

# TOOWOOMBA SECOND RANGE CROSSING



## Construction

The Australian and Queensland Governments are jointly funding the delivery of the \$1.6 billion Toowoomba Second Range Crossing (TSRC) on an 80:20 funding split arrangement. The TSRC is a 41 kilometre heavy vehicle route to the north of Toowoomba. When finished, it will connect the Warrego Highway at Helidon Spa in the east to the Gore Highway at Athol in the west via Charlton. The project will ensure freight efficiencies and significantly improve driver safety and community amenity by removing heavy vehicles from Toowoomba's CBD.



### Features

The key features of the TSRC include:

- four lanes from Warrego Highway East Interchange to Warrego Highway West
- grade-separated interchanges at Warrego Highway West, Toowoomba-Cecil Plains Road, and Gore Highway
- grade-separated connections to Mort Street and Boundary Street
- an approximately 30 metre deep cutting at the top of the Range, to ensure that all classes of dangerous goods vehicles and heavy vehicles can be accommodated
- an 800 metre long viaduct built east from the New England Highway, crossing over the existing Queensland Rail line
- continuity of the New England Highway through a new bridge over the TSRC cutting.



### Construction areas

The 41 kilometre TSRC alignment will be delivered in three areas:

- East area – Warrego Highway, Helidon Spa to the New England Highway, Mt Kynoch
- Central area – Mt Kynoch to Boundary Street, Cranley
- West area – Boundary Street, Cranley to the Gore Highway, Athol.

Construction work will be carried out at multiple sites concurrently.



### What to expect

During construction, the community may experience:

- intermittent lane closures on local roads with reduced speed limits in place to enable services to be relocated
- increased levels of noise and dust from the use of heavy machinery and equipment
- increased vehicle movements on local roads
- delivery of equipment to the project corridor
- vehicles and equipment with flashing lights and reversing beepers.

**Construction of the TSRC commenced in April 2016, and will take approximately two and a half years to complete. The TSRC is expected to be opened to traffic in late 2018.**



August 2015  
Contract awarded



Late 2015  
Preliminary  
construction activities



April 2016  
Construction  
commenced



Late 2018  
TSRC expected to  
be open to traffic



Australian Government

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**nexus**  
infrastructure  
A greater connection



Queensland Government



### Working hours

Most works will be undertaken during standard construction hours, which are from 6:30am to 6:30pm, Monday to Saturday. The project team will inform residents and businesses in advance if Sunday or out-of-hours works are required.



### Managing construction impacts

During construction of any major project there are impacts and changes experienced by the local community.

There will be some increased vehicle movements, localised noise, dust and vibration during construction. These impacts will be regularly monitored and reduced wherever possible.

Nexus Infrastructure is committed to minimising impacts on local residents during these important works.

#### Dust

Mitigation measures specific for each construction activity will be used to help control dust, including:

- planning activities to ensure machinery and movements generate minimal dust

- covering truck loads when leaving site
- using street sweepers on local roads
- utilising water trucks to suppress dust.

Dust monitors will be placed in and around our construction areas to ensure ongoing high standards of environmental management throughout construction of the TSRC.

#### Noise and vibration

Noise and vibration impacts from construction will be minimised by:

- undertaking noise and vibration monitoring
- careful selection of machinery and planning activities to ensure minimal construction impacts where possible
- providing information to local residents regarding construction activities.



#### Traffic

To ensure the safety of motorists and workforce, changed traffic conditions will be necessary at times, including reduced speed limits, lane closures, delays and detours. Traffic control and signage will be used, as required, to direct motorists safely through the work area.

The most disruptive works (e.g closure requiring detours) are often required to occur at night when traffic volumes are at their lowest and to minimise impacts.

The project team will notify residents and motorists about changed traffic conditions in advance, so they can plan their journey and allow extra travel time.



### Nexus Infrastructure

The Nexus Infrastructure consortium has been awarded the contract to design, construct, operate and maintain the TSRC. The consortium consists of Plenary Group, Cintra, Acciona Concessions, Acciona Infrastructure Australia, Ferrovial Agroman and Broadspectrum. In partnership with the Australian and Queensland Governments, Nexus Infrastructure will deliver the \$1.6 billion road bypass.

### Nexus Delivery

Nexus Delivery is the Construction Joint Venture of Nexus Infrastructure, and is responsible for the design and construction of the TSRC. Nexus Delivery consists of Acciona Infrastructure Australia and Ferrovial Agroman.



### Funding

Nexus Infrastructure has entered into a Public-Private Partnership with the Australian and Queensland Governments for the TSRC. The \$1.6 billion dollar contract to design, build, operate and maintain the TSRC combines private finance with a contribution of \$1.137 billion from the Australian Government and \$321.35 million from the Queensland Government.

This cost covers the full design and construction of the toll road, including road and pavements, cuttings, structures and underground services, plus a 25 year operation and maintenance contract.

Residents can visit the TSRC Visitor Information Centre, located at the project's site office on Bedford Street, Cranley. Opening hours are Monday to Friday, 9.00am – 5.00pm. The centre is also open outside these times by appointment. Visitor Information Booths are open at the Lockyer Valley Cultural Centre and Toowoomba City Library. These displays are open as per each centre's opening hours and will be regularly updated with the latest project information.

For employment and procurement enquiries, please visit the website for further information.

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