



Australian Government



**Sydney Metro -  
Western Sydney Airport**

# City-shaping metro given green light

Planning approval received



July 2021

## Sydney Metro – Western Sydney Airport

Sydney Metro is Australia's biggest public transport project, transforming Sydney with a world-class metro.

Sydney Metro – Western Sydney Airport is the new metro railway line which will service Greater Western Sydney, connecting the Western Sydney Aerotropolis and the new Western Sydney International (Nancy-Bird Walton) Airport with St Marys and the existing Sydney Trains suburban T1 Western Line.

In July 2021, the project received planning approval, giving the green light for construction on the 23-kilometre railway to begin, once COVID restrictions are lifted.

The new metro service will become the transport spine for the region's growth for generations to come, with six stations to be built along the alignment at St Marys, Orchard Hills, Luddenham, Airport Business Park, Airport Terminal and the Aerotropolis.



The project will connect Western Sydney to greater job opportunities, health and education services, and leisure activities.

Sydney Metro – Western Sydney Airport will have driverless trains like the rest of the Sydney Metro system with fast, frequent services – customers won't need a timetable, they'll just turn up and go. Passengers will be able to travel the length of the alignment in 20 minutes, with the connection time between the Airport terminal and St Marys expected to be 15 minutes.

Early work started on Sydney Metro – Western Sydney Airport in December 2020. Now planning approval has been granted, major construction on Sydney's newest metro service will get underway in the coming months.

In line with Public Health Orders, all construction in Greater Sydney has paused from 12:01 am Monday 19 July. This includes the Sydney Metro – Western Sydney Airport early works. Sites are closed, but are being monitored by essential staff for safety and security reasons. We will notify the community before any works re-commence.

The Australian and NSW governments have a shared objective of having Sydney Metro – Western Sydney Airport operational when Western Sydney International (Nancy-Bird Walton) Airport is planned to open for passenger services.

## Feedback on the Environmental Impact Statement

The Sydney Metro – Western Sydney Airport Environmental Impact Statement was on display from **21 October 2020 – 2 December 2020**. Submissions received from community and stakeholders have been considered in the assessment of the project and are detailed in a Submissions Report.

Changes have been made to the Sydney Metro – Western Sydney Airport project following feedback received during the exhibition of the Environmental Impact Statement. The changes are:

- Relocation of the Temporary Bus Interchange (TBI) from Nariel Street to Station Street car park at St Marys
- Reduction in parking impacts associated with locating the TBI at Station Street, St Marys.

## Key features



A new transport spine for Greater Western Sydney, connecting residents to greater job opportunities, health and education services, and leisure activities.



A fast, frequent connection between the new Western Sydney International (Nancy-Bird Walton) Airport and the existing Sydney Trains network at St Marys.



A city-shaping mass transit investment that will support the development of the Western Sydney Aerotropolis, a new centre of innovation, research and productivity that will attract jobs and investment to the region.



Creation of integrated stations and surrounding precincts, delivering vibrant places that include a range of community facilities.

Front cover image: An artist's impression of Luddenham Station.

Left: An artist's impression of Airport Terminal Station.

A city-shaping project, Sydney Metro – Western Sydney Airport provides the opportunity to build more than just railway stations. Excellence in design and planning will deliver more than just somewhere to catch the train – metro stations will become the centre of communities and provide for a variety of uses.

### Orchard Hills Station and tunnel boring machine launch site

- Construction of tunnel portal
- TBM launch and support
- Intensive construction site handling spoil, pre-cast concrete tunnel segments, grout batching and site facilities
- A metro station in the heart of a new town centre, servicing a future residential and mixed-use precinct.

