

More Trains, More Services

Mascot Precinct Update

April 2022



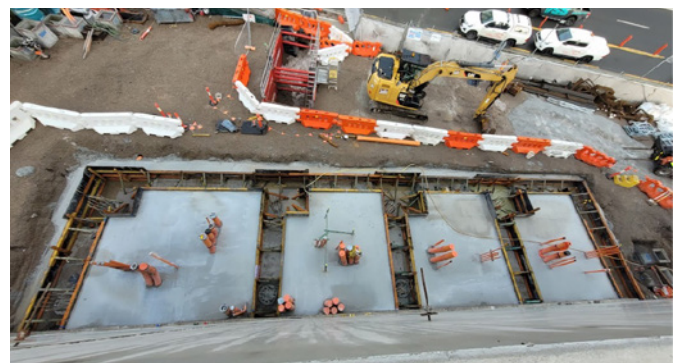
Work is progressing in Mascot

Transport for NSW is continuing construction within the Mascot precinct of the Mascot Station Upgrade and the Mascot Power Supply Upgrade as part of the More Trains, More Services program.

Last month there were a number of changes in and around Mascot.

The Mascot Power Supply Upgrade project team continued work to prepare the retrieval shaft site for the breakthrough to the T8 Airport Line, progressed on the structural fit out and concrete walkway pour of the cable tunnel underneath Bourke Road and continued to build the substation at 166 O’Riordan Street (including concreting, electrical work, roofing, and structural steel construction).

The Station Upgrade team installed the temporary gantry crane that will service the construction site and commenced the excavation and concrete works for the ground floor slab of the future western station entrance. Works also continued within Mascot Station, with the new toilet amenities constructed on the concourse. The old toilet facilities have had hoarding installed in preparation for demolition.



View from the substation roof looking at the substation transformer bays currently under construction



Progress on the southern building of the substation prior to the recent roof installation



Electrical fit out of the interior of the substation has commenced

What's planned during April?

Planned construction activities for the Mascot Power Supply Upgrade include:

- Preparing the base of the retrieval shaft site for the breakthrough to the T8 Airport Line
- Continuing the fit out of the cabling tunnel underneath Bourke Road
- Continuing to build the substation at 166 O’Riordan Street (including concreting, electrical work, roofing, and structural steel construction)
- Delivery and installation of power transformers for the substation at 166 O’Riordan Street.

Works planned for the Mascot Station Upgrade include:

- Concreting the ground floor slab
- Excavation of the new western entry
- Installation of drainage within the site compound
- Installation of temporary ventilation and dewatering plant and equipment
- Demolition of the old toilets on the concourse
- Installation of services within the station
- Installation of structural supports within the station.

Mascot Station Upgrade – Bulk Excavation

The team will be undertaking the main excavation works, which involves removing material from the future western station entry, loading the material onto trucks and removing this from site. All up approximately 2,500 cubic meters of soil will be excavated between April and October. You will notice additional truck movements during the day as we undertake this work. This work will be completed with smaller excavators and a telescopic excavator.

As we continue the excavation of the new western station entry there may be some noise, dust and vibration impacts associated with these works. We will take every possible step to minimise impacts including noise and vibration monitoring and dust suppression.

Gantry Crane – now on site

During March the gantry crane was delivered and installed in the site compound on Bourke Street, within Etherden Plaza.

The gantry crane is required for the lifting of construction materials and equipment and will be used for the construction of the new western station entry in the plaza area.



Progress at Mascot Station

New façade design for Mascot substation finalised

Work on the structure of the new electrical substation building at 166 O’Riordan Street Mascot is progressing well. When complete, power for the increased services on the T8 Airport line will be supplied from this substation.

The original design and layout of the substation buildings detailed in the Review of Environmental Factors (REF) will be retained, however an architecturally designed, bespoke security fence and louvres will now be installed around the exterior of the substation site.

The substation facade was developed following feedback from Transport for NSW Design Review Panel.

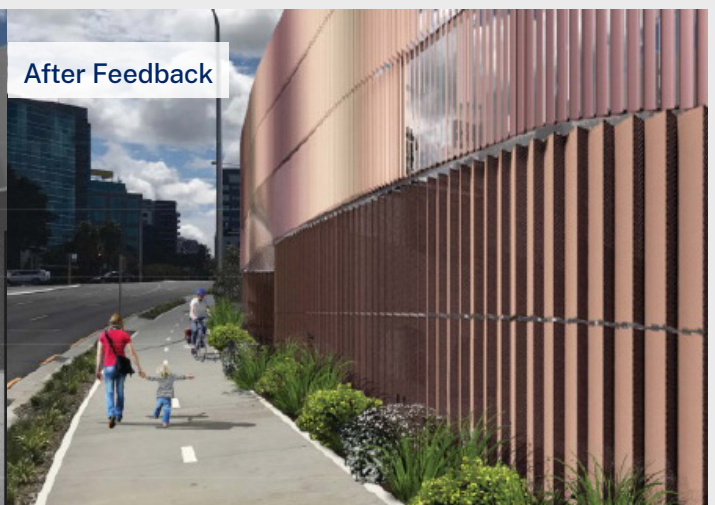
The improved design of the façade considers the location of the substation on a highly prominent site at an important intersection – effectively the gateway to Sydney from the airport. The facade treatment of the substation will be a highly visible element in the public domain and needs to make a positive contribution to the urban realm.

