

Building bridges

The Department of Main Roads has established SAFELink Alliance to deliver the Ipswich Motorway Upgrade from Wacol to Darra. Construction is underway and is due for completion in December 2010.

The Ipswich Motorway Upgrade between Wacol to Darra includes the construction of 26 bridges. Some will be built at multi-levels to allow traffic to flow freely at the Centenary Highway Interchange, improving the safety and travel experience of motorists. Other bridges will provide crossings over rail lines and creeks.

Bridge sites

Bridges are specifically designed to suit unique site conditions. The project includes five different bridge sites:

- » 13 bridges at the Centenary Highway Interchange (including six over the Ipswich Motorway)

- » four bridges over Sandy Creek
- » three bridges over Bullockhead Creek
- » four bridges over the Bullockhead Creek Tributary
- » two bridges over the Ipswich rail line.



Our bridges have been designed to accommodate future traffic flow.

W2D-021

Ipswich Motorway Upgrade Wacol to Darra

Bridge design

All bridges are designed to integrate well with the local surrounds, existing infrastructure and to meet technical standards for safety and design.

Design features include:

- » wider, stronger bridges to accommodate future traffic flow
- » an estimated 100 year life span for bridges
- » a 100 year base flood plan.

Bridge building

A large amount of material will be used including:

- » 90 tonne girders (beams), each up to 35 metres long
- » 650 piles driven up to 20 metres into the ground
- » 54,000m³ of concrete
- » 4000 tonnes of steel reinforcement.

Main Roads is committed to minimising the impact on the local community and commuters by putting certain measures in place during bridge construction.

Measures include:

- » using traffic diversions to maintain traffic flow and speeds where possible
- » staging bridge construction so that bridges can be used to assist traffic diversions
- » transporting large prefabricated materials (such as 35 metre girders) at night.



Wider bridges will accommodate future traffic flow.



Contact us

Community Engagement Team

Phone

1800 605 410*

*Higher rates apply from mobile phones and pay phones.
If calling from outside of Queensland, STD rates will apply.

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SMS updates*

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*Visit the website to receive free project updates
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For other Western Corridor transport
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**Please remember that safety around roadworks is a two-way street.
We ask that you drive carefully and responsibly during these construction works.**