



Community update May 2019

## Early earthworks for Western Sydney International Airport

Early earthworks, which began in September 2018, is helping lay the foundations for construction of Sydney's new international airport and includes:

- moving 1.8 million cubic metres of earth
- clearing, remediation and bulk earthworks across the site
- construction of a new and realigned Badgerys