



Lowered motorway construction works

June 2018



Photo: Asphalt works in lowered motorway, May 2018

Lowered Motorway Fast Facts:

The non-stop lowered motorway will provide three lanes in each direction, up to 8 metres below the existing surface of South Road. This design has taken into consideration the future transport needs of Adelaide and allows for connection to other parts of the non-stop North-South Corridor when the adjoining sections of South Road are upgraded in the future.

As at the end of May 2018:

- 21,420 square metres of shotcrete (100%) have been applied to form the retaining walls.
- Approximately 398,000 of 400,000 cubic metres or around 99.5% of material has been excavated and relocated.
- 6080 soil nails have been installed (100% complete).
- Approximately 1,750 fascia panels have been manufactured. The panels are an architectural feature to be installed over the shotcrete walls. Approximately 200 fascia panels have been installed along the motorway.
- Stormwater installation is progressing in the northern section of the lowered motorway.
- Approximately 2200 meters of a total 8445 meters of insitu concrete barriers have been constructed in the lowered motorway to date (around 26% complete).
- Pavement construction in the motorway is proceeding progressively from south to north
- Approximately 15,000 tonne of a total 60,000 tonne of asphalt has been placed in the lowered motorway (around 25% complete).



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Construction of the lowered motorway is approximately 89% complete. The entire length of the motorway, between **Lamont Street, Croydon Park and Susan Street, Hindmarsh**, is open to construction activities.

Debris on the Road

During the winter months, particularly during periods of high rainfall, debris can be deposited on the road by vehicles exiting the lowered motorway. To help eliminate debris from falling on to the road and creating a safety hazard we:

- ensure haul roads in the lowered road are compacted and that stormwater runoff is directed away from the road;
- require vehicles to travel on a defined route when entering and exiting the lowered motorway;
- limit vehicle speeds in the motorway;
- water more lightly to suppress dust and reduce the potential for dragging mud off site;
- monitor the work site for spilt materials and promptly clean if required;
- maintain a hardstand area at site exits to minimise loose material from vehicles exiting the lowered motorway; and
- use street sweepers to regularly clean public roads.

Noise and Vibration

The project is implementing a range of measures to manage the impact of construction noise and vibration, which include:

- providing advance notice of works to residents;
- wherever possible, scheduling the noisiest activities during the day or early evening;
- maintaining machinery to a high standard to reduce noise levels;
- using low noise reversing squawker, instead of the traditional reversing beeper on equipment;
- handling materials in a way that reduces the number of vehicle movements using arterial roads to transport materials to and from the construction zone enclosing stationary small plant and equipment such as generators to reduce noise levels; and
- monitor noise and vibration levels to ensure they do not exceed compliance levels.

For further information about the project, please visit www.t2talliance.com.au, call us on: 1300 794 899 or email at: enquiries@t2talliance.com.au.