



Artist's impression only



**PTP**  
ALLIANCE

## OAKLANDS CROSSING GRADE SEPARATION

# PROJECT UPDATE JULY 2018

The Oaklands Crossing Grade Separation Project will improve safety for all road users and ease traffic congestion by lowering the rail line under the road and removing the level crossing.

The \$174.3 million project is jointly funded by the Australian Government (\$95 million), the South Australian Government (\$74.3 million) and the City of Marion (\$5 million), and will be delivered by the Public Transport Projects (PTP) Alliance with the Department of Planning, Transport and Infrastructure (DPTI).

### Early works complete

Throughout May and June 2018, the PTP Alliance undertook a number of early works in preparation for major project construction.

This included surveying works, installation of temporary fencing,

set up of site compounds, and the construction of a temporary commuter car park which is now open for use.

The project team has also been working closely with utility service providers (including SA Power Networks, APA gas, Telstra and SA Water) to investigate assets and plan for service relocations, to facilitate the project works.



*Dwyer Road Reserve site compound*

### Commencement of major works

June marked the start of major works, with site clearance and preparatory piling works being undertaken from mid-June.

'Piling' is the construction of vertical columns in the ground, using concrete steel or wood, to provide extra ground support to the infrastructure (such as buildings or bridges) that sit on top.

Throughout the project, the PTP Alliance will apply the CFA piling method. Using a piling rig with a large corkscrew-like drill, piles are constructed by drilling a shaft into the ground. Concrete is then injected into the hole and a steel reinforcing cage is inserted into the concrete to form the pile.

Piling works will be undertaken towards the east of the station, where



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the new pedestrian bridge will be constructed, and also either side of Morphett Road, for the vehicle bridge.

Site clearance will continue throughout July in preparation for excavation works for the new station platform, as well as works to facilitate stage 1 of the Morphett Road bridge build.



CFA piling rig

## Preparing for the Morphett Road bridge build

To allow for commencement of the bridge build, a number of works have occurred and will continue, such as:

- Utility service relocations
- Closures of existing pedestrian road and rail crossings
- Installation of two new crossings
- Installation of temporary road diversion and pedestrian footpath
- Relocation of two Morphett Road bus stops
- Relocation of boom gates to align with temporary road diversion.

These works will be completed throughout mid-July. During works, detours, pathway and road lane closures and speed restrictions will apply for safety reasons. Where possible, these works will be scheduled to minimise impacts on peak hour travel.

## The first major traffic switch

From mid-July, the PTP Alliance will start the Morphett Road bridge build, which requires implementation of the first major traffic switch. This traffic switch ensures that Morphett Road can remain open during bridge construction, and at the same time provide a safe and clear construction zone for workers.

All traffic on Morphett Road, adjacent the existing station area, will be diverted to the eastern side of the road, to allow for bridge construction to the west. *Refer to image overleaf.*

This traffic switch will be in place for the duration of the western bridge build, until October 2018. Following this, the second traffic switch will be implemented to facilitate bridge construction to the east. We will provide further information on the second traffic switch closer to the time.

## Continued train and bus services

The existing train station will remain open for most of construction. Throughout the project there will be short, partial closures of the Seaford line in order to complete some works within the rail corridor. Where possible, we will undertake these works during the evening or

on weekends to minimise impacts to commuters.

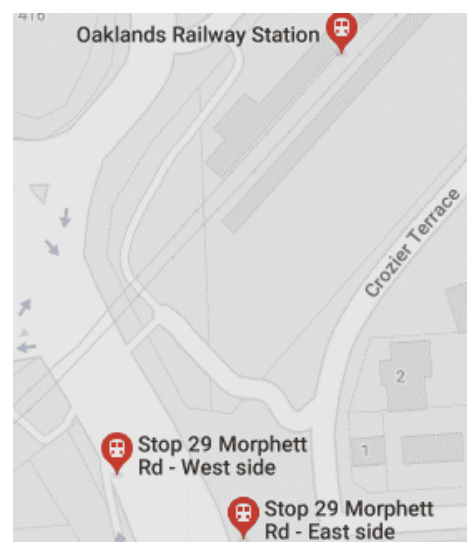
A 2-3 week partial closure of the rail line is planned for the second quarter of 2019. This is required to commission the new station and rail line. We will provide more information closer to the time.

