

Torrens to Darlington (T2D)

Construction | December 2021

Building the missing link

Set to unlock Adelaide's traffic network, the Torrens to Darlington (T2D) Project is the final 10.5 km section of the North-South Corridor.

Using a combination of tunnels, a lowered and surface-level motorway, as well as overpasses and underpasses at key intersections, the T2D Project will create 78 km of non-stop traffic light-free motorway between Gawler and Old Noarlunga.

By moving thousands of vehicles into tunnels, and bypassing 21 sets of lights, the T2D Project will connect communities across Greater Adelaide. It will ensure people, produce and products arrive where they need to be, sooner and safer, making the T2D Project a positive contribution to businesses, employment, education and the lives of South Australian families.



The T2D Project will support about **4,900 jobs** and inject **\$4.8 billion** into the South Australian economy

Constructing the T2D Project

From inception and planning to opening to traffic, the T2D Project will take 10 years to complete.

- Stage 1, the Southern Tunnels, will join the recently completed Darlington Upgrade Project, connecting Darlington to Anzac Highway, and will be open to traffic in 2029
- Stage 2 will link the River Torrens to Anzac Highway, surface roads and the Northern Tunnels and will be open to traffic in 2030.

Work will be undertaken progressively from south-to-north beginning with the Southern Tunnel, before moving onto the Tunnel Connector, Northern Tunnel and Torrens Connector sections. Both the Southern and Northern Tunnels will be constructed using tunnel boring machines (TBMs). These machines will operate continuously, progressing about 8-10 metres per day.

Laydown areas will be established for the Northern and Southern Tunnels to provide starting points for our TBMs. Earthworks and site preparations will then be undertaken to allow for ongoing construction activities.

These laydown areas will be used to:

- build the re-purposed motorway
- launch and support the TBM's ongoing operation
- enable the removal of underground material obtained through tunnel boring
- store equipment and materials
- provide facilities for construction workers.

Construction materials

The T2D Project will harness an enormous amount of local and imported construction materials to complete the project. This will include 100,000 tonnes of steel, 470,000 tonnes of asphalt, three million tonnes of quarry products, and 760,000m³ of concrete.

When completed in 2030, spoil material generated from tunnelling will amount to more than eight million tonnes.

Construction Environmental Management Plan

The construction contractor will be required to ensure any construction impacts are proactively minimised, monitored and managed.

A Construction Environmental Management Plan (CEMP), prepared by the construction contractor, will set out how impacts will be minimised and monitored. The CEMP will contain specific sub-plans to minimise construction impacts, including:

- construction noise and vibration (including specific plans for night work)
- air quality (including dust)
- flora and fauna protection
- water management.

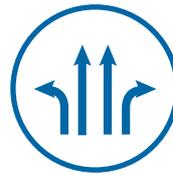
The plans will define construction access and travel routes to minimise traffic and noise for local communities and businesses. Traffic management plans will be developed, implemented and monitored to manage the construction impacts of the Project.

The T2D Project team will ensure a level of access, amenity and functionality for existing business and commercial sites. We will also give adequate notice for temporary access changes.

Keeping you informed

The T2D Project is being delivered by the Department for Infrastructure and Transport and we're committed to keeping everyone informed. We will provide regular updates through direct mail, email notifications, social media and face-to-face community activities.

If you would like to learn more about the T2D Project, please sign up to receive our electronic updates or download one of our fact sheets via: dit.sa.gov.au/torrenstodarlington



Detailed plans will be in place to ensure construction impacts are minimised and monitored

Contact us

 1300 951 145

 T2D@sa.gov.au

Connect with us on social media for updates



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Arabic

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