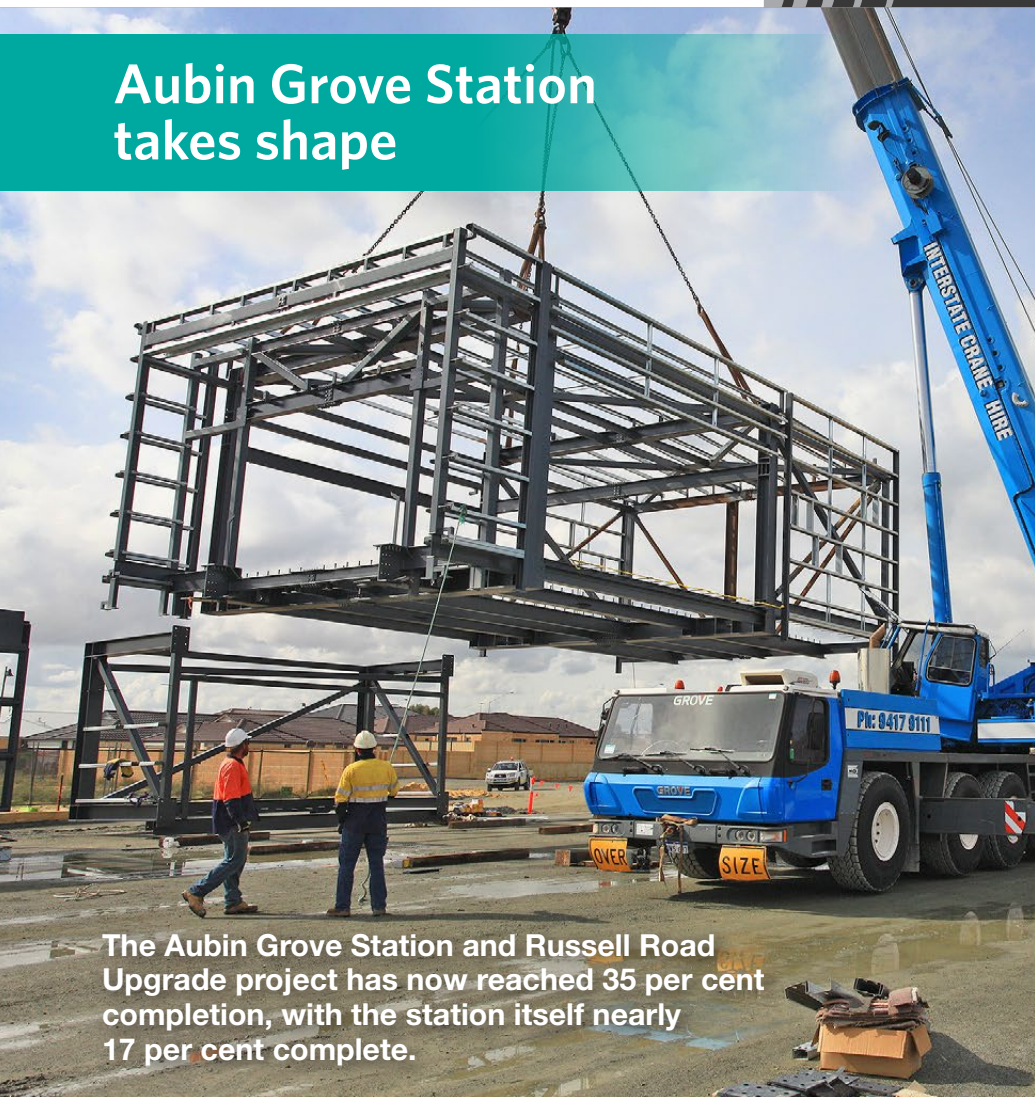




## Aubin Grove Station takes shape



Work is well advanced at the Aubin Grove Station site with significant progress under way at all work areas.

The western car park is a step closer to completion with the pavement and preliminary sealing works under way. Drainage works and conduit installation will also soon be finalised.

The eastern car park has been cleared and the ground has been levelled, ready for pavement construction.

Station modules have arrived on site and will be assembled into larger units and lifted into place next month. The supporting steelwork has been fitted and the platform walls are in place ready to receive the modules.

Focus has now turned to preparation for the major works in June, when the concourse station modules, pedestrian footbridges and Russell Road beam spans will be lifted into place. More information on these works can be found on pages 2 and 3.

The Aubin Grove Station and Russell Road Upgrade project has now reached 35 per cent completion, with the station itself nearly 17 per cent complete.

## Russell Road update

The Russell Road Upgrade is progressing well, with significant works under way in preparation for the installation of the beams for the new bridge over the freeway.

The crane to lift the bridge beams in place is expected to arrive in late May followed by the beams themselves in early June.

