

Piling

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.

As part of the Ipswich Motorway Upgrade from Wacol to Darra, Main Roads is undertaking a major transformation of the existing Centenary Highway roundabout into a free-flowing system interchange, including the construction of 26 bridges.

These bridges will rely on piles to form a solid foundation and work has now begun to put these piles in place.



Piling for bridge structures over local waterways.

What is piling?

Piles are built to support a bridge or other structure through softer soil layers onto a strong layer of soil or rock. They form a solid foundation in areas where soil closer to the surface does not have the strength to support a certain structure.

The method chosen for a particular area depends on factors such as soil type and size of the load each pile must bear.

The technique that will be used the most on the Ipswich Motorway Upgrade from Wacol to Darra is 'driven piling'.

Driven piling involves pre-casting the piles, then lifting them into place with a crane. The piling rig then drives the pile into the ground to a predetermined depth.



Ipswich Motorway Upgrade Wacol to Darra

What are the impacts of piling?

Piling can create increased levels of noise and vibration. For this reason, no driving of piles on the Ipswich Motorway Upgrade between Wacol and Darra will be undertaken outside of 7am and 5:30pm on business days.

Minor lane closures during off-peak hours

Due to the length of the piles, they may need to be erected at night to avoid any impacts on the current roadway. During this time, minor lane closures may be required to ensure the safety of passing motorists.



Pitching a pile into a pre-bored hole.



Piling within the Centenary Highway Interchange.

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*

www.wacol2darra.com.au

*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.**