

# Notification – Orchard Hills Metro Station and the Stabling and Maintenance Facility

Sydney Metro is Australia's biggest transport project.

June 2024

Sydney Metro – Western Sydney Airport is the new metro railway line which will service Greater Western Sydney and the new Western Sydney International (Nancy-Bird Walton) Airport. A city-shaping project, the 23-kilometre new railway will connect the new Western Sydney Aerotropolis City Centre in the south, with St Marys in the north – where customers can connect to the existing Sydney Trains suburban T1 Western Line. The NSW and Australian governments have a shared objective of having Sydney Metro – Western Sydney Airport operational when the airport opens for passenger services.

CPB Contractors and United Infrastructure are delivering the Surface and Civil Alignment (SCAW) works. CPB Contractors Ghella are delivering Stations Boxes and Tunnelling (SBT) and Parklife Metro consortium are delivering the Stations, Systems, Trains, Operations and Maintenance (SSTOM) works. See the list below for the work activities at Orchard Hills during June. See map for the work locations.

## Stations, Systems, Trains, Operations and Maintenance works include:

- Bulk earthworks, including geotechnical testing and environmental controls across the SMF and Orchard Hills Metro Station sites, as well as delivery of quarry materials, stockpiling, and filling of the main site areas
- 132KV electrical package commencement with excavation and installation of conduits at SMF
- Drainage materials deliveries (pipes and pits) and commencement of the drainage installation package of works at the SMF
- Ongoing piling, waterproofing and associated works (pile trimming), including delivery of pile cages and concrete deliveries to Orchard Hills Metro Station site
- Crane pad runway formation on the western side of the station box at Orchard Hills Metro Station site.

## Surface and Civil Alignment works include:

- Construction of the access road off Lansdowne Road, deliveries, and placement of oversized infrastructure
- Import of sandstone material and export of excess spoil at Blaxland Creek, Patons Lane and Unnamed Creek
- Ongoing surface formation and earthworks for the track alignment between Lansdowne Road and the Warragamba Pipelines
- Construction of the concrete Viaduct abutments (on/off ramp) at Orchard Hills and Patons Lane South
- Finishing works Including topsoiling, landscaping and Installation of open drains and fencing, continue.

## Station Boxes and Tunnelling works include:

- Site wide concrete works, including formwork, for various structures
- Tunnel boring machine segments transported to Claremont Meadows
- Commissioning and operation of a water treatment plant
- Delivering and removing plant and equipment and installing tunnel dive structure drainage and concrete formwork
- Safely removing hazardous materials, in line with SafeWork NSW and Environment Protection Authority guidelines, and Sydney Metro health and safety procedures
- Site photography using drone cameras above the construction site.



## Out-of-hours work activity includes:

- Utilities, surveying, geotechnical investigations, ongoing deliveries of over-sized equipment, machinery, and materials
- Oversize over-mass deliveries of piling rigs, mobile cranes and tower crane components
- Steel fixing, formwork, waterproofing, concrete pours and dewatering
- 132kv conduit installation, drainage, and bulk earthworks
- Viaduct Installation at Unnamed Creek and over Patons Lane
- Abutment steel fixing and Formwork Installation at Patons Lane South.

## Work hours:

Standard construction hours are **Monday to Friday** from **7am** to **6pm** and **Saturdays** from **8am** to **1pm**.

Activities associated with tunnelling will operate **24 hours a day, 7 days per week**.

Some work will also be required to take place outside our standard construction hours to minimise traffic impacts or to ensure the safety of pedestrians, motorists, and our workers. Out-of-hours work activities will be carried out in line with the project Environmental Protection Licence, Road Occupancy Licences, and Transport for NSW requirements.

*Impacted surrounding residents and businesses will be notified in advance of any out-of-hours work.*

## What to expect:

- Work may generate some noise, but impact is expected to be minimal
- An increase in small to medium sized vehicles entering the project alignment site via Kent Road (Gate K2) at Orchard Hills Metro Station site, Patons Lane and Lansdowne Road
- Communication will be limited to radios only when moving and unloading equipment, with no use of horns or loud radios.

## Equipment used:

Equipment used will include, but is not limited to, excavators, cranes, dozers, graders, rollers, vacuum truck, water carts, heavy and light site vehicles, watercart, generators, survey equipment (marker pegs and pickets, flagging) and traffic management devices, concrete agitators, water carts, pneumatic drills, concrete saws, bobcats, chain saws, telehandler and hand tools.

## Changes to traffic, pedestrian and cyclist routes:

During these works, traffic control will be in place to assist motorists, pedestrians and cyclists with any changes to traffic conditions. This may include contraflow and stop-slow traffic controls. The times of these changes will vary and are dependent on road authority approvals. Access to driveways and buildings will be maintained at all times. Residents will be separately notified if access to driveways will be affected or access to private property is requested.

