The Australian and NSW Governments are upgrading roads around Sydney’s Kingsford Smith Airport to help improve traffic flow around the airport and Port Botany.

Sydney Airport and Port Botany are two of the most important international gateways facilitating the movement of millions of people and goods around New South Wales each year.

Roads and Maritime Services is delivering these major upgrades on behalf of the Australian and NSW Governments, with three key precincts within the overall airport network identified for improvement.

- **Airport North Precinct**, in the vicinity of O’Riordan Street, Mascot
- **Airport West Precinct**, in the vicinity of Marsh Street, Arncliffe
- **Airport East Precinct**, in the area covering Wentworth Avenue, Botany Road, Mill Pond Road, Joyce Drive and General Holmes Drive, Mascot.

### Airport North – O’Riordan Street widening

Roads and Maritime will widen O’Riordan Street to three lanes in each direction between Bourke Road and Robey Street. The project will also reconfigure Robey Street and O’Riordan Street as one-way streets, to accommodate upgrades to the new one-way road system through the T2/T3 domestic terminals, and help improve traffic flow around Sydney Airport. Detailed design is currently underway and construction of early works for the one-way pairing of Robey Street and O’Riordan Street is expected to commence in late 2017.

The airport north project, once completed will realise these benefits:

- improved pedestrian and cycle access to and from the airport along O’Riordan street including an upgraded footpath on the eastern side of O’Riordan Street
- improved traffic flow at peak times from increased average travel speeds across the area
- six through lanes on O’Riordan Street between Bourke Road and Robey Street
- coordination with changes to Sydney Airport internal roads network seeing improved traffic flow into and out of the airport.
Airport West Precinct, Marsh Street widening

Roads and Maritime is widening Marsh Street, Arncliffe to three lanes westbound to increase traffic capacity and reduce congestion. Marsh Street is the primary connection to the Sydney Airport T1 international terminal and is a key access point for the M5 Motorway and Sydney’s southern suburbs.

The new westbound lane on Marsh Street will be open to traffic in the coming weeks, and will change the way that motorists move through the project area, improving traffic flow and relieving congestion currently caused by westbound traffic merging into two lanes after the Giovanni Brunetti Bridge.

When the new westbound lane is opened, we will start work to move the median on Marsh Street between the Giovanni Brunetti Bridge and Valda Avenue, allowing us to widen the existing eastbound lanes. Temporary barricades will be in place around the work area to help us to carry out the work safely.

The Airport West Project, once completed will realise these benefits:

- increased traffic capacity and reduced congestion on March Street for westbound traffic with the construction of a third lane
- improved cyclist access in the area
- improved pedestrian access in the area
- improved safety for motorists through minor widening of east and westbound lanes.

Work completed so far includes:

- construction of the new westbound lane
- construction of a number of retaining walls
- installation of 375 metres of pedestrian fencing along the new westbound side of Marsh Street
- improved stormwater drainage throughout the project area
- upgrades of existing traffic lights throughout the project area
- relocation of street lighting on the southern side of Marsh Street
- major utility adjustments for both high pressure gas and telecommunications.
Airport East precinct

Roads and Maritime will upgrade roads east of the airport to improve the movement of rail freight facilities to and from Port Botany, and improve traffic flow and access to the airport and Port Botany.

Construction Progress

Major work started in February 2017 and is on track to finish in 2019.

During a recent temporary change to operations to the Sydney Airport east west runway, we were able to use large piling rigs to progress major piling work required for the new canal bridge near General Holmes Drive and the new rail bridge near Botany Road at Mascot. These piles form the underground foundations for the new bridges and the support for the new Wentworth Avenue extension. The next stage will be to construct the rail bridge before the excavation can commence for the new underpass.

The Airport East Project, once completed will realise these benefits:

- improving road user safety through the elimination of the existing railway level crossing on General Holmes Drive
- improve traffic flow and access to the airport and Port Botany
- improve the movement of rail freight facilities to and from Port Botany
- improvement of intersections in the area to support future growth and access to the Airport
- reduce congestion by providing a feasible and cost-effective road network improvement
- the new shared path linking the existing cycle way on Wentworth Avenue will improve connections for pedestrians and cyclists, at Todd Reserve on Wentworth Avenue
- once finished, travel times through this area will be improved in both the morning and evening peak periods. This will mean easier access to and from the Airport and less time sitting in traffic.

Since major work started in February, we have:

- established two site compounds including the access tracks within the site areas for construction vehicles. The compounds are located at Ascot Lodge between Botany Road and General Holmes Drive and on the corner of Wentworth Avenue and Beresford Street
- constructed access platforms to build the new rail bridge at Botany Road opposite the Wentworth Avenue intersection
- begun construction on a new canal bridge and a retaining wall next to General Holmes Drive
- installed several different types of piles, using large piling rigs to progress the major piling for the new canal bridge near General Holmes Drive and the new rail bridge near Botany Road at Mascot
- begun relocation of services and utilities around the Botany and Wentworth Avenue intersection to facilitate the Wentworth Avenue extension that will be constructed under the new rail bridge.

Sydney Airport

Making it easier to travel to and from Sydney Airport

Sydney Airport’s five-year plan to improve the transport network in and around the airport is one year ahead of schedule.

The works will smooth traffic flows and ease congestion – making it easier to travel to and from Sydney Airport by car, taxi, active or public transport.

The new road entry to the T1 International terminal is complete, and Sydney Airport is now working on additional improvements, including:

• an elevated pedestrian/cyclist shared path
• a dedicated exit road for motorists travelling from Departures Road and Arrivals Court to Airport Drive
• a new Airport Drive flyover to Arrivals Court to improve terminal road access.

The new five-lane, one-way exit from the T2/T3 Domestic precinct opened in December 2015 and has smoothed traffic flows out of the airport, especially during peak times. In December 2016, the airport opened a new, one-way entry to the T2/T3 Domestic precinct to build on this work.

Work to widen Qantas Drive between Robey and O’Riordan Streets is also well underway. When completed later this year, this will provide an additional right turn lane out of the Airport.

Sydney Airport is staging these works to minimise any inconvenience to visitors, but there may be times, particularly at night, when lane closures and diversions are necessary.

For more information on Sydney Airport’s Ground Access Improvements, please go to: sydneyairport.com.au.

See the projects in 3D

To see a detailed video of the major road upgrades and congestion busting measures around Sydney Airport, visit rms.nsw.gov.au/sydneyairport

Contact us

Phone:  
Airport East – 1300 862 844  
Airport North – 1300 852 557  
Airport West – 1800 677 700

Email:  
airporteast@rms.nsw.gov.au  
airportnorth@rms.nsw.gov.au  
airportwest@rms.nsw.gov.au

Mail:  
Sydney Airport Precinct upgrades  
PO Box 973  
Parramatta NSW 2124

More information is also available at rms.nsw.gov.au/sydneyairport

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