



## Construction Fact Sheet

The South Australian Government has committed \$51 million for the Port Dock Railway Line Project. The Public Transport Projects (PTP) Alliance comprising of McConnell Dowell, Arup and Mott Macdonald, together with the Department for Infrastructure and Transport (the Department), will deliver this project.

The project is expected to support 100 full time equivalent jobs per year averaged over the life of the construction period.

The project will re-establish the spur line, construct a new train station and bus interchange.

### Construction management

During the Port Dock Railway Line Project, the community may experience some construction impacts including noise, vibration, dust, mud, light spill, access changes and traffic delays.

The PTP Alliance takes these impacts seriously and a Construction Environmental Management Plan has been developed to ensure impacts are managed and mitigated as much as reasonably practicable. Some of the management measures are summarised below.

### Noise and vibration

The PTP Alliance will use a range of measures to manage noise and vibration including:

- provision of advance notice of works to nearby stakeholders;
- where possible, scheduling intrusive works during the day or early evening;
- monitoring of noise levels prior to, and during construction;

- monitoring of vibration levels during construction;
- where possible, using arterial roads to transport materials to and from the construction zone;
- enclosing stationary equipment (such as generators) to reduce noise;
- regularly testing equipment to ensure it is operating at a high standard;
- when required, use of small or non-vibratory equipment;
- where possible, use of noise screens to assist with noise reduction; and
- mandatory use of reverse squawker alarms for mobile plant and light vehicles, which are less intrusive than traditional beepers.

We will measure vibration levels throughout the project to ensure compliance with 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.

### Heritage management

There are a number of State Heritage listed buildings and character items within close proximity to the project footprint.

To maintain the integrity of these buildings and structures, the PTP Alliance will implement a range of protection measures including:

- continuous real-time vibration monitoring to ensure compliance with current standards when undertaking works nearby to State Heritage buildings;
- regular inspections; and
- use of alternative plant and associated plant settings with adjustments as required.



*Vibration monitoring device*

### Dust and mud

Due to the nature of the works, dust generation and mud residue cannot be completely eliminated.

Dust is mostly generated from excavation, works in the rail corridor, stockpiling, loading material into trucks, heavy vehicle movements on unsealed areas and wind erosion. During wet weather, heavy vehicle movements may also result in increased mud.

The PTP Alliance will manage dust and mud by:

- resurfacing areas as soon as possible;
- watering work areas and stockpiles;
- staging works to minimise exposed areas;
- covering stockpiles and transported materials;
- installing grids and rubble at main site entry/exit points to help reduce excess material on tyres; and
- use of street sweepers.



*Water carts will be used to mitigate dust*

We will use real-time air quality monitors at strategic locations throughout construction to ensure compliance levels are met.

### Light spill

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

To manage spill from light towers, the PTP Alliance will:

- keep the amount of light to the minimum required for safe access and works; and
- where possible, direct light towers away from properties.



*Light towers will be used during planned night works*

### Traffic management

As the construction works are taking place near and along local roads, there will be some speed and road restrictions in place.

We acknowledge that there will be temporary changes for local road users, and every effort will be made to minimise impacts, as much as practically possible.

Where possible, the PTP Alliance will minimise the duration of temporary road and lane closures.

### More information

If you have any further enquiries or would like to register for project updates, please contact us via the details below.