**Key**

- Sydney Metro station
- Tunnel boring machine launch site
- Tunnel boring machine retrieval site
- Stabling and maintenance facility
- Services facility
- ▶ Direction of tunnel construction

Indicative only: Subject to further design development  
Sydney Metro – Western Sydney Airport infrastructure not shown to scale

### St Marys metro station and tunnel boring machine retrieval site

- Connection to existing Sydney Trains T1 Line
- Excavation of station box
  - Retrieval of two tunnel boring machines (TBMs)
  - A metropolitan transport interchange, playing a pivotal role in the revitalisation and renewal of St Marys.

### Claremont services facility

- TBM maintenance and relaunch
- Services facility and fitout.

### Sydney Metro Trains Facility – Orchard Hills

- Stabling and maintenance facility
- Operations control centre.

### Luddenham Station

Construction of viaduct station and viaduct section over Luddenham Road

- A viaduct station to support a future employment, research and knowledge-based employment precinct.

### Airport Terminal Station

Station box excavation

- TBM maintenance and relaunch
- Construction of station and fitout
- A metro station within the airport terminal, providing easy and efficient access for travellers and airport users.

### Airport Business Park Station and tunnel boring machine launch site

- Transition from surface to in-cutting rail alignment
- Construction of portal dive structure
- TBM launch site and construction of portal dive structure
- A metro station to service a new employment and services hub within the Airport precinct.

### Bringelly services facility

- TBM maintenance and relaunch
- Services facility and fitout.

### Aerotropolis Station and tunnel boring machine retrieval site

- Excavation of station box
- Retrieval of two tunnel boring machines (TBMs)
- A metro station to service the commercial heart of Western Sydney Aerotropolis, the region proposed to be called Bradfield.

## Works underway

Early works will continue, once COVID restrictions are lifted, throughout the project area to support the major construction works proposed to start from mid-2022. Sydney Metro will notify nearby residents when works are coming up in their area, and any mitigation measures that may be in place.

### Veness Place car park closure

The existing bus interchange area at Station Street, St Marys will be required for the construction of the St Marys metro station. To continue bus operations, the bus interchange will be temporarily relocated to the Veness Place car park, across the road.

From September 2021 to early 2022, the Veness Place car park will be closed for the construction of the temporary bus interchange. Alternative parking will be available at Queen Street, and in the car parks on Gidley Street and Carinya Avenue for Town Centre shoppers.

Once complete, buses will operate from the temporary bus interchange at Veness Place and the existing bus interchange at Station Street will become a construction site for Sydney Metro.

### Extension of the Harris Street commuter car park

Transport for NSW is adding an additional two levels to the existing multi-storey car park on Harris Street, St Marys. Works commenced at the end of May 2021, delivering an additional 250 commuter spaces.

The top two levels of parking will be unavailable until late 2021, and some spaces on ground level will also be impacted. Construction of the additional levels is expected to be completed in early 2022, prior to main construction of the metro.

We thank commuters for their patience whilst these essential works are undertaken.

### Glossop Street road widening works

The northbound section of Glossop Street, between Chesham and Hobart Streets, will be widened from two lanes to three to improve access to the Sydney Metro construction site in St Marys. These essential works will commence, once COVID restrictions are lifted, and reduce the impact of construction traffic on local traffic in the area.

### Gipps Street road works

Essential roadworks also started in June 2021 at Gipps Street, Claremont Meadows, near Sunflower Drive, to provide construction vehicles access to the eastern side of the Gipps Street intersection and support the future delivery of the project.

For more information about the Harris Street commuter car park extension or Glossop and Gipps Street road works, contact Transport for NSW on **1800 684 490** or **projects@transport.nsw.gov.au**

## Alternate car parks – St Marys



### Other early works

Various early works will commence, once COVID restrictions are lifted, along the alignment from St Marys to Bringelly to upgrade the power supply in preparation for main construction.

Additional roadworks will also be carried out along Badgerys Creek Road and Luddenham Road at the end of 2021 to support future construction vehicles access.



Beryl solar farm at Gulgong offsets 100 per cent of electricity used on the Metro North West Line.

