

Notification – Luddenham Metro Station

Sydney Metro is Australia’s biggest transport project.

December 2024 and January 2025

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 new 23-kilometre metro railway will connect Bradfield city centre 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 and Parklife Metro consortium are delivering the Stations, Systems, Trains, Operations and Maintenance (SSTOM) works. See the list below for the work activities at Luddenham during December and January. See map for the work locations.

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

Luddenham Metro Station:

- ongoing deliveries of machinery and equipment, including heavy vehicle movements to deliver and remove material from site
- major earthworks including excavating and compacting the main station area and services building, to prepare for the base slab works
- excavations, waterproofing, formwork, steel fixing, and concrete pours to construct the lifts, escalators and electrical pits and base slabs for the main station area and services building
- trenching and backfilling, and installation of utility services
- site photography, including using drone camera above the construction site.

Linewide works:

Parklife Metro will continue site establishment activities in preparation for Linewide rail track installation works between Luddenham Road and the Portal Dive Site (PDS) at Airport Business Park. Activities will include:

- ongoing deliveries of rail track, materials, machinery and equipment to the Portal Dive Site compound and Luddenham Road site compound areas
- site establishment activities at the Luddenham Road site compound area, including installation of site sheds and worker facilities, stockpile areas, crane pads and stairs from the ground to the viaduct
- rail welding and installations
- installation of overhead catenary system structure (OCSS) and installation of the combined service route (CSR) and all electrical, communication and signalling conduits
- formwork, reinforcement and concrete pour work on Warragamba Viaduct, M12 Motorway bridge, and in tunnels.

Surface and Civil Alignment works include:

- ongoing surface formation and earthworks for the track alignment at Luddenham North and Elizabeth Drive compound
- deliveries, placement, and installation of oversized infrastructure adjacent to the Luddenham Metro Station site
- import and export of excess spoil for the track alignment at Luddenham North



- finishing works including basin trimming, topsoiling, landscaping and installation of open drains
- compound demobilisation works at Luddenham North and Elizabeth Drive
- fortnightly aerial land surveys and site photography of the surface alignment.

Work hours:

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

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.

Out-of-hours works include:

- delivery of over-sized equipment and machinery and materials
- final layer of asphalt work at Luddenham Road Roundabout
- large concrete pours and concrete finishing works for the lifts, escalators and electrical pits and base slabs for the main station area and services building.

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

What to expect:

- mitigation measures will be in place to minimise impacts including installing noise blankets where feasible, respite periods during high noise activities, noise and vibration monitoring, and water carts for dust suppression
- increased light and heavy vehicle movements on surrounding roads, and local road closures. All vehicles will be turned off when not in use, non-tonal reversing alarms will be fitted to plant and machinery and trucks will avoid reversing into and on site, where feasible
- temporary lighting to ensure a safe worksite will be directed away from properties
- communication will be limited to radios only when moving and unloading equipment, with no use of horns or loud radios
- traffic control and signage to safely assist motorists, pedestrians, and cyclists.

Equipment used:

Equipment used will include, but is not limited to tower cranes, excavators, elevated work platforms, pick and carry cranes, mobile cranes, forklifts, manitoux, concrete pumps, concrete trucks, concrete vibrators water carts, jackhammers, compaction equipment, power generators, vacuum trucks, dewatering pump, handheld tools, lighting towers, light and heavy vehicles, and traffic management.

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 always maintained. 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
SSTOM works			
Oversized plant and equipment deliveries	Traffic management, light and heavy vehicles, generators, lighting towers, and mobile cranes.	10pm to 7am	December 2024 - Ongoing
Concrete pours and finishing works at the Luddenham Station site	Concrete pumps, concrete vibrators, concrete trucks, generators, and lighting towers.	6pm to 12am, Monday to Friday 1pm to 6pm, Saturdays	December 2024 - Ongoing
Linewide: Concreting and formwork Oversized deliveries of plant and materials Rail track welding and installations Service utility installations and surveying	Excavators, cranes, dump trucks, water carts, heavy and light site vehicles, generators, traffic management devices, concrete agitators, pneumatic drills, concrete tools and hand tools.	7am Mondays through to 6pm Saturdays (24 hours) 7am to 6pm Sundays **To occur if consented to by the community.	January 2025 - February 2026
SCAW works			
Deliveries, placement, and installation of oversized infrastructure adjacent to the Luddenham Station site	Light and heavy vehicles, heavy machinery, generators, and lighting towers.	6pm to 7am Monday to Friday	Ongoing - December 2024
Final layer of asphalt work at Luddenham Road Roundabout	Traffic management, light and heavy vehicles, lighting towers, and generators.	6pm to 7am Monday to Friday	Ongoing - December 2024

Feedback:

Detailed Noise and Vibration Impact Statements (DNVIS) have been prepared, including proposed mitigation measures based on noise modelling. Your feedback on appropriate respite periods or mitigation measures is encouraged. The SCAW and SSTOM Community Engagement strategies are now online.

Please visit www.cpbcontractors.cc/SCAWstrategy or www.parklifemetro.com.au/SSTOMCCS to view the respective strategy and contact us to provide feedback.

If you would prefer to receive updates by email, please let us know via sydneymetrowsa@transport.nsw.gov.au and we will add you to the distribution list.

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

