

Flinders Link Project

Construction Fact Sheet

June 2019

Artist Impression - Flinders Link Project



The Australian and South Australian Governments are jointly funding the \$125 million Flinders Link Project to extend the existing Tonsley rail line to the Flinders Medical Centre, creating new connections to the health, innovation and education precincts.

The project will include:

- A 650 metre extension of the current Tonsley rail line, including an elevated single track over Sturt Road, Laffers Triangle and Main South Road, linking Flinders Medical Centre and Flinders University to the passenger rail network;
- Construction of a new Flinders Station and removal of the existing Tonsley Station; and
- An integrated shared pedestrian/cycle path adjacent the rail line from the new ramp located at the corner of Sturt Road and Birch Crescent to the new Flinders Station.

What can be expected?

During the project, construction impacts can include noise, vibration, dust, mud, light spill (from night works) and changed traffic conditions.

The Flinders Link Project team takes these impacts seriously and every effort will be made to minimise them wherever possible. 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 Flinders Link Project team will measure vibration levels throughout the project to ensure vibration impacts are minimised. It is important to note that experiencing vibration, does not mean that structural damage will occur to properties.

Dust and mud residue

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:

- Minimising speed on unsealed surfaces
- Resurfacing areas as soon as possible
- Watering work areas and stock piles to suppress dust generation
- 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
- Removing loose dirt from construction equipment before it leaves the site
- Using street sweepers.

The Flinders Link Project team will use dust 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 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 properties.

Traffic flow

As the construction works take place near major roads, traffic management plans are prepared to help minimise impacts to road users.

Where possible, the Flinders Link Project team will schedule road-impacting activities outside of peak times and minimise the duration of temporary road and lane closures.

The Flinders Link Project team 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

Advance notice will be provided regarding construction works and activities. To find out more about the Flinders Link Project and register for future email updates, you can contact the project team using the contact details below.

Contact us:

Contact the Flinders Link Project team by:

- Phone: 1300 928 345
- Email: dpti.flinderslink@sa.gov.au
- Visit: dpti.sa.gov.au/FlindersLink

Translation of project information can be provided upon request. Please call the project enquiry line if you wish more details on how to access this service.