## Environmental and diversity initiatives

Sydney Metro is committed to building and operating a sustainable transport system that deliver on our environment and social responsibilities. Early targets for the project include:

- **Offsetting 100 per cent of electricity** used to power the metro line
- **Reuse and recycling of water, energy, waste, spoil and materials** during construction including targeting 100 per cent beneficial reuse of clean spoil
- **Installing water efficient fixtures,** rainwater harvesting, onsite solar power and energy efficient lighting systems at stations
- **Providing diverse workforce** development and industry participation with a key focus on aboriginal participation



Sydney Metro pre-employment program participant.

## Working with other projects

The Sydney Metro – Western Sydney Airport project is one of several major infrastructure projects being concurrently delivered in the Greater Western Sydney region. These projects will support the growth of Sydney’s third city and meet the needs of the Western Sydney community and beyond for generations to come.

The Western Parkland City is being delivered via collaboration between three levels of government, who are joint partners in the Western Sydney City Deal. Eight local councils, State and Federal governments are all party to this agreement.

Sydney Metro will continue working with councils, the Federal Government and other key projects including Western Sydney Airport, the M12, The Western Parkland City Authority and others to integrate projects and deliver a consistency in approach for community.

## Associated projects

### M12

The Department of Planning Infrastructure and Environment (DPIE) has approved the M12 Motorway, a major step towards delivering direct access to the new Western Sydney International Airport. The Sydney Metro – Western Sydney Airport and the M12 will provide airport users with fast, easy access to the airport and the two projects are working closely together to integrate their construction and operation.

## Aerotropolis – Bradfield City Centre

The NSW Government has committed over \$1 billion to kick start work on the Bradfield City Centre, Australia’s newest, most advanced, green and connected city. Subject to the necessary planning approvals, the city centre will feature 36 hectares of proposed open green space including parks, plazas and waterways. Located on the doorstep of the new Western Sydney International (Nancy-Bird Walton) Airport and at the southern end of the Sydney Metro – Western Sydney Airport alignment, the Bradfield City Centre will create thousands of jobs and opportunities for residents of the Western Parkland City.

## Airport

Western Sydney International (Nancy-Bird Walton) Airport’s terminal design brings together world’s best practice to offer passengers and airlines an experience unrivalled among Australian airports. Drawing on Australia’s natural beauty, the region’s rich Aboriginal heritage and strong sustainability principles, the design is an evolution of the initial concepts released two years ago. The contract to deliver the final design and build the terminal has been awarded to Australian-founded company Multiplex, which is due to start construction later this year.

## Working with the community

Sydney Metro has engaged with community members across the Western Parkland City in the planning of the Sydney Metro – Western Sydney Airport project.



Sydney Metro – Western Sydney Airport virtual community information portal.

## To learn about what's happening in your area

Get in touch with one of our dedicated place managers by phone and email.

Visit the Sydney Metro website and sign up for area specific project alerts.

Visit our interactive portal with project information relevant to your area.

Read our planning documents, project guides, summary books and project materials on the interactive portal or Sydney Metro website.

Check our notifications and newsletters that we'll deliver to your home or businesses along the project alignment and upload to the Sydney Metro website.

Come along to virtual or face-to-face community events held during key phases of the project to speak to members of the project team.





An artist's impression of Airport Business Park Station.

## Connect with us

Sydney Metro is making project information as easy to access as possible. We want to connect with you so you can find out what you need to know, learn more about the project and have your say.



Visit [sydneymetro.info](https://sydneymetro.info) to learn more about Sydney Metro – Western Sydney Airport and sign up for email alerts.



Visit [sydneymetrowsa.com/virtual-information-room/](https://sydneymetrowsa.com/virtual-information-room/) to view the Sydney Metro – Western Sydney Airport interactive portal.

## Contact us



**1800 717 703** Community information line open 24 hours



**[sydneymetrowsa@transport.nsw.gov.au](mailto:sydneymetrowsa@transport.nsw.gov.au)**



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If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 717 703**