

Gateway Motorway and Bruce Highway Upgrades



Noise

FACT SHEET
2023

Overview

Road traffic noise

Potential changes to road traffic noise because of the Gateway Motorway and Bruce Highway Upgrades (GMBHU) project is being considered as part of planning and design phases of the project.

This involves developing a noise model specific to the project and undertaking a detailed road traffic noise assessment to ensure noise is managed appropriately into the future.

A road traffic noise assessment is used to:

- determine the existing acoustic environment
- predict the road traffic noise impact over a 10-year period
- recommend treatments for noise reduction.

The noise assessment and model is developed in accordance with the Transport Noise Management Code of Practice, (the Code) – which is available on the TMR website [Transport Noise Management Code of Practice \(Department of Transport and Main Roads\) \(tmr.qld.gov.au\)](https://www.tmr.qld.gov.au/transport-noise-management-code-of-practice)

The Code (Volume 1) is primarily used to address operational road traffic noise.



Gateway Motorway merge with Bruce Highway, Bald Hills.



At this stage in the planning, potential noise treatments such as noise barriers, will be provided along the road corridor as part of the GMBHU project. The exact location of the noise barriers will be determined during the detailed design phase and prior to construction commencing. In some locations, noise barriers may be on the property boundary. TMR will work with adjacent property owners as planning progresses.

For more information on project timing, visit project webpage tmr.qld.gov.au/projects/Gateway-Motorway-and-Bruce-Highway-Upgrades-North-Brisbane-to-Moreton-Bay-Region

Construction noise

The project will prepare a Noise and Vibration Management Plan in accordance with the Transport Noise Management Code of Practice: Volume 2. The Code (Volume 2) is used to address transport infrastructure construction noise and vibration.

TMR will work with the contractor delivering the works to minimise construction noise as much as practical.



Noise barrier.



Example of a noise monitoring device placed near the most exposed facade of a residential building.

Contact us

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

Phone: **1800 607 755***

(Monday to Friday, 9am–5pm)

Email: **GMBHU@tmr.qld.gov.au**

Web: **tmr.qld.gov.au** and search for 'Gateway Motorway and Bruce Highway Upgrades'

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

