov.au/GatewayMwyBruceHwyUpgrades)**

Or to request a hard copy survey to be posted to you please contact the project team.



## Contact us

The project team are available to answer questions and record your feedback.

**Call:** 1800 607 755\* during business hours

**Email:** [GMBHU@tmr.qld.gov.au](mailto:GMBHU@tmr.qld.gov.au)

**Post:** GMBHU Project Team, TMR Metropolitan Region, PO Box 70, Spring Hill, Brisbane 4000

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