

# Regency Road to Pym Street Project

## NOISE TREATMENT FACT SHEET



### NOISE TREATMENT

The primary noise reduction method for the R2P Project is noise wall treatment. Noise walls interrupt the path of noise between traffic and nearby properties.

#### Noise wall treatment

The R2P Project will manage road traffic noise using a combination of three methods:

**Road design:** the use of roadside barriers, low-noise road materials and pavements can reduce noise impacts.

**Noise walls:** providing a barrier between road traffic and nearby properties reduces noise.

**House treatments:** additional treatments and modifications to doors and windows can reduce noise. Eligible properties will be subject to noise modelling.

#### Noise wall locations

Noise walls will be installed between the road corridor and residential properties close to the property boundary in the following locations:

1. South Road - eastern side between Regency Road and Overland Road.
2. South Road - western side between Rugby Avenue and Pym Street.

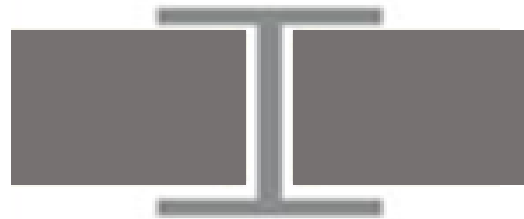
#### Noise wall design

Noise walls will be constructed using precast concrete panels, ranging from 3 – 3.5 metres in height and “oatmeal” in colour. The noise walls connected to the Torrens Road to River Torrens (T2T) area at Pym Street, will be “woodland grey” in colour.

Acrylic inserts are included in the noise wall design. These inserts provide architectural relief to what would otherwise be a solid wall and allow light to spill into the property. Property owners can request their preference to include or exclude inserts in their noise wall and should inform the project team of their preference during property discussions.

Noise wall design has been refined based on feedback provided by property owners from previous projects delivered as part of the North-South Corridor.

Noise wall panels will sit in an ‘I-beam’ visible from both the road and resident side of the wall.



*Overhead view of noise wall panels inserted in 'I-beam'*

#### Installation process and timing

Installation of noise walls will commence as early as possible from mid to late 2020.

There may be some locations where walls cannot be installed until later in the construction program due to storage availability on the construction site, construction staging or access arrangements with landowners.

Noise walls will be installed from the road reserve, wherever possible, to minimise the impacts on private properties.

#### CONTACT

 1300 110 906

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### Noise wall installation process

The noise wall installation process is as follows:

- Noise assessments will be undertaken to determine likely impacts for residential properties;
- Concept noise wall designs will be prepared;
- Property owners and residents will be advised of the noise mitigation approach and timing;
- Precast concrete noise wall panels and steel support posts will be manufactured;
- Preliminary survey of noise wall positions will be undertaken; and
- Affected landowners and residents will be advised of final noise wall design, location and access arranged.

- Preliminary works including boring of post piles will be undertaken.
- Noise wall panels will be painted and installed; existing fences removed and side fences extended where required.
- Houses will receive additional noise reduction treatment where required.

### Contact

The project team identified properties requiring noise wall treatment early into the R2P Project and made contact with property owners to commence discussions regarding noise wall installation.

If a noise wall is being installed at your property and you have not yet spoken with the project team about your preferences, please contact us via the details below.



*Artist's impression of noise wall sections*

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