Work will continue through May and June on:

- Completing the bridge abutments and central pier in preparation for installation of the bridge beams.
- Constructing the underpass extension under Russell Road and a section of the Principal Shared Path (PSP) that runs parallel to Kwinana Freeway southbound.
- Earthworks on both Gibbs Road and Russell Road.



*Progress on the Russell Road duplication*



## The results are in

Last month we conducted a survey seeking your feedback on the Aubin Grove Station and Russell Road Upgrade project. Thank you to all members of the community who took the time to complete the survey. Here's what you had to say.

Out of the **372** respondents, **299** feel positive about the Aubin Grove Station and **65** per cent say they are likely to use the station once it opens.

Feedback also indicated that the community wants more updates via email. If you haven't already, please register for regular email updates via the PTA website:

<http://www.pta.wa.gov.au/projects>

# June Works



To build the new Aubin Grove Station and upgrade the Russell Road Bridge, major construction activities are needed over three consecutive weekends in June. The works will have significant impacts on the Kwinana Freeway and the Mandurah Line.

The work will see the installation of the Aubin Grove Station concourse building, pedestrian footbridges and the bridge beam spans for the Russell Road Bridge. To safely complete the work part of the Mandurah Line will be closed and freeway traffic will be diverted around a small section of the Kwinana Freeway.

The first diversion will take place from the evening of Saturday June 11 until the morning of Monday June 13 and similarly, over the June 18-20 and June 25-27 weekends.

Motorists and Mandurah Line passengers will need to plan their travel. We suggest considering alternative travel arrangements, avoiding Russell/Gibbs Road, allowing extra time if you must use the Kwinana Freeway, or finding an alternative route.

There are different impacts and timings for the freeway and the rail line so please check the details below and at right.

## Weekend 1: June 11 - 13

The first weekend of work will involve two large cranes on the Kwinana Freeway's northbound lanes. Work involves the installation of the Aubin Grove Station concourse building modules and the western beam spans of both the Russell Road Bridge and the station's pedestrian footbridge.

### Road impacts: 9pm Saturday June 11 – 4am Monday June 13

Kwinana Freeway northbound traffic will be diverted over the freeway using the Russell Road off and on ramps. Two lanes of traffic will be maintained during the diversion, with appropriate traffic management and speed reductions.

Russell Road Bridge will be closed to all traffic. Southbound freeway traffic can exit at the off ramp to Russell Road and turn left only onto Gibbs Road – no right turn will be available. The southbound Kwinana Freeway on ramp will also remain open. Motorists west of the bridge will detour via Hammond Road (north to Beeliar Drive) and those to the east will detour via Tapper Road (north to Beeliar Drive) or Lyon Road (south to Rowley Road).

### Rail impacts

The Mandurah Line will be closed between Cockburn Central and Rockingham stations, with train replacement buses operating between the two stations from **first service on Sunday June 12** to last service that evening.



## Weekend 2: June 18 - 20

The second weekend of work will also involve two large cranes on the Kwinana Freeway, but this time on the southbound lanes. The eastern beam spans for both the Russell Road Bridge and the station's pedestrian footbridge will be installed.

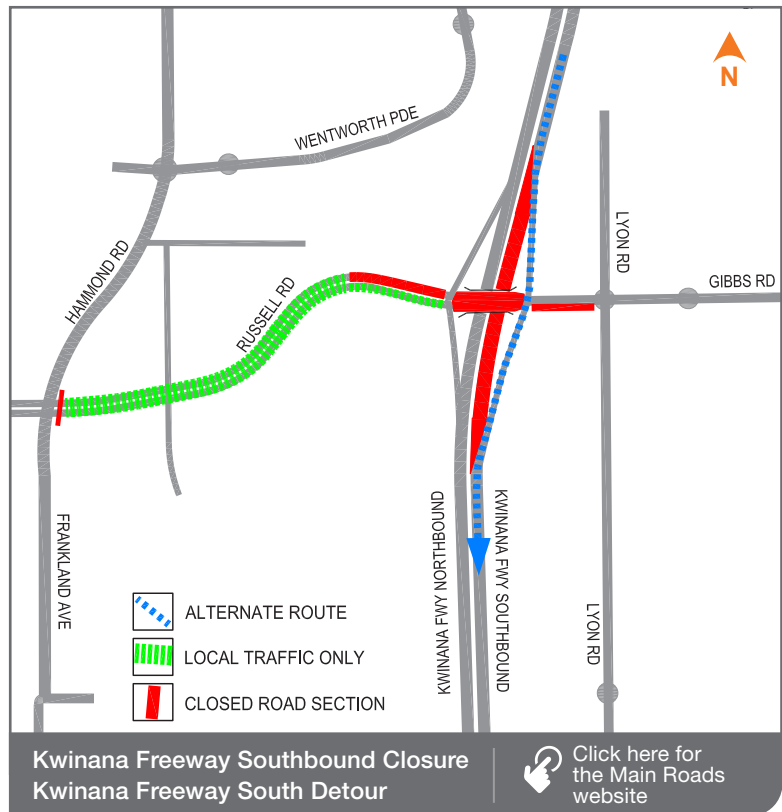
### Road impacts: 9pm Saturday June 18 – 4am Monday June 20

Kwinana Freeway southbound traffic will be diverted over the freeway using the Russell Road off and on ramps. Two lanes of traffic will be maintained during the diversion with appropriate traffic management and speed reductions.

