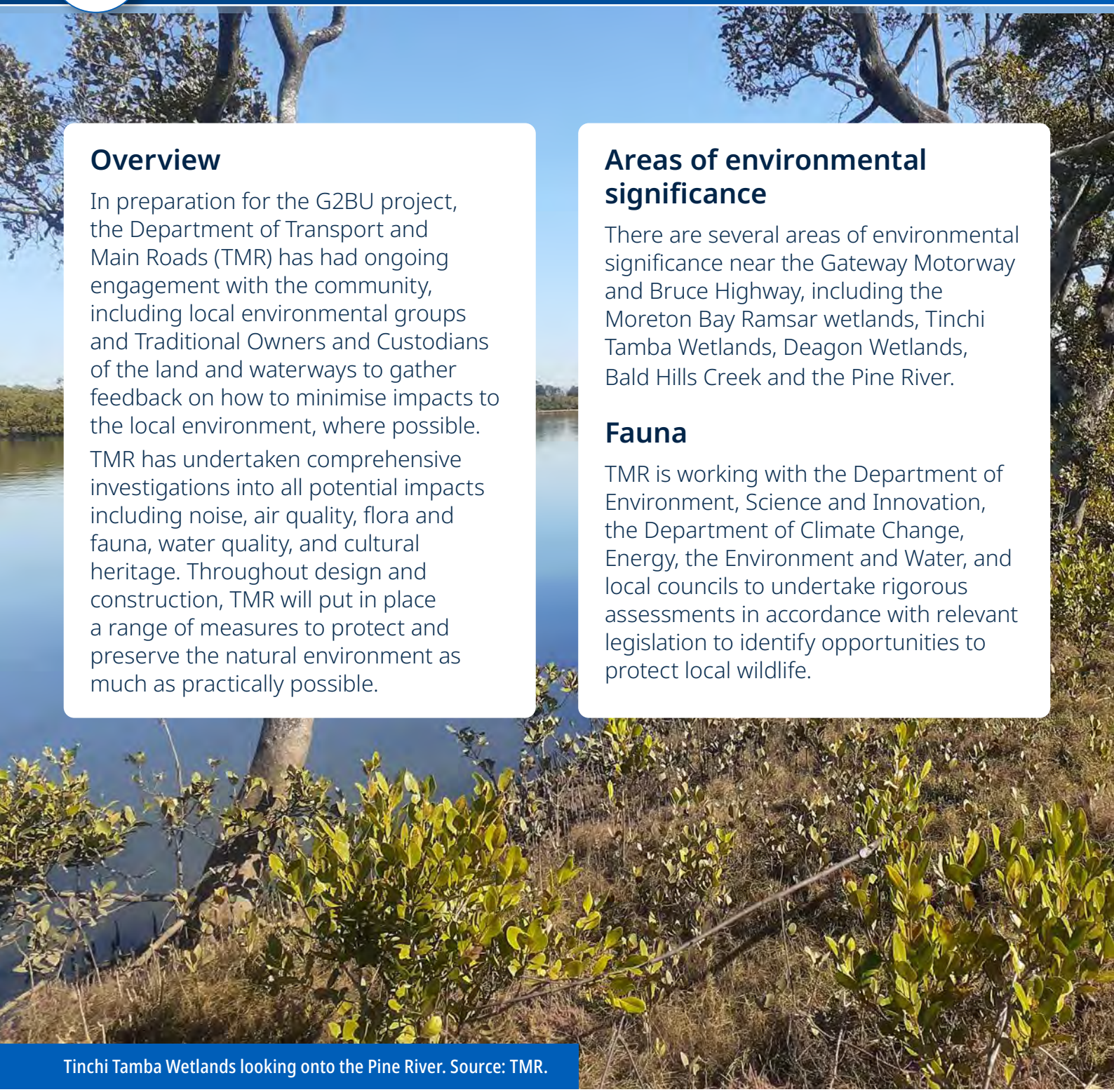
Gateway to Bruce Upgrade (G2BU) project

Fact sheet

Environment

2026



Overview

In preparation for the G2BU project, the Department of Transport and Main Roads (TMR) has had ongoing engagement with the community, including local environmental groups and Traditional Owners and Custodians of the land and waterways to gather feedback on how to minimise impacts to the local environment, where possible.

TMR has undertaken comprehensive investigations into all potential impacts including noise, air quality, flora and fauna, water quality, and cultural heritage. Throughout design and construction, TMR will put in place a range of measures to protect and preserve the natural environment as much as practically possible.

Areas of environmental significance

There are several areas of environmental significance near the Gateway Motorway and Bruce Highway, including the Moreton Bay Ramsar wetlands, Tinchi Tamba Wetlands, Deagon Wetlands, Bald Hills Creek and the Pine River.

Fauna

TMR is working with the Department of Environment, Science and Innovation, the Department of Climate Change, Energy, the Environment and Water, and local councils to undertake rigorous assessments in accordance with relevant legislation to identify opportunities to protect local wildlife.

Tinchi Tamba Wetlands looking onto the Pine River. Source: TMR.

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11178

Fauna connectivity

As part of the business case phase, TMR considered fauna movement infrastructure, including fauna crossings and fauna fences. Where possible, this infrastructure will support fauna connectivity and reduce the likelihood of animals accessing the road corridor in future.

Fauna underpasses are proposed at Bald Hills Creek under the Gateway Motorway, at the Gateway Motorway, Bruce Highway and Gympie Arterial Road Interchange.

Locations for supporting fauna furniture, such as refuge and escape poles and ledges, will be further determined as part of the detailed design.

When determining the location and type of fauna connectivity structures, TMR considers the local landscape/topography, associated vegetation impact, availability of viable habitat on both sides of the road, approach to entry/exit of structures, and the local fauna movement in the area.



Bushland, Mango Hill. Source: TMR.



Fauna fencing. Source: TMR.

Trees and vegetation

TMR is committed to preserving as many trees as possible. Unfortunately, some trees and shrubs will need to be removed. Native trees and plants will be incorporated into the landscape plan for replanting of the project area, once construction is complete. Offset planting will also be undertaken in accordance with legislative requirements.



Koala. Source: TMR.



TMR cultural team excavating. Source: TMR.

Sustainability

TMR will investigate the use of innovative methodologies and sustainable materials throughout the design and construction of the upgrades.

During project delivery phases, TMR considers:

- minimising the use of non-renewable resources
- financial impacts on future generations
- whole-of-life costs of materials
- resilience of existing and future infrastructure
- interactions between the transport system and human health impacts
- minimising contribution to global climate change.

The upgrades will be assessed under the Infrastructure Sustainability Council's (ISC) Infrastructure Sustainability Rating Scheme. The ISC scheme provides an independent, verified assessment of the sustainability of an infrastructure project.



TMR water sampling. Source: TMR.

Cultural heritage

TMR is carefully considering areas of cultural heritage or historical significance in the project area and has undertaken a cultural heritage risk assessment during planning.

TMR is aware of a scar tree, which holds significance in the local Indigenous community within the Bald Hills area. The project design has been developed to ensure this tree will remain and will not be impacted by the upgrades.

Environmental approvals are being progressed with the Australian Department of Climate Change, Energy, the Environment and Water (DCCEEW) assessing the Gateway Motorway (Bracken Ridge to Pine River) and Bruce Highway (Gateway Motorway to Dohles Rocks Road) upgrades under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).

DCCEEW has confirmed the upgrade to be a controlled action that will be assessed by Public Environment Reports. The reports are underway and will be available for public comment following DCCEW assessment.

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