The new façade treatment is consistent with the emerging character in this part of O’Riordan Street which is of robust scale consisting of relatively large floor plates and tall campus style buildings.

Construction of the facade will commence in April and is expected to be complete in late 2022.



Original Design



After Feedback

The façade will feature a 10.5 metre high articulated screen around the perimeter consisting of an upper screen made of lightweight elliptical aluminium louvres; and a lower screen made of robust metallic panel. Images of possible adjacent developments are also shown. Please note all images are Artist impressions and are subject to detailed design.

When will work take place?

Standard construction hours for both projects within the Mascot Precinct are 7am to 6pm Monday to Friday and 8am to 1pm on Saturdays.

Upcoming Out of hours work

Station upgrade work

Throughout April there will be out of hours deliveries of equipment for the excavation work. The dates for these will be notified for in advance.

On occasion during April there will be out of hours work inside the station within the hoarding area. There will be no noise impacts associated with these works.

Retrieval Shaft in Bourke Street

To allow for the team to carry out the necessary penetrations using a core drill between our retrieval shaft and Mascot Station and seal the remainder of the shaft the team will be working on **Saturday 2, Sunday 3, Saturday 9 and Sunday 10 April 2022 from 7am till 6pm** in order to minimise disruption to train customers and Mascot Station operations.

Substation site – 166 O’Riordan Street and site compound at 200 O’Riordan Street

In order to carry out the fit out of the substation and cable tunnel at 166 O’Riordan Street the project team have submitted an out of hours application allowing them to work **7am till 6pm each Saturday from 2 April 2022 till 24 September 2022.**

These out of hours works will be carried out primarily within the substation structure and a minimal amount of machinery will be in operation during this period. Our site compound at 200 O’Riordan Street will be used to transport equipment and materials. These works are not expected to be noisy.

On **Saturday 2, Sunday 3, Saturday 9 and Sunday 10 April 2022 from 7am till 6pm** the project team will be undertaking structural installations and concreting at 166 O’Riordan Street in preparation for the delivery of transformers later in the month. The concreting and structural installations for the substation at 166 O’Riordan Street may finish after 6pm, due to late deliveries. If this is forecasted by the project team, we will notify our nearby neighbours.

The delivery and installation of the power transformers for the substation at 166 O’Riordan will be carried out between **6pm and 7am, Tuesday 19 April and Wednesday 20 April 2022.** Due to road and safety regulations, the southbound lanes of O’Riordan Street will be closed and a diversion in place for a crane to mobilise and lift the transformers into the site compound.

The T8 Airport Line project team will be using the Mascot Station entrance to carry out cabling and signalling work inside the Airport Line tunnel. The work will occur from **1am, Saturday 30 April through to 2am, Monday 2 May 2022.** During this time, the project team will utilise the 200 O’Riordan Street site compound for the purpose of a laydown and stockpiling area.

Should any work be scheduled out of standard construction hours at night, including oversized deliveries to site, we will contact residents who may be impacted by this work.

Completion of all work is dependent on a number of factors including weather and site conditions and is subject to change.

If you would like a member of the team to contact you to answer any questions, please email your details to projects@transport.nsw.gov.au with **Mascot Precinct Works** in the heading or call **1800 684 490** and leave your contact details.


Shop local at Mascot

Transport for NSW encourages you to support local businesses during the construction of the Mascot Station Upgrade.


During April why not visit the following local business along Bourke Street: Mr. Nam, Northern Chinese Cuisine, Spice Thai Cuisine Mascot, The Coffee Club, Taisho Japanese Restaurant, Mr. Lei, MGM Martin, Domino’s and Teaser.

Contact us

For more information or to subscribe for project updates:

 Project information line: **1800 684 490**

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

 projects@transport.nsw.gov.au

 www.transport.nsw.gov.au/mtms

Translation



If you require the services of an interpreter, please contact the Translating and Interpreting Service on **131 450** and ask them to contact Transport for NSW on **1800 684 490**. An interpreter will assist you with translation.