

Gawler East Link Road Project

Construction Works Management

Introduction

In 2016, the State Government committed \$55 million to the Gawler East Link Road (GELR) Project.

The project will support planned residential growth in the Gawler East Development area; direct traffic to Main North Road (easing congestion in the Gawler Township); and provide economic and social benefits for residents including local jobs throughout the life of the project.

Construction noise, vibration and dust

The project will involve significant earthworks and road construction, and although mitigation measures will be in place to reduce impacts, there will be some unavoidable noise, vibration and dust present.

Contractors are required to develop a tailored Construction Management Plan (CMP) to identify strategies to be implemented to mitigate the impacts of dust, noise and vibration created by construction activities.

The Contractor shall have an environmental officer that is responsible for monitoring the environmental impacts.

Things to remember

- Experiencing vibration does not mean structural damage will occur to properties;
- Dust monitors are in use to ensure the project meets regulatory standards;
- Noise and vibration is monitored in strategic locations to ensure the project does not exceed compliance levels.

Noise and Vibration Management

The project will use a range of control measures to minimise disturbance including:

- Providing advance notice of works;
- Scheduling the noisiest activities during the day or early evening, where possible;
- Maintaining machinery to a high standard to reduce noise levels;
- Using, where possible, low noise reversing squawkers in preference to the traditional reversing beepers;
- Using arterial roads to transport materials to and from the construction zone;
- Enclosing stationary small plant and equipment (generators) to reduce noise;
- Operating equipment on the lowest effective vibrating setting;
- Maintaining low speed limits for construction trucks and machinery;
- Strategically placing noise and vibration monitoring equipment to monitor and ensure levels do not exceed compliance.

For further information:

Call: 1300 282 939

Email: dpti.gelr@sa.gov.au

Visit: infrastructure.sa.gov.au/gelr



Government of South Australia
Department of Planning,
Transport and Infrastructure



Water truck

What can you do?

To minimise the impacts at your property:

- Close your windows.
- Use draft blockers on doors.
- Use weather-stripping around doors and windows.
- Park undercover if possible.
- Use pool covers if available.
- Hose out air-conditioner filters.



Dust monitor

Dust Management

Whilst some dust is unavoidable during major construction works, every effort is made to minimise its impact by:

- Minimising speed on unsealed surfaces;
- Watering down work areas and stock piles to suppress dust generation;
- Sealing pavement areas as soon as possible;
- Installing grids and rubble at entry and exit points to shake off excess dirt and soil;
- Removing loose dirt from construction equipment before it leaves the site;
- Covering materials being transported offsite;
- Frequently using street sweepers;
- Inspecting public access routes for spilt material and (if required) cleaning promptly;
- Placing dust monitors in strategic locations to monitor dust levels and altering construction methods if required.