

Forrestfield-Airport Link

METRONET

REDCLIFFE STATION

WHAT'S HAPPENING IN MY ZONE?

Issue#8 | March 2020

Construction of a new roundabout at the corner of Second Street and Boulder Avenue in Redcliffe will begin this month. The roundabout will facilitate a smooth and safe transition for vehicles turning into the station's new car park.

In an effort to minimise disruption to local residents and motorists, construction will occur in four stages. It is expected it will take about three months to complete the works, which will include installation of stormwater drainage, road works, new paths and street lighting.

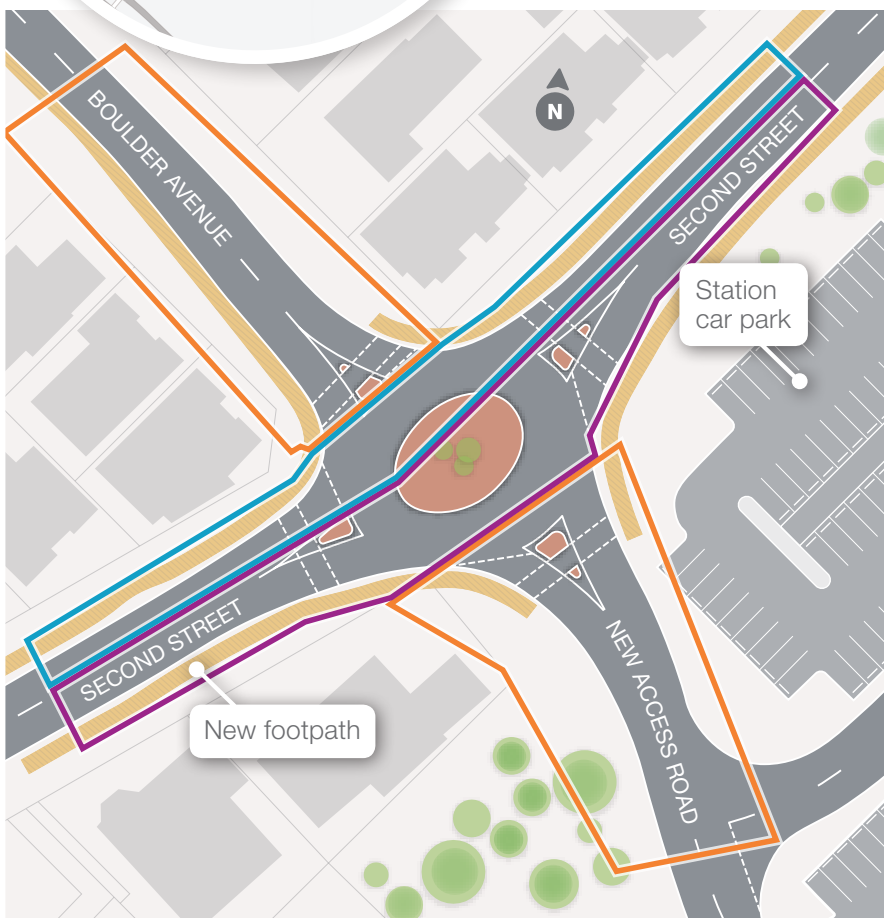
Traffic management will be in place, including a speed limit reduction to 40km/h.

The first stage of works will be at the eastern end of Boulder Avenue. Access from Boulder Avenue to Second Street will be closed for about two weeks and road users will need to use Kanowna Avenue. A local primary school is located on this street so please take care, particularly during school pick-up/drop-off times.

While works are taking place on Second Street, traffic will be reduced to one lane, however traffic management will be in place to provide access for both north-east and south-west traffic.

Stages of works

- **Stage 1** Boulder Avenue and entry to car park
- **Stage 2** Second Street north-east bound
- **Stage 3** Second Street south-west bound
- Stage 4** Roundabout installation and final works.



Major milestone for the project

After 32 months of tunnelling, tunnel boring machine (TBM) Grace arrived at her final destination, Bayswater Junction, last month.

Throughout her tunnelling journey, Grace tunnelled under water through more than 7.5km of varied and challenging geology, including under live rail lines, airport runways and below the Swan River. Around 4500 tunnel rings have been installed, to depths of up to 26m.

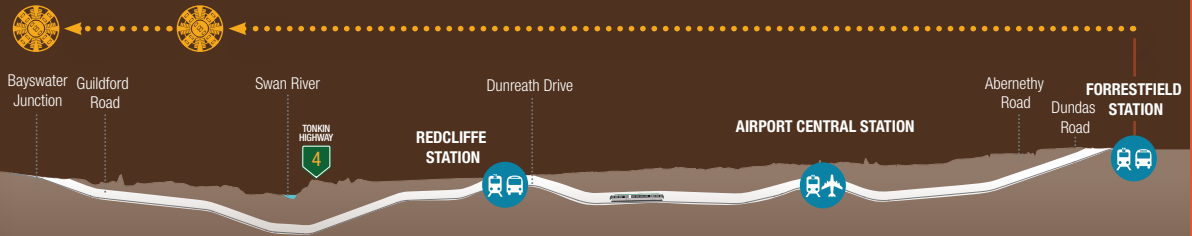
TBM Grace is now being dismantled and craned out of the dive structure. Some parts will be returned to the TBM manufacturer Herrenknecht for reuse.

TBM Sandy is expected to make her final breakthrough in May.



TBM Grace being dismantled at Bayswater Junction.

Tunnelling update



The area within the station box will start being cleared once tunnelling is completed (above). The eastern ground slab (below).



Station works

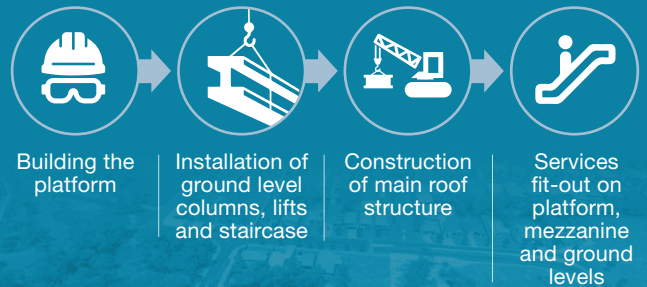
With tunnelling support for TBM Sandy ongoing at Redcliffe Station, workspace is limited within the station box. Once tunnelling is completed in May, the area can be cleared and installation of the platform will commence.

Recently more than 80 cubic metres of concrete was used to close up the 380 square

metre opening in the station's eastern ground slab. Down the track this area will be part of the station's forecourt.

2020 look ahead

Following the completion of tunnelling, a sequence of works will commence and start to see the station take shape.



Track laying

Laying rail for the project will be done in two halves. The starting point for each section is Redcliffe.

The first section to be installed will be Redcliffe to Forrestfield. This work will commence mid-year.

The other half of the alignment will be laid from Redcliffe to Bayswater and is scheduled to commence around November.



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