

North-South Corridor Darlington Upgrade Project

Managing Construction Impacts

January 2018



The Darlington Upgrade Project is an important component of Adelaide's North-South Corridor, delivering an upgrade of approximately 3.3 kilometres of the existing Main South Road.

To minimise disturbance to nearby properties caused by construction activities, precast concrete noise walls have been erected prior to traffic being diverted onto the new surface roads along Main South Road, between Shepherds Hill Road and Riverside Drive, Bedford Park.

Noise, Vibration and Dust Impacts

Constructing a complex road upgrade project such as the Darlington Upgrade, in an environment surrounded by residents, businesses and traffic, presents a number of challenges.

Construction noise, vibration and dust on major infrastructure projects cannot be eliminated altogether.

The Darlington Upgrade project takes these challenges very seriously and every effort is being made to minimise the impact of noise, vibration and dust.

Local residents, businesses and road users are advised that this project requires a significant amount of earthworks and road construction, which will result in some noise, vibration and dust being experienced.

It is important to note that experiencing vibration does not mean structural damage will occur to properties.



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Noise and Vibration Management

The project utilises a range of control measures to minimise disturbance, including:

- providing residents with 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 low noise reversing squawker instead of traditional beeper
- reducing the number of vehicle movements through planned materials handling
- 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 vibration 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

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

What can you do?

To minimise the impacts at your property you can:

- Close your windows
- Use draft blockers on doors
- Park undercover, if possible
- Use pool covers, if available
- Hose out air conditioner filters

Dust Management

Whilst dust cannot be completely eliminated during construction works, every effort is made to minimise dust during our works 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 cleaning promptly
- placing dust monitors in strategic locations to monitor dust levels and altering construction methods if required



water cart dust suppression

For more information

Call: 1300 759 334

Email: enquiries@gatewaysouth.com.au

Visit: infrastructure.sa.gov.au/darlington

Drop into the project site office:

On the corner of Laffer Drive and Sturt Road,
Bedford Park

The project also supports equitable access to information. Translation of project information will be provided on request.



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