

Cross Road and Fullarton Road Intersection Upgrade

Construction Impacts Fact Sheet

The Australian and South Australian governments have jointly (50:50) committed \$61 million to upgrade the Cross Road and Fullarton Road intersection. Once complete, the upgrade will improve travel times and road safety, increase intersection capacity and enhance network reliability.

Construction impacts

During the Cross Road and Fullarton Road Intersection Upgrade, the community may experience some construction impacts including noise, vibration, dust, mud, light spill, access changes and traffic delays.

The Department for Infrastructure and Transport takes these impacts seriously and a Construction Environmental 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 number of measures will be implemented to mitigate noise and vibration impacts including:

- provision of advance notice of works to nearby stakeholders;
- where possible, scheduling intrusive works during the day or early evening;
- monitoring noise levels prior to, and 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; and
- where possible, use small or non-vibratory equipment.

Vibration levels will be monitored throughout the upgrade to ensure compliance levels 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.



Vibration monitoring device.

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:

- lighting will be kept to the minimum required for safe access and works; and
- where possible, light towers will be positioned away from houses.

Dust and mud residue

Due to the nature of the project, dust generation and mud residue cannot be completely 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 vehicle movements may also result in increased mud.

Dust and mud impacts will be minimised 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 reduce excess material on tyres; and
- using street sweepers.

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



Water carts will be used to mitigate dust.

Traffic flow

As the construction works are taking place on major roads, traffic management plans will be in place. We acknowledge for large scale infrastructure projects such as this, there will be impacts to road users, and every effort will be made to minimise impacts, as much as practically possible.

Road impacting activities will be scheduled outside of peak times and temporary road and lane closures will be minimised where possible.



Street sweepers will be used to clean roads.

A regular review of traffic management arrangements will occur to ensure that as we progress through the project stages, the traffic continues to flow as efficiently as possible.

More information

To find out more about the intersection upgrade and to register for future email updates, please contact us on the details below:

Phone: 1800 271 168

Email: DIT.CrossFullarton@sa.gov.au

Visit: www.dit.sa.gov.au/cross_fullarton