Gateway to Bruce Upgrade (G2BU) project

Fact sheet

Noise

2026

Road traffic noise

Potential changes to road traffic noise from the upgrades are being considered as part of the current detailed design.

Noise investigations will involve developing a project-specific noise model 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 noise environment
- predict the road traffic noise impact over a 10-year period
- recommend treatments for noise reduction.

The noise assessment and model will be developed in accordance with the *Transport Noise Management Code of Practice*, (the Code), which is available on the the Department of Transport and Main Roads (TMR) website **tmr.qld.gov.au/business-industry/Technical-standards-publications/Transport-noise-management-code-of-practice.aspx** The Code (Volume 1) is primarily used to address operational road traffic noise.



Gateway Motorway merge with the Bruce Highway, Bald Hills. Source: TMR.

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Noise barriers

The location of noise barriers will be determined during detailed design. Noise barriers will be designed in accordance with the Code.

Construction noise

TMR will prepare a Noise and Vibration Management Plan in accordance with the The Code (Volume 2) to address transport infrastructure construction noise and vibration.

During construction, TMR will work with the contractor delivering the upgrades to minimise construction noise as much as practical.

Noise barrier. Source: TMR.



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

Contact us

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