

More Trains, More Services

Mascot Precinct Update

June 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.

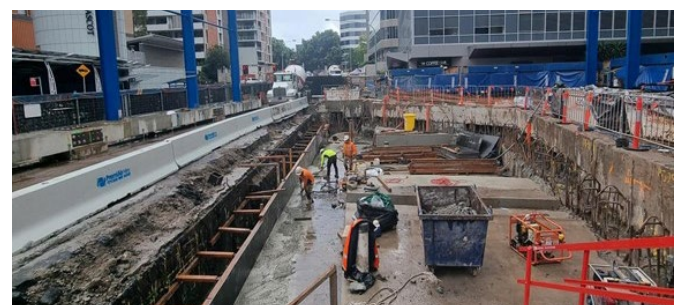
During May, the Mascot Power Supply Upgrade project team completed the breakthrough from the retrieval shaft to the T8 Airport Line, progressed on the fit out of the cable tunnel underneath Bourke Road and continued to build the substation at 166 O’Riordan Street (including concreting, electrical work, roofing, and structural steel construction) and delivered and installed the power transformers for the substation at 166 O’Riordan Street.

The Station Upgrade team completed construction of the ground floor slab. Construction of the slab will also provide the construction team with additional space to work off as they continue the “top-down” construction of the new western entry. The structure’s design requires the team to wait two weeks for the slab to “cure” and gain sufficient strength prior to the next stage of excavation. During this time, the team will be installing the dewatering and ventilation equipment to allow them to safely excavate out the new structure (see break out box overleaf).

Works within the station also progressed well, with the team completing the demolition of the old male and female toilets, installation of services and laying of additional tiles within the concourse area. This will now allow the team to commence installation of the revised gate line, which will result in a doubling of the Opal gate capacity at Mascot Station.



Progress on the substation.



Progress on the Mascot Station Access Upgrade during May.

What's planned during June?

Planned construction activities for the Mascot Power Supply Upgrade include:

- 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)
- Concreting and structural reinforcement for the retrieval shaft.

Works planned for the Mascot Station Upgrade include:

- Installation of dewatering plant and equipment
- Installation of ventilation plant and equipment
- Excavation of the new western entry
- Structural steel installation in the new western entry
- Installation of water monitoring devices within the site
- Installation of services within the station
- Installation of additional Opal gates to the new gate-line
- Refurbishment of the demolished male and female toilet area and
- Installation of structural supports within the station.

During June you will notice additional truck movements during the day as we continue bulk excavation of the future western station entrance.

As we continue 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. From mid-June to November, excavation activities will occur below the water table, exposing acid sulphate soils. These soils oxidize on the presence of air and create sulphur dioxide, which can produce an odour which may be noticeable. While it may be unpleasant, it is not toxic or harmful. To help mitigate any impacts the project team will ensure air ventilation systems with scrubbers will be in place on site and as required, scent cannons will be used to freshen the surrounding air.

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 work on the Mascot Station upgrade

Dewatering

As the new diaphragm wall has been completed, the structure has now been sealed off from the surrounding area. This allows for the removal of water (or dewatering) within the new structure only, without affecting the surrounding water table. This will in turn ensure safe excavation of the soil and construction of the new concrete floors within the structure.

The dewatering strategy for the new western entry has been devised by experts in the field, and consists of four deep wells that sit inside the new western entry structure connected to pumps and lines that will slowly feed water to a treatment plant located to the rear of the site. Once treated the water is tested and safely discharged into the local stormwater system. The system also has a series of piezometric monitoring wells that sit both inside and outside the structure that allow the team to monitor ground water levels in real time.

Ventilation

Due to the nature of “top down” construction, the team will be excavating material from within the structure with the ground floor slab in place. To mitigate risks to workers in this restricted space, the team will be installing a temporary ventilation system. The ventilation system consists of a fan that will force air into the structure under positive pressure, and another ventilation unit called a “scrubber” that will work under negative pressure to effectively suck air out of the structure, creating a system that will frequently replace all the air within the work zone. The scrubber unit also contains a large array of filters that are designed to remove dust and other particulates from the air prior to it being discharged.

The equipment used to complete these activities includes excavators, posi-trak, crane, tipper truck, saw cutter, trucks, non-destructive digging truck, concrete pump, core drills, jackhammers, ventilation equipment, dewatering equipment and powered hand tools.

Progress photos – Mascot Station Access Upgrade



Steel fixing the ground floor slab on the Mascot Station Access upgrade work.



View of the Mascot Station Access upgrade work showing progress on the ground floor slab construction.

Progress photos – Mascot Power Supply Upgrade



Substation power transformer being craned into the 166 O'Riordan Street substation site.



All substation power transformers delivered and placed in position for future cable connection.



Breakthrough from the retrieval shaft base through to the T8 Airport Line Tunnel.

Upcoming out of hours work

Station upgrade work

Throughout June there will be out of hours deliveries of equipment for the excavation work. We will notify you in advance of these deliveries.

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

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 until 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.

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. The following cafes and restaurants are open and accessible via the footpath along Bourke Street.



Taisho Japanese Restaurant
Shop 6/8 Bourke St, Mascot (02) 8668 4961

Teaser
Shop 10/8 Bourke St, Mascot 0468 998 802

Coffee Club
Shop 4/8 Bourke St, Mascot (02) 8959 4172

Domino’s
Shop 9/8 Bourke St, Mascot (02) 8339 3420

Mr Lei
Shop 7/8 Bourke St, Mascot (02) 8339 4744

Mr Nam
Shop 1/8 Bourke St, Mascot (02) 8386 5748

Northeastern Family Chinese Restaurant
Shop 2/8 Bourke St, Mascot (02) 8060 6815

Spice Thai Cuisine
Shop 3/8 Bourke St, Mascot (02) 8339 4838

LAST MONTH TO USE YOUR VOUCHERS



The NSW Government Dine and Discover vouchers have been extended to 30 June 2022 and can be used for takeaway and deliveries.

You can apply for vouchers by visiting:

<https://www.service.nsw.gov.au/transaction/apply-dine-discover-nsw-vouchers>

Looking for delivery options?

Restaurants and cafes along Bourke Street, Mascot are affiliated with Deliveroo, Doordash, Eatapp.online, Hey You, Menulog and UberEats.



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.