During rail line closures, substitute buses will be made available to provide a continued service. Prior to closures, information will be accessible on the Adelaide Metro website at [www.adelaidemetro.com.au](http://www.adelaidemetro.com.au).

To enable bridge construction works, two bus stops have been temporarily relocated:

- Stop 29 Morphett Road East
- Stop 29 Morphett Road West.

The stops will be located further south on Morphett Road, and bus services will continue throughout construction. The bus shelters at these stops will be removed for construction and shelters will be installed after the bridge is built.



Bus stops relocated during the project



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## Continued vehicle, cyclist and pedestrian access

Temporary fencing is now in place around the construction zone, and from mid-July, for stage 1 of the bridge build, access will be as per the *image overleaf*. **There will be ongoing access changes to facilitate various works. Traffic management and signage will reflect changes and staff will be on site to assist road and path users.**

During the bridge build, the intersection of Railway Terrace and Morphett Road will be temporarily closed for safety. Vehicle and cyclist access to Railway Terrace will be via Dunrobin Road.

Upon project completion, Railway Terrace will have a permanent left turn *in only* traffic change. New traffic signals to be installed at the Dunrobin and Diagonal Roads intersection will support this change.



*Future Railway Terrace traffic change*

## Key future traffic changes

The project will deliver a number of

future traffic changes. Key changes include:

- Two right turn lanes to continue north along Morphett Road
- Removal of the right turn lane into Murray Terrace from Morphett Road
- Diagonal Road pedestrian crossing (near Coles) relocated to new Dunrobin Road traffic signals
- Additional pedestrian crossing installed on Diagonal Road on the northern side of the railway line
- Carlton Street/Johnstone Road pedestrian crossing removed and replaced with pedestrian and cyclist overpass bridge.



*Future Dunrobin Road traffic change*

## Haulage Routes

There will be an increase in truck movement throughout the area, to enable transportation of materials to and from the sites. Where needed, there will be temporary traffic management in place for safe truck access. The project team will monitor the volume of truck movement and where possible, haulage routes will be

spread across a number of streets. Street sweepers and water carts will be used during the project to ensure that streets are kept tidy.

## Community feedback informing the detailed design

Since the community information sessions in March 2018, the project team has continued to receive feedback from the local community.

Key community feedback that has informed the detailed design includes:

- Synchronisation of traffic signals and pedestrian crossings where possible
- 'KEEP CLEAR' painted on Morphett Road at the Murray Terrace intersection
- Traffic signals at Dunrobin Road
- Closure of the Carlton Street/Johnstone Road pedestrian rail crossing
- Increase the number of commuter car parks
- Implementation of native and mature tree species into the landscaping design
- Increase of bicycle storage at the station
- Extension of the station canopy to cover a greater area
- Additional lighting at the station and surrounding area.



*'Keep Clear' painted on Morphett Road, at the Murray Terrace intersection*



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## Real-time traffic alerts

For real-time traffic information download the addinsight app for Apple or Android or visit the Traffic SA website at [www.traffic.sa.gov.au](http://www.traffic.sa.gov.au)