## Three monthly out-of-hours lookahead activities:

Activity	Equipment	Work hours	Timing
Concrete pours - piling works and station box base slab and walls	Concrete pump, vibrators, concrete trucks, generators, and lighting towers	From June 2024	Ongoing
Concrete finishing works inside the station box	Power floats, concrete screed, vibrators, hand tools, generators and lighting towers	From June 2024	Ongoing
132kv conduit installation, earthworks, general fill, and drainage works at SMF and Patons Lane	Traffic management, light and heavy vehicles, generators, lighting towers, excavators, and mobile cranes	From June 2024	Ongoing
Concrete segment deliveries and installation at Patons Lane	Lighting towers, light and heavy vehicles, hand tools, light and heavy machinery, and mobile cranes	6pm to 7am Monday - Friday	Ongoing - Q4, 2024

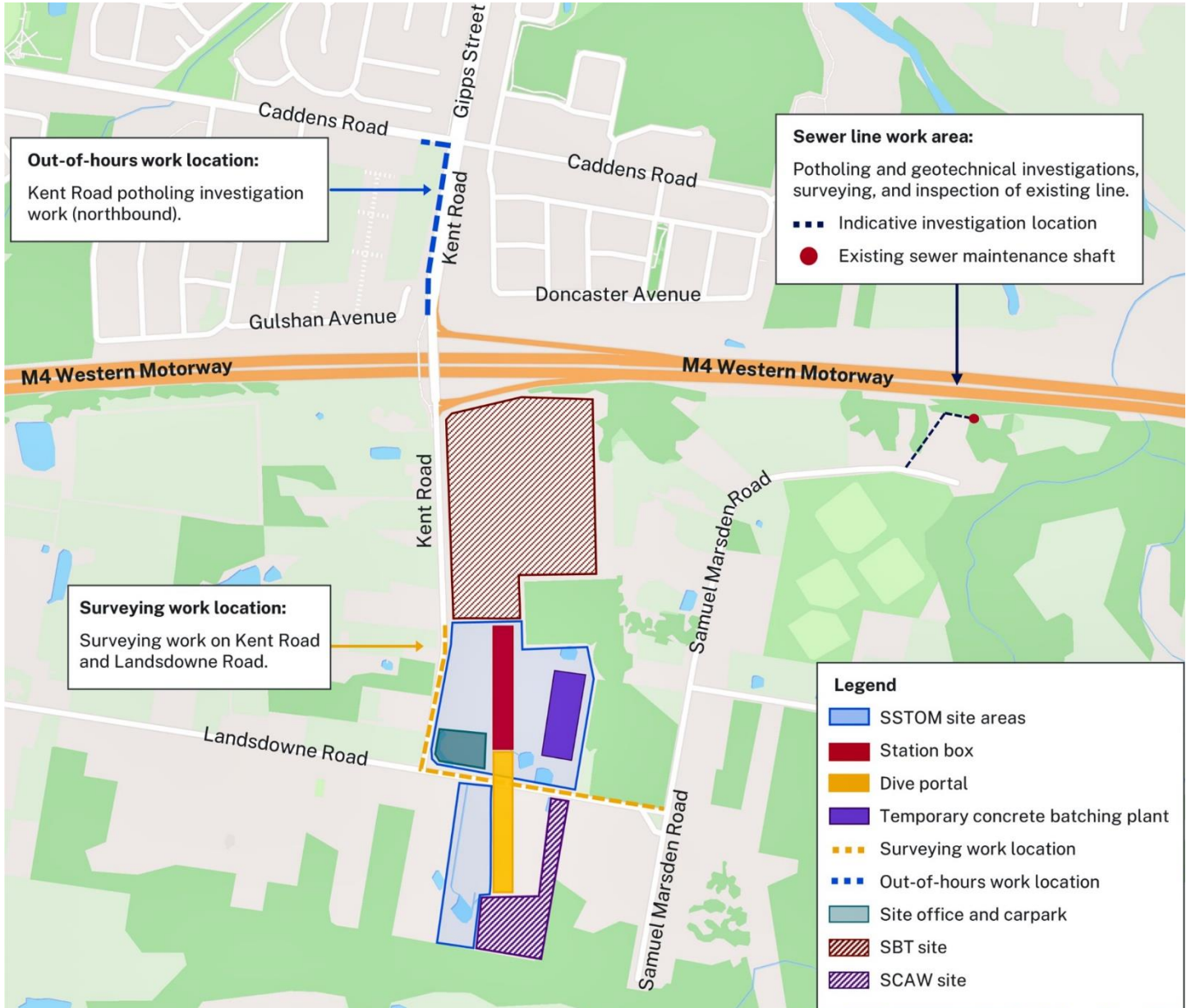
## Feedback:

Detailed Noise and Vibration Impact Statements (DNVIS) have been prepared, including proposed mitigation measures based on noise modelling. We invite your feedback on appropriate respite periods or mitigation measures that may be required to your specific circumstances.

