



PTP
ALLIANCE

OAKLANDS CROSSING GRADE SEPARATION

CONSTRUCTION FACT SHEET

The Oaklands Crossing Grade Separation Project will improve safety for all road users and ease traffic congestion by lowering the rail line under the road and removing the level crossing at the intersection of Morphett and Diagonal Roads.

The \$174.3 million project is jointly funded by the Australian Government (\$95 million), the South Australian Government (\$74.3 million) and the City of Marion (\$5 million), and will be delivered by the Public Transport Projects (PTP) Alliance with the Department of Planning, Transport and Infrastructure (DPTI).

What impacts can be expected?

During the project, the community may experience a number of construction impacts including noise, vibration, dust, mud, light spill (from night works) and increased traffic.

The PTP Alliance takes these impacts seriously and every effort will be made to minimise them. A Construction Environmental Management Plan (CEMP) will be developed to ensure any impacts are mitigated as far as reasonably practicable. Some of the mitigation measures are summarised below.

Noise and vibration

We will use a range of measures to mitigate noise and vibration impacts, including:

- Providing advance notice of works to nearby stakeholders
- Where possible, scheduling intrusive works during the day or early evening.
- Monitoring noise levels prior to, during and after construction
- Using low level reversing squawkers

- Where possible, using arterial roads to transport materials to and from the construction zone
- Enclosing stationary equipment (generators) to reduce noise
- Regularly testing equipment to ensure it is operating at a high standard
- Using small or non-vibratory equipment when possible.

The PTP Alliance will measure vibration levels throughout the project to ensure compliance levels that are set by the Environment Protection Authority are adhered to. It is important to note that experiencing vibrations, does not mean that structural damage will occur to properties.



Vibration monitoring device

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Department of Planning, Transport and Infrastructure



Dust and mud residue

Due to the nature of the project, dust generation and mud residue cannot be entirely eliminated during construction.

Dust is mostly generated from excavation, stockpiling, loading material into trucks, heavy vehicle movement on unsealed areas and wind erosion.

During wet weather, heavy site vehicle movement may result in increased mud residue left on local streets.

We will minimise the dust and mud residue generated by the project through:

- Implementing speed restrictions on unsealed surfaces
- Resurfacing areas as soon as possible
- Watering work areas and stock piles
- Staging works to minimise exposed areas
- Where possible, covering stock piles and transported materials
- Installing grids and rubble at main site entry/exit points to help reduce excess material on tyres
- Using street sweepers.

The PTP Alliance will use dust monitors at strategic locations throughout construction to ensure compliance levels are met.



Water cart used to mitigate dust

Light spill

During night works, temporary lighting is needed to illuminate an area for the safety of the workers and the community.

To minimise spill from light towers, we will:

- Keep the amount of light to the minimum required for safe access and construction activities
- Where possible, direct light towers away from houses.

Traffic flow

As the construction works take place on major roads and next to a live railway station, traffic management plans are prepared to help minimise impacts to road users.

Where possible, the PTP Alliance will schedule road-impacting activities outside of peak times and minimise the duration of temporary road and lane closures.

The PTP Alliance will regularly review traffic management arrangements and ensure that as we progress through the project stages, the traffic continues to flow as efficiently as possible.


Real-time traffic alerts

For real-time traffic information download the addinsight app for Apple or Android or visit the Traffic SA website at www.traffic.sa.gov.au.



More information

To find out more about the Oaklands Crossing Grade Separation project and register for future email updates, you can contact the project team using the details below.

 1300 205 994

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 ptpa.com.au/oaklands