



BRISCONNECTIONS

airportlink

northernbusway

WINDSOR TO KEDRON

airportroundaboutupgrade

Spoil transportation and management

During construction of the Airport Link, Northern Busway (Windsor to Kedron) and Airport Roundabout Upgrade, excess soil and rock, known as spoil, will be generated from excavation activities.

How is excavation undertaken for the Airport Link projects?

A combination of excavation techniques will be used across the project including:

- Tunnel excavation by tunnel boring machines (TBMs)
- Driven tunnel excavation by mining (drill and blast techniques and roadheader tunnelling)
- Open cut excavations, bridge foundations and road works.

What happens to spoil after excavation?

As much excavated material as possible will be re-used as backfill in the construction of the cut and cover tunnels, retaining walls and other earth works structures for Airport Link.

Spoil that is not re-used will be transported via haulage truck or a conveyor system to designated fill sites across South-East Queensland, which have been identified for future commercial development.

How is spoil transported?

Most spoil will be transported from sites via haulage trucks, however a conveyor system will also be used in the Toombul precinct.

In accordance with the Coordinator-General's spoil management and transport conditions, spoil haulage trucks will operate, 24 hours, six days per week between 6.30am Monday and 6.30pm Saturday.

Residents will be advised prior to the commencement of 24 hour spoil haulage operations.

Spoil haulage trucks will use the most direct route to arterial roads from each construction site which will involve the use of some local roads.

Spoil haulage trucks will be clearly identifiable with the Airport Link project to assist the project with the management of trucks.

When Tunnel Boring Machine operations commence at the Toombul site in early 2010, an innovative conveyor system will be used to transport the spoil removed; a method that will greatly reduce the number of truck movements on local roads.



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Airport Link Project
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For further information about the projects:

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