



Tonkin Highway Extension and Thomas Road Upgrade



Managing Construction Impacts

The Tonkin Highway Extension and Thomas Road Upgrade Project is a major infrastructure project which is designed to improve road safety, reduce congestion, and support future growth in Perth's south-east.

While construction of this scale brings temporary impacts, the project team is committed to managing these disruptions carefully and working closely with local communities to minimise inconvenience.

Managing traffic and access

Maintaining safe and reliable access throughout the construction period is a key priority. There will be some temporary and permanent access impacts while we build this major infrastructure project. We will have the following measures in place to minimise impacts:

- Planning works in sequenced stages to maintain vehicle, pedestrian, equestrian and cyclist access as much as possible.
- Developing traffic plans in consultation with Shire of Serpentine Jarrahdale and neighbouring projects.
- Where possible, completing works and traffic impacts during off-peak or night-time hours to reduce delays.

We understand that traffic in the area is a concern for residents, so further information on any permanent access changes will be communicated as soon as possible.

Emergency access

We will maintain communication with local emergency services of our upcoming construction works. This will ensure any potential impact on emergency access,

including fire access, is identified to minimise disruption to an emergency response.

Working hours

Construction activities for the Tonkin Highway Extension and Thomas Road Upgrade Project are generally carried out in accordance with the Environmental Protection (Noise) Regulations 1997, which permit works between 7:00am – 7:00pm, Monday to Saturday.

To minimise disruption and ensure the safety of both road users and workers, some tasks may need to be completed outside these standard hours, including at night and on some Sundays and public holidays. These out-of-hours works are typically required for activities that:

- involve traffic impacts that may cause delays during normal work areas
- must be completed within tight timeframes for safety or operational reasons
- are weather or schedule dependent.

All out-of-hours work is subject to local government approval and follows strict conditions to manage noise and minimise inconvenience. Impacted residents will receive advance notification ahead of any out of hours activities.

Managing construction noise

We understand that noisy construction works can be disruptive to your daily routine. To minimise the impact on nearby residents and businesses, the project team will implement a range of noise control measures, including:

- Scheduling high impact activities during standard working hours where possible.
- Using vehicles fitted with croakers instead of beepers.
- Maintaining equipment to high standards to reduce mechanical noise emissions.
- Providing advance notice to residents and businesses ahead of particularly noisy works.
- Using the quietest equipment reasonably available for each task.
- Minimising vehicle movements through careful planning of deliveries and haulage routes.
- Intermittent noise monitoring as required.

Vibration management

Some machinery may generate low levels of vibration at various stages of construction. Experiencing vibration does not mean structural damage to a property will occur. The main sources of vibrations on the project are likely to be:

- truck movements
- earthmoving, piling and soil compaction activities
- use of heavy machinery.

To limit the impact of vibration on the community, we are implementing:

- Vibration monitoring as required.
- Use of low-vibration or oscillating rollers near sensitive areas.
- Operating rollers in vibration mode only while moving and switching off when stationary.
- Running vibrating rollers parallel to properties, where possible, to reduce vibration levels.
- Limiting speeds for construction vehicles and machinery.
- Regular maintenance of plant and machinery to minimise vibration output.

These practices are designed to maintain community comfort and ensure nearby structures are protected throughout the construction process.

Dust management

Some construction activities such as excavation, site preparation, vehicle movements on unsealed roads, and wind on exposed surfaces or stockpiles can result in increased dust.

We understand this can be disruptive to nearby homes and businesses, and we are taking active steps to manage and reduce dust throughout the project. A range of proven measures will be implemented to minimise dust impacts, including:

- Using water trucks and sprays to suppress dust on haul roads and work areas where possible.
- Limiting vehicle speeds on site to reduce dust generation.
- Postponing high risk dust activities during periods of strong winds, where feasible.
- Regular surveillance and feedback response to address dust concerns raised by residents or businesses.

- Static dust monitoring at key locations along the project area, with regular data reviews to guide onsite actions.

Communicating with residents and stakeholders

We recognise that construction can affect people's daily lives, and we're taking steps to keep communities informed and connected. This will include:

- Timely information about upcoming works, road closures, and project milestones through emails, on-site signage, website and social media.
- A Customer Information Centre Hotline (138 138) that is answered 24/7.
- Ongoing engagement with residents, schools, community groups, and business owners in areas such as Mundijong, Oakford and Byford to understand specific needs and mitigate impacts.

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Have questions or feedback? Get in touch direct with the Project team.

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