Sydney Metro – Western Sydney Airport

Notification – Luddenham Metro Station

November 2026

Sydney Metro is Australia's biggest public transport project.

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.

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 November 2026.

What's new in November 2026?

- construction of the pedestrian pathway from the pipelines down to Elizabeth Drive.

Ongoing activities include:

Luddenham Metro Station:

- Delivery and removal of machinery, equipment and materials, including heavy vehicle movements.
- Installation works within the station building.
- Roof works to the station canopy.
- Waterproofing works nearing completion.
- Lift glazing and external finishing works continuing.
- External building and façade work continuing.
- Station precinct works, including excavation, landscaping, paving, roadworks and utilities.
- Surveying and construction checks.
- Site photography, including occasional drone use.
- Electrical works within the station and services buildings.
- Stormwater works continuing.

Between Warragamba Pipeline to Western Sydney Airport (surface and viaduct):

- electrical earthing and bonding on the viaduct and at surface level
- installation of overhead wire system and utilities ongoing along the rail track
- ongoing installation of electrical and communications cables and signalling equipment on the viaduct and at surface level
- steel fixing and concrete pours
- installation of fencing between the pipelines and Airport Business Park
- construction of the pedestrian pathway from the pipelines down to Elizabeth Drive.

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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
- 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.

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Equipment used:

Equipment used will include, but is not limited to 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
SSTOM works - Luddenham Metro Station site			
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
SSTOM works - Linewide			
Oversized deliveries of plant and materials	Oversized trucks, traffic management, light and heavy vehicles, generators, lighting, mobile cranes	**10pm** to **7am Monday** to **Saturday**.	Ongoing – January 2027

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.

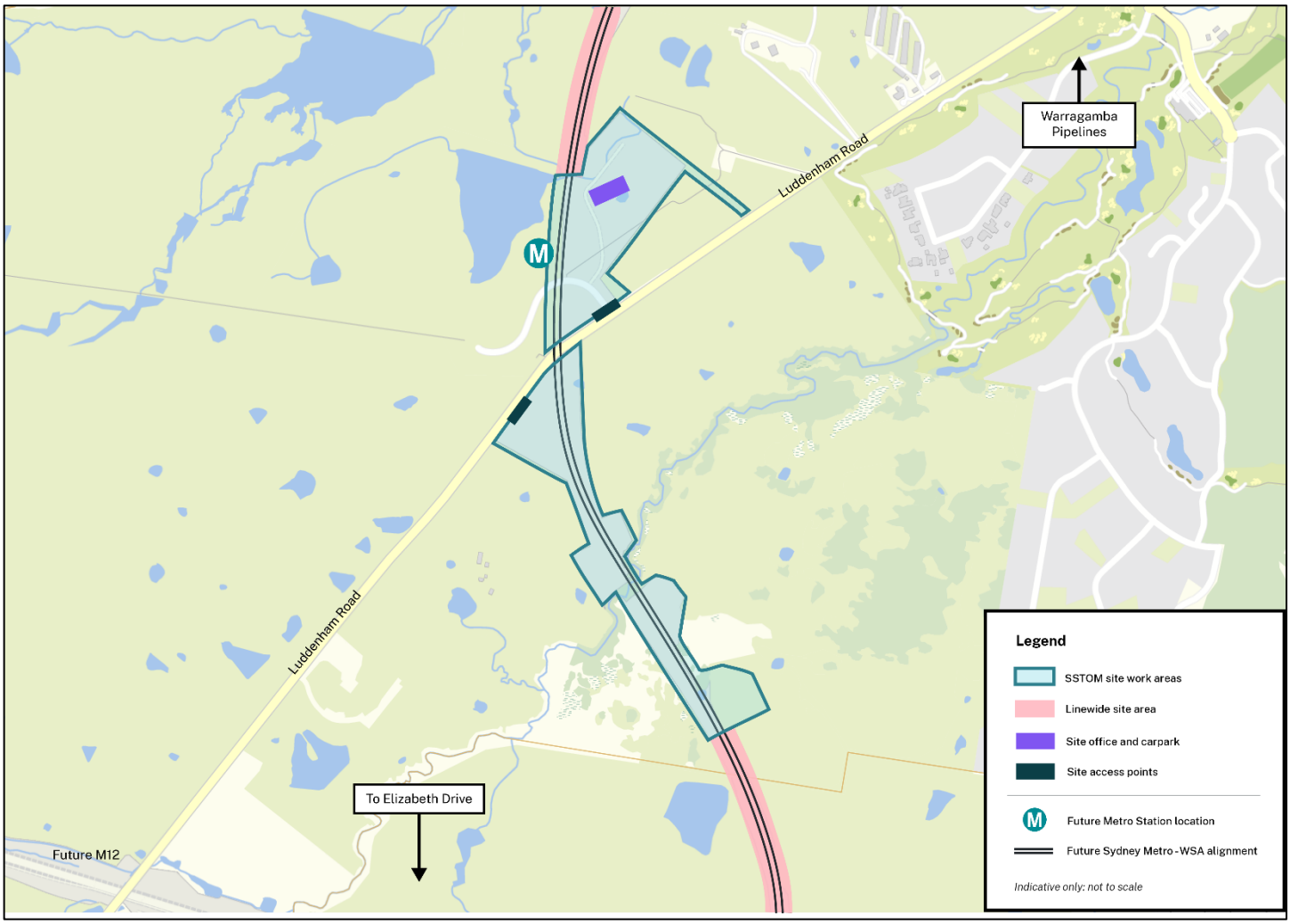
Thank you for your cooperation while we complete this essential work.

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Luddenham Metro Station and Linewide works location:



Contact us

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

sydneymetrowsa@transport.nsw.gov.au

Sydney Metro – Western Sydney Airport,
PO Box K659, Haymarket NSW 1240

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