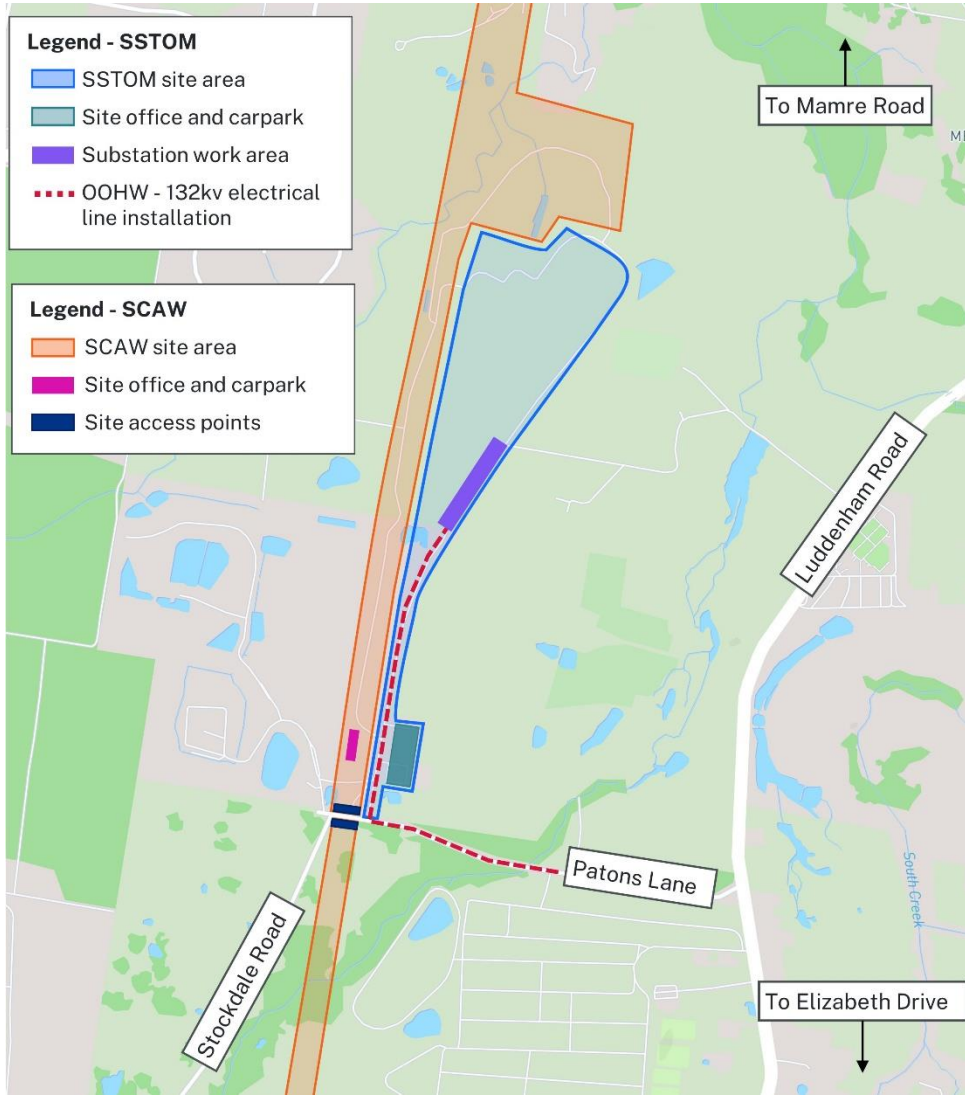
The SCAW, SBT and SSTOM Community Engagement strategies are now online. Please visit [www.cpbcontractors.cc/SCAWstrategy](http://www.cpbcontractors.cc/SCAWstrategy), <http://www.cpbcontractors.cc/SBTstrategy> or [www.parklifemetro.com.au/SSTOMCCS](http://www.parklifemetro.com.au/SSTOMCCS) to view the respective strategy and contact us to provide feedback.



## Orchard Hills Metro Station work locations:



## SMF work locations:



## Contact us:

Please contact the community team on **1800 717 703** or [sydneymetrowsa@transport.nsw.gov.au](mailto:sydneymetrowsa@transport.nsw.gov.au) if you have any questions, complaints or would like to provide feedback about the work. We will continue to keep you updated on the progress of work in your area.

If you would prefer to receive updates by email, please contact us and we will add you to the distribution list.

Thank you for your cooperation while we complete this essential work.



Sydney Metro has launched Sydney Metro Connect – a new way to stay informed.

**Access information in over 100 languages** Download **Sydney Metro Connect** from the App store or get it on Google Play.

### For more information contact



24-hour Community Information Line **1800 717 703**



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If you need help understanding this information, please contact the Translating and Interpreting Service on **131 450** and ask them to call us on **1800 717 703**.