The Russell Road Bridge will be closed to all traffic. Northbound freeway traffic can exit at the off ramp to Russell Road and turn only left onto Russell Road – no right turn will be available. Motorists west of the bridge will detour via Hammond Road (north to Beeliar Drive) and those to the east will detour via Tapper Road (north to Armadale Road) or Lyon Road (south to Rowley Road).

### Rail impacts

The Mandurah Line will be closed between Cockburn Central and Rockingham stations with train replacement buses operating between the two stations from **first service on Sunday June 19** to last service that evening.



## Weekend 3: June 25 - 27

The final weekend of work will see the installation of the walls for the station.

### Road impacts: 9pm Saturday June 25 – 4am Monday June 27

The impacts for this weekend are the same as June 11-13.

### Rail impacts

The Mandurah Line will be closed between Cockburn Central and Rockingham stations with train replacement buses operating between the two stations from **first service on Sunday June 26** to last service that evening.

The Aubin Grove Station will be built using a modular method, where sections are made off-site and craned into place during the weekend works. To safely complete the work a section of the freeway must be closed, and the overhead power on a small section of the Mandurah Line must be switched off.

The three weekend diversions have been meticulously planned. The alternative was months of freeway disruptions over the life of the project. The work has been purposely planned to take place during off-peak time to minimise the impacts to road and rail users.

*When completed in early 2017, Aubin Grove Station will help cater for the fast growing communities in Perth's southern suburbs. The Russell Road upgrade will help reduce congestion in these developing suburbs.*

# Why?



## Landscaping

The landscaping design for Aubin Grove Station is under way.

Western Power has strict requirements in regards to the high voltage transmission lines that run through the car park. Therefore the PTA is restricted as to where and what types of flora can be planted in the western car park. The restrictions mean that only low-level screening is allowed in the vicinity of the western car park.

Between the eastern and western car parks, 17 different species of trees and shrubs will be planted, including Balga Grass Trees, Coral Gums, Royal Poinciana, Grevillea Gin Gin and Firewood Banksia. The species chosen are native to the area and are low maintenance.



Outside the western car park, along Lauderdale Drive, a line of trees (likely to be eucalyptus) and shrubs will be planted within the road reserve. The shrubs in this area will not be taller than one metre to meet our passive security requirements, thereby increasing visibility and keeping crime prevention guidelines in mind.

## Speaking June lifts with Site Superintendent Dave Rennick



### What do you love most about your job?

The people I work with and get to know. The challenges along the course of the project and the end product are something that we will all be proud to have worked on.

### What is the next project milestone?

Over three weekends in June we will construct crane pads for the Aubin Grove Station concourse module lifts, as well as the Russell Road Bridge on the Kwinana Freeway's north and south bound lanes. This enables the crawler cranes to lift the modules and bridge beams into place. This significant work means the Mandurah Line and a section of freeway will be closed at different times over these weekends.

### Why is it being done this way?

Building and installing the train station in modules speeds up the construction process and minimises the number of shutdowns needed on the Mandurah Line and the freeway, compared to the station being built in a conventional method.

### How heavy are the modules being lifted into the station site?

The first section of the footbridge weighs in at 105 tonnes, and the bridge beams are 190t each.

### What sort of machinery is required for the lifts?

We will be using a range of machinery to carry out these works, including 600t and 400t crawler cranes to complete the lifts, along with a grader, loaders, positracks, telehandlers, franna cranes, side tippers, rollers and rail track machines.

### What is the next step for the project?

Once the lifts are complete, we will begin installing the concrete slabs for the concourse and footbridges, followed by service installation, finishing works and bridge deck pours along with the guard rails.

We will also carry out road works to the Russell and Gibbs roads off-ramps as well as the widening of the roads to line up with the new configuration of the Russell Road Bridge.

## MORE INFORMATION

We will keep you informed as work progresses on the project, including any impacts to local residents, roads or Transperth service disruptions.

If you haven't already, you can register for project updates under the **projects** page at [www.pta.wa.gov.au](http://www.pta.wa.gov.au)

In the meantime, if you have any questions or concerns, we're here to help. Just email us on [projects@pta.wa.gov.au](mailto:projects@pta.wa.gov.au)



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