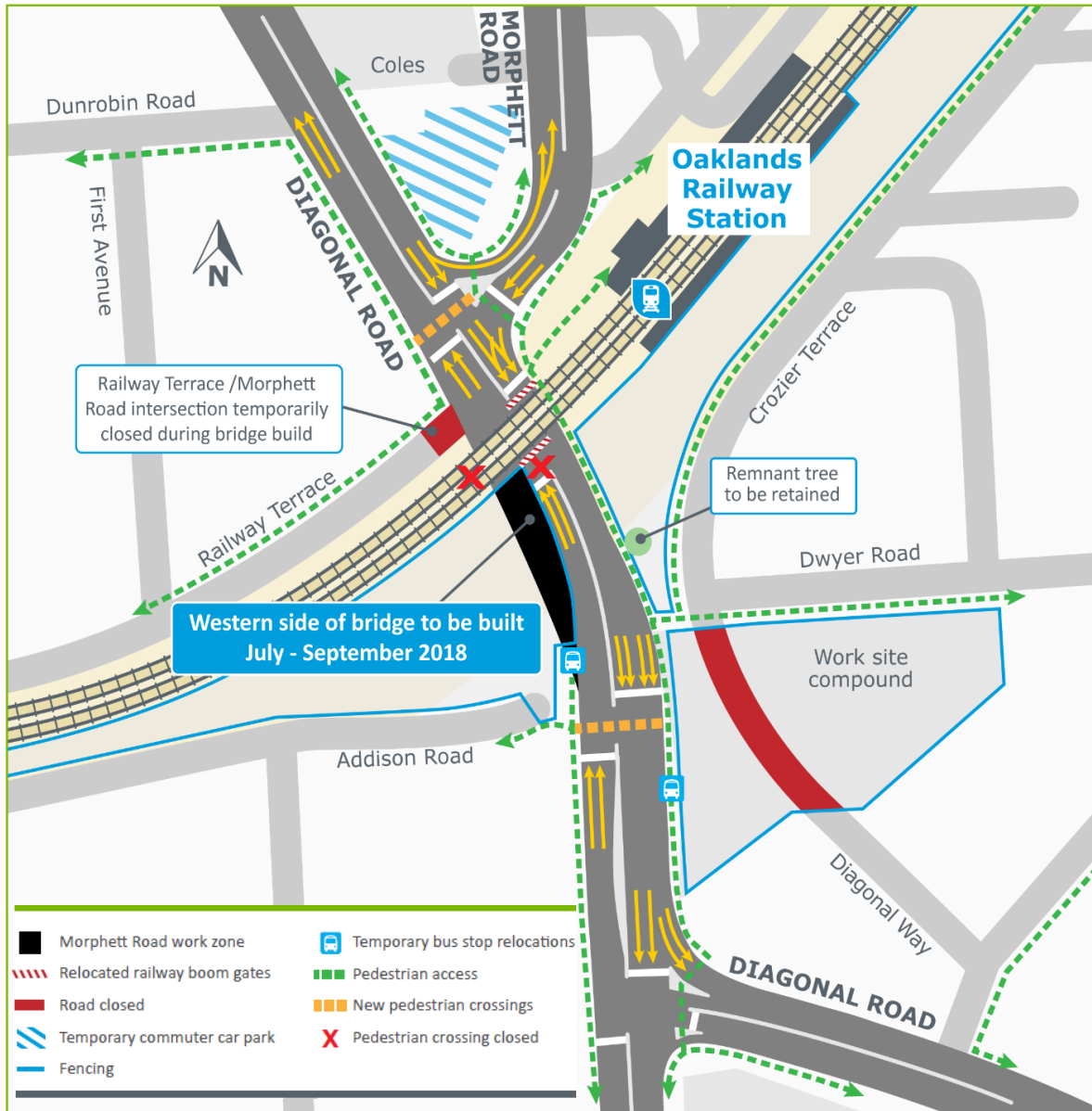
## Support local businesses

The PTP Alliance is liaising with local businesses to ensure work impacts are minimised and concerns are addressed where possible. We ask the community to please continue to visit local business and for commuters to respect private parking and only

park in these areas if visiting the business.

## More information

To find out more about the Oaklands Crossing project and to register for future email updates, you can contact the project team using the contact details below.



*Road diversion access for stage 1 of the Morphett Road bridge build.  
Access will continue to change over the coming months. Signage will be in place and staff will be on site to assist road and path users.  
Please allow extra time when travelling through the area.*



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