



OVINGHAM LEVEL CROSSING REMOVAL PROJECT

TORRENS ROAD BRIDGE FACT SHEET

The Public Transport Projects Alliance (PTP Alliance) is removing the rail level crossing on Torrens Road, Ovingham, to improve travel times, connectivity, and safety for all road and rail users. The \$196 million project is jointly funded (50:50) by the Australian and South Australian governments.

Torrens Road bridge

The Torrens Road bridge will be approximately 29 metres wide and approximately 180 metres long. The bridge will have three city bound lanes, two out bound lanes and two approach ramps. The approach ramps will start east of Chief Street and west of Churchill Road.

Concrete road barriers, 1.2 metres high, will be installed in the middle of the bridge to separate city bound and out bound traffic. They will also be installed along both sides of the bridge.

Perforated screens will also be installed in sections along both sides of the bridge and on top of the concrete barriers.

The concrete barriers and perforated screens will have a total height of 2.1 metres.

A separated path (for cyclists and pedestrian) will be provided along both sides of the bridge.

Construction of the Torrens Road bridge

The Torrens Road bridge will be constructed on site, on the northern side of Torrens Road. This construction methodology will reduce the number of construction vehicle traffic movements in the area.

The PTP Alliance is excited to be working with and supporting local businesses through the construction of the bridge structure.

For example, the 16 girders, which are large steel support structures required to support the bridge deck, are being fabricated by South Australian company Bowhill Engineering, using steel sourced from Australian businesses BlueScope and Infrabuild.

Each girder will weigh between 35 to 102 tonnes, with all 16 girder segments weighing approximately 1330 tonnes in total.

The girders will be delivered and installed in pairs over eight weeks between October 2021 and December 2021. A crane will be used to lift each girder into position.

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FACT SHEET | O'VINGHAM LEVEL CROSSING REMOVAL PROJECT

Following installation of the girders, light posts, traffic signage and Closed-Circuit Television will be installed, separate footpaths constructed, and the final layer of asphalt laid. The centre concrete road barriers will then finally be installed to separate the citybound and out bound traffic.



Internal view of a girder prior to first coat of paint



Girder with final paint colour 'Roxby Downs RB10', at Bowhill Engineering in August 2021

More information

For more information, please contact the PTP Alliance via phone 1300 613 533 or email ovinghamcrossing@ptpa.com.au



Artist impression of the Torrens Road bridge, looking south-west (imagery is shown at maturity)

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