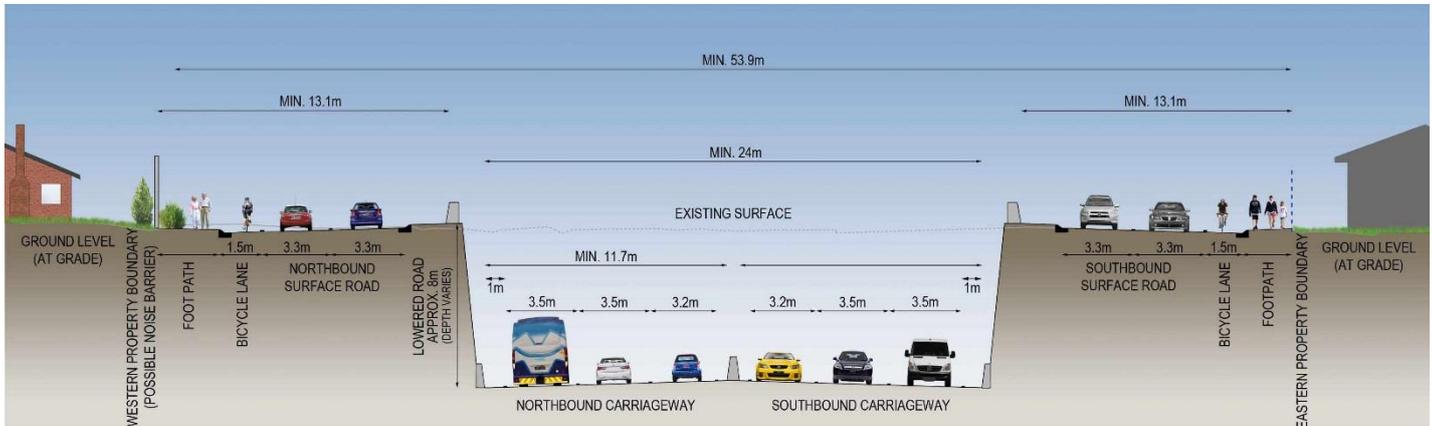




Lowered motorway construction works

April 2018



Concept: Torrens River to Torrens Road cross section

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 February 2018:

- Construction activities are now occurring along the full length of the lowered motorway.
- Approximately 16,000 square metres of shotcrete have been applied to form the retaining walls (around 70% complete).
- Approximately 300,000 cubic metres or around 85% of material has been excavated and relocated.
- Approximately 1,750 fascia panels have been manufactured. The panels are an architectural feature to be installed over the shotcrete walls.
- Stormwater installation is progressing in the southern section of the lowered motorway.
- Laying of the pavement in the lowered motorway has commenced.

Construction of the lowered motorway is approximately 85% complete. The entire length of the motorway, between **Lamont Street, Croydon Park and Susan Street, Hindmarsh**, is open to construction activities. Activities currently underway include excavation and removal of material, wall trimming, installation of stormwater pits and pipes and laying of pavement.

Truck Movements

Trucks traveling in the lowered motorway travel in one direction from south to north. Trucks enter the lowered motorway from the northbound lanes of South Road at Hindmarsh Avenue, West Hindmarsh or from the southbound lanes of South Road at Port Road. Trucks exit the lowered motorway on to the northbound lanes of South Road just south of Overland Road, Croydon Park.

Dust Control

Given the hot dry weather conditions that have occurred, we are aware of the need to be vigilant about the control of dust across the site. To help minimise dust from the excavation and removal of spoil we:



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- limit the number of vehicles and vehicle speeds in the motorway
- water more often to suppress dust and reduce the potential for dragging mud off site
- require trucks to cover loads of excavated materials before leaving the site
- monitor the area for spilt materials and promptly clean if required
- monitor dust levels in areas of high activity, and if required change construction methods to reduce impacts.

Noise and Vibration

Construction noise and vibration on a major infrastructure project cannot be eliminated altogether. The project is implementing a range of measures to manage the impact 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
- monitor noise and vibration levels to ensure they do not exceed compliance levels.

Vibration felt from construction works do not necessarily cause structural damage or damage to your property.

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



Photo: Excavation works within the lowered motorway looking south from Torrens Road – February 2018