

# FLEURIEU CONNECTIONS ALLIANCE



## Construction Impact Fact Sheet

The Australian and South Australian governments have committed a total of \$685 million to fund the Fleurieu Connections projects, which are being delivered by the Fleurieu Connections Alliance (FCA). This includes the further \$125 million committed by the South Australian Government to deliver on the election commitment for a grade separation at the intersection of Aldinga Beach Road and Aldinga Road, full duplication of Main South Road between Seaford and Sellicks Beach, plus new overtaking lanes between Myponga and Cape Jervis.

### Construction impacts

During the delivery of these projects, the community may experience some construction impacts including noise, vibration, dust, mud, light spill (from night works), access changes and traffic delays.

The FCA takes these impacts seriously and a Construction Environment Management Plan has been implemented to ensure any impacts are mitigated as much as reasonably practicable. Some of the mitigation measures are summarised below.

### Noise and vibration

A range of measures will be used 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;
- 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;
- where possible, using small or non-vibratory equipment; and
- using vehicle reversing beepers.

Vibration levels will be measured 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 vibration, does not mean that structural damage will occur to properties.

### 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 movements on unsealed areas and wind erosion.

During wet weather, heavy site vehicle movements may also result in mud left on local streets.

Dust and mud impacts will be minimised by:

- resurfacing areas as soon as possible;
- watering work areas and stockpiles to dampen any dust, particularly during hot and windy weather;
- covering stockpiles and transported materials;

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- installing grids and rubble at main site entry/exit points to help reduce excess material on tyres;
- using street sweepers; and
- implementing speed restrictions on unsealed roads.

Air quality monitors will be used at strategic locations throughout construction to ensure compliance levels are met.



*Water carts will be 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, the following measures will be introduced:

- keeping the amount of light to the minimum required for safe access and works; and
- where possible, directing light towers away from houses.

### Traffic flow

We acknowledge for large scale infrastructure projects there will be impacts to road users and every effort will be made to minimise impacts, as much as practically possible.

The majority of works will be constructed 'offline' behind the protection of temporary traffic barriers.

This will ensure the safety of workers and road users and to allow traffic to continue to flow during construction.

Some construction works will take place on and near major roads and traffic management plans are in place to help minimise the impact to road users.

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

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

During construction, the FCA will temporarily close some side roads to improve safety. This includes Pedler Road (north) and Thomas Road.

Other side roads may require temporary closures to allow for the 'tie-in' of connections.

The FCA will contact impacted residents, businesses, farms and road users about upcoming road closures and timing.

### More information

For more information, please contact the FCA on the details provided further below.