

# Redfern Station Upgrade

## New Southern Concourse

PROJECT NEWSLETTER

March 2022



*These pictures were taken during our Christmas possession and show the extensive progress on the footbridge including the newly installed bridge canopy, and bridge extension on platform 8/9 with lifts and stairs.*

### What's happened over the last three months?

Since December, significant progress has been made on the New Southern Concourse including the installation of the rail overpass bridge extension, canopy and lift shafts. We would like to thank our local community for your understanding and patience as we deliver this important project.

Some of our major milestones are highlighted below.

#### Station area and platforms

- installation of lift shafts on platforms 2/3, 6/7 and 8/9
- installation of rail overpass bridge extension on platform 8/9
- work to reinstate the platform 1 heritage building
- installation of stairs on platforms 6/7 and 8/9
- installation of entire bridge canopy
- work started to install roofing on the bridge, stairs and rail overpass extension on platform 8/9.

#### Marian Street

- lift shaft preassembly for platforms 6/7 and 8/9
- bridge canopy preassembly and construction of launching equipment
- work continued for the electrical building
- start of construction for the new Marian Street shared zone.

#### Little Eveleigh Street

- start of construction of the new Little Eveleigh Street shared zone
- investigation and mapping of underground service routes
- removal of existing road material, such as concrete and asphalt
- start of construction to install stormwater drainage.

## Innovation drives canopy launch

The Redfern Station Upgrade team is always looking for ways to innovate and explore new technologies to carry out work.

During the installation of the canopy roof over the New Southern Concourse, the team used an innovative technology to install the canopy.

This was an Australian-first which involved using a pulley system over a rail environment to install the canopy in stages.

The installation process was complex and required the project team to work two mid-week nights per week for three months to complete. This is because the work could only be completed when trains were not running between 1am and 4am.

In order to build the canopy, each piece was pre-assembled in the Marian Street compound. These pieces were loaded onto a launch pad and pulled along the bridge using the pulley system. Each piece was then pulled into position and bolted to existing steel on the bridge.

Now that the canopy structure is in place, the internal fit-out has started and will be completed during standard construction hours and trackwork weekends.



*Photo: the final installation of the bridge canopy structure at Redfern Station in December 2021.*

For more information call **1800 684 490**, email [projects@transport.nsw.gov.au](mailto:projects@transport.nsw.gov.au) or visit [transport.nsw.gov.au/redfern](https://transport.nsw.gov.au/redfern)

For urgent enquiries or complaints regarding construction activities, please call 24 hours **1800 775 465**  
Mail to: Redfern Station Upgrade – New Southern Concourse, PO Box K659, Haymarket NSW 1240  
Reference No: SSI-10041



## Sustainability in practice at Redfern

To help the project achieve its water quality objectives, a 10-metre-wide underground rainwater tank has been installed at the Marian Street compound.

Delivering and installing a rainwater tank of this size into a busy inner-city location was certainly a challenge, however, the environmental and sustainability benefits it provides for the future of Redfern Station and our environment was well worth the effort.

Installation of the water tank required excavation and reinforcement to ensure its safe and precise placement and was lifted in via a crane. The location of the tank in the compound was carefully considered to ensure optimal efficiency for rainwater collection and to enable construction work to continue within the compound.

The water tank can hold an impressive 27,000 litres of harvested rainwater. Its robust, lightweight and water sensitive design can assist in reducing the demand on our main and drinking water supplies by collecting harvested rainwater. This is made possible by runoff from surfaces such as roofs and paved areas.

In addition to this, the extra water collected will return to another drainage system. This means that anything that isn't collected in the rainwater tank isn't wasted.

The water tank will be up and running in the Marian Street compound by mid-2022.



*Above: the water tank in place within the Marian Street compound and almost ready to harvest rainwater.*



*Above: the delivery of the water tank into the Marian Street compound and the crane in the background about to lift it into place.*

### Contact Us

For more information or to subscribe to project updates:



Project information line: **1800 684 490**



24/7 construction response line: **1800 775 465**



[projects@transport.nsw.gov.au](mailto:projects@transport.nsw.gov.au)



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## April 2022 to June 2022 forecast

To minimise disruption to train services and for the safety of the community and workers, weekend work is completed during scheduled trackwork weekends. The table **below** provides an overview of the weekends scheduled for the project over the next three months.

This work may be noisy at times, and we will implement measures to reduce potential impacts such as turning off equipment when not in use and where possible using noise blankets. We will also notify residents directly where a direct noise impact is expected to occur closer to the time of impact.

### Quarterly look-ahead: Upcoming weekend and night work at Redfern Station April to June 2022

Upcoming weekend and night work	Scope summary <i>further details provided closer to the time</i>	Construction location
2am Saturday 2 April to 2am Monday 4 April	Installation of platform, canopy, stair roofing and platform resurfacing	Across various platforms 1 to 10 and at the North Eveleigh and Marian Street site compounds.
10pm Thursday 14 April to 2am Tuesday 19 April	Installation of platform, canopy, stair roofing and platform resurfacing	
2am Saturday 7 May to 2am Monday 9 May	Installation of platform, canopy, stair roofing, installation of lift shafts, electrical work, general bridge work and platform resurfacing	
2am Saturday 14 May to 2am Monday 16 May	Installation of platform, canopy, stair roofing, installation of lift shafts, electrical work, general bridge work and platform resurfacing	
2am Saturday 21 May to 2am Monday 23 May	Installation of platform, canopy, stair roofing, installation of lift shafts, electrical work, general bridge work and platform resurfacing	
2am Saturday 11 June to 2am Monday 13 June	Installation of platform, canopy, stair roofing, installation of lift shafts, electrical work, general bridge work and platform resurfacing	
2am Saturday 25 June to 2am Monday 27 June	Activities include installation of platform, canopy, stair roofing, installation of lift shafts, electrical work, general bridge work and platform resurfacing	

### Mid-week night work

To minimise disruption to customers and community, inaudible out of hours work will take place at the Marian Street compound and behind Platform 1 to pre-assemble lift components during mid-week nights and weekends.

In addition to this, out of hours work activities are required for material and equipment removal, deliveries, concrete pouring, pre-assembly of lift components and electrical work. These works are not expected to be noisy and will occur up to two nights per week.

Work will also continue during this period in standard construction hours. We understand working out of standard construction hours may cause disruption, with all efforts made to minimise impacts where possible. We will keep the community informed closer to these dates when the work activities, potential impacts and timing for each weekend are confirmed. If you have any questions or feedback on these dates, please contact us at [projects@transport.nsw.gov.au](mailto:projects@transport.nsw.gov.au) or **1800 684 490** by **17 March 2022**. For any urgent complaints or enquiries, please contact us on 1800 775 465.

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