

Notification – Luddenham Metro Station

Sydney Metro is Australia's biggest public transport project.

October 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.

Parklife Metro consortium is delivering the Stations, Systems, Trains, Operations and Maintenance (SSTOM) works. See the list below for the work activities at Luddenham during October.

Ongoing activities include:

Luddenham Metro Station:

- deliveries of machinery and equipment, including heavy vehicle movements to deliver and remove material from site
- sheet piling, trenching and backfilling, and installation of utility services
- delivery and installation of precast planks.
- concrete pours, formwork, internal blockwork, and steel fixing to construct the station building, services building, stair cores and services pits
- delivery and installation of mechanical, electrical and piping equipment in the station building
- ongoing survey works to confirm the design, and verify construction works
- station precinct works (excavation, landscaping, paving, roadworks and utilities)
- site photography, including using a drone camera above the construction site.

Warragamba Pipeline to Western Sydney Airport (at grade and viaduct):

- ongoing deliveries of rail track, materials, machinery and equipment to the Luddenham Road site compound, rail dragging drainage installations
- installation of cable containment and hydrant pipes
- installation of galvanised steel troughing, and hydrant pipe
- formwork, reinforcement and concrete pour work for trackslab

Work hours:

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

Some work will 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 work includes:

- delivery of oversized equipment, machinery and materials
- service utility installations and surveying
- rail track installations
- concreting and formwork
- station precinct works
- large concrete pours and finishing works for the lifts, escalators and electrical pits 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
- intermittent noise from hand tools
- 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
- livestock should be monitored, as nearby activity may generate noise that could unsettle animals.

Noise Characteristics:

The characteristics of the noise generated across the project will consist of:

- non-tonal reverse alarms on machinery
- vehicle movement at low speed
- low tonal alarm from crane works
- intermittent noise (small bangs) from hand tools

Equipment used:

Equipment used will include, but is not limited to tower cranes, excavators, elevated work platforms, pick-and-carry cranes, mobile cranes, forklifts, telehandlers, 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.

Three monthly out-of-hours lookahead activities:

Activity	Equipment	Work hours	Timing
Luddenham Station works			
Oversized plant and equipment deliveries	Traffic management, light and heavy vehicles, generators, lighting towers, and mobile cranes.	10pm to 7am Monday to Friday	Ongoing
Concrete pours and finishing works at Luddenham Station	Concrete pumps, concrete vibrators, concrete trucks, generators, and lighting towers.	6pm to 12am Monday to Friday 1pm to 6pm Saturdays	Ongoing
Station precinct works	Excavators, dozers, dumpers, concrete agitators and vibrators, boom pump, rollers, graders, asphalt paver, bobcats, telehandlers, and hand tools.	1pm to 6pm Saturdays	Ongoing
Linewide works			
Concreting and formwork Oversized deliveries of plant and materials Rail track 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 Note: to continue if consented to by the community.	Ongoing to February 2026

Feedback:

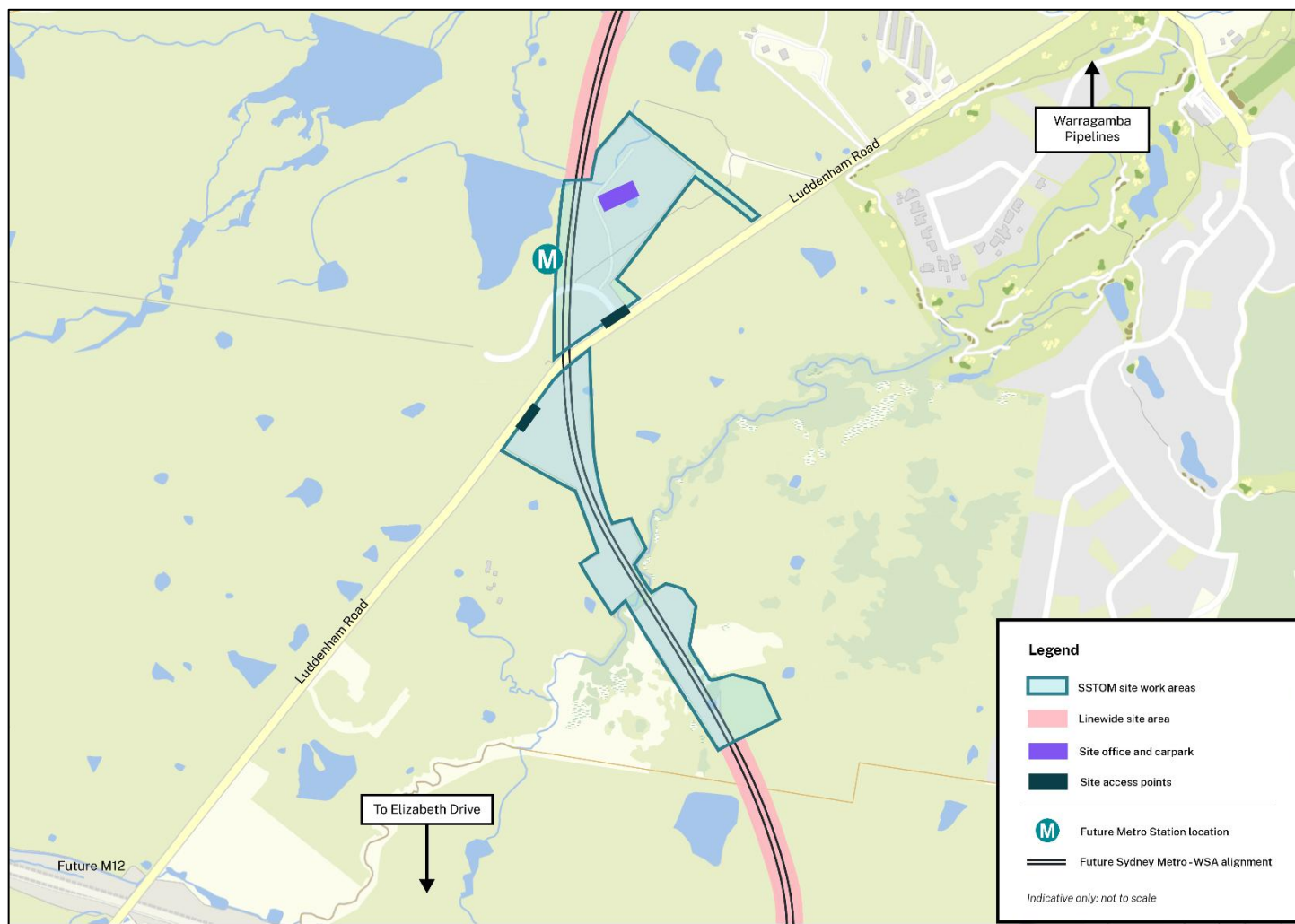
Detailed Noise and Vibration Impact Statements (DNVIS) have been prepared, including proposed mitigation measures based on noise modelling. Your feedback on appropriate respite periods or mitigation measures is encouraged. The SSTOM Community Engagement strategy is online.

Please visit www.parklifemetro.com.au to view these documents and contact us to provide any 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.

Luddenham Metro Station and Linewide works location:



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For more information contact



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



sydneymetrowsa@transport.nsw.gov.au



Sydney Metro – Western Sydney Airport
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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**.