



# Noise Attenuation Treatments

March 2016

The South Australian Government is working with the Australian Government to realise a fully upgraded non-stop North-South Corridor. Both governments are working together to build upon the significant amount of planning work that has been undertaken with each contributing \$448 million towards the construction of the \$896 million Torrens Road to River Torrens Project. This includes the recently announced scope extension which includes the section of South Road between Pym Street and Torrens Road in Croydon Park resulting in the grade separation of South Road and Torrens Road and extending the lowered motorway by approximately one kilometre.

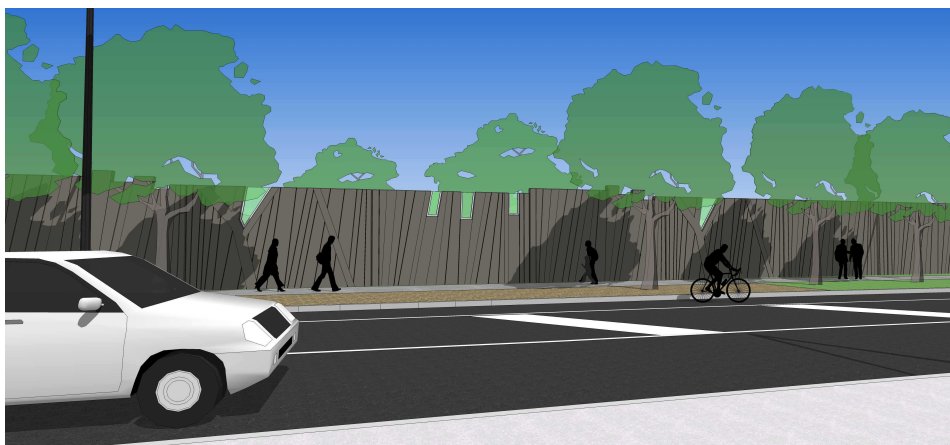
The primary noise attenuation treatment for this project will be noise walls, installed where required, predominantly along the western side of South Road between Hindmarsh Avenue, West Hindmarsh and Royce Avenue, Croydon Park. Noise walls along the western side of South Road will be either 3m or 3.5m in height, depending on the location, and designed to complement the urban design theme for the project and the North-South Corridor urban design framework.

The noise walls will be erected either on existing property boundaries or offset approximately 0.5m to 0.8m from property boundaries, where space permits within the road corridor.

Subject to acoustic assessment, properties may be eligible to receive additional noise attenuation treatments for example, door and window seals.

## Design of the noise walls

Noise walls located along the western boundary of South Road, between Hindmarsh Avenue and Pym Street, will be constructed using precast concrete panels. The concrete noise walls will be coloured 'woodland grey' on both sides and in some areas, have translucent acrylic green insert panels that allow light to spill through and provide architectural relief. The road side will also have a patterned effect similar to the Artist Impression shown below.



*Artist impression of the view of the precast concrete patterned noise walls (road side). The image shows landscaping in its mature state.*



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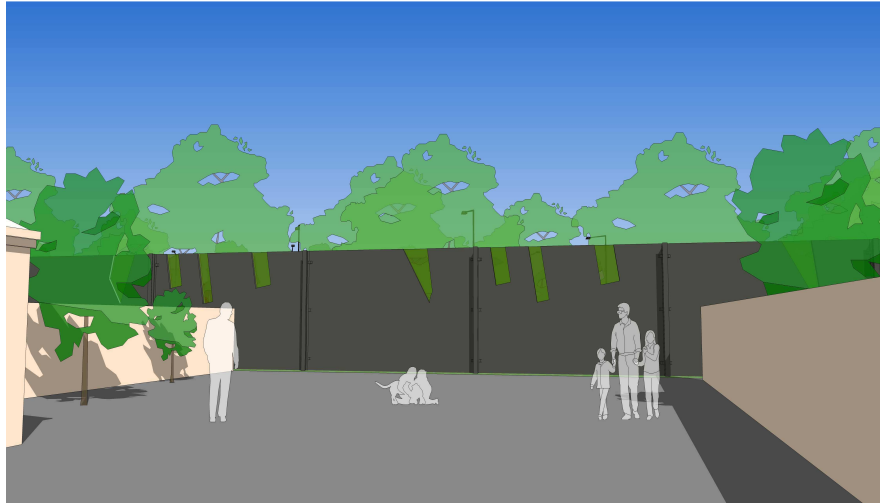
Government of South Australia  
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TORRENS ROAD TO RIVER  
TORRENS PROJECT



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*Artist impression of the precast concrete noise walls (residential side) The image shows vegetation in its mature state.*

Noise wall treatments will be erected for residential properties on the eastern side of South Road where required and will be approximately 2.4m high steel panels.

## Construction timing of the noise walls

Installation of the footings and posts for the precast concrete noise walls on the western side of South Road commenced in January 2016 at the southern end of the project in West Hindmarsh. Post erection will be completed at Torrens Road by April 2016.

Erection of the precast concrete noise panels commenced at the southern end of the project in late February 2016 and will be completed at Torrens Road by mid-2016 before traffic is operational on the new, north-bound surface road.

The construction of the 3.5m high precast concrete noise walls on the western side of South Road, between Torrens Road, Renown Park and Royce Avenue, Croydon Park will commence during the second half of 2016, with completion in early 2017.

The 2.4m high steel panel walls, where required at residential properties on the eastern side of South Road, are also expected to be installed during 2016.

## For construction related information:

Please contact the project information line: 1300 794 899 or email: [enquiries@t2talliance.com.au](mailto:enquiries@t2talliance.com.au) if you have further questions or wish to join the project mailing list. You can also visit [www.t2talliance.com.au](http://www.t2talliance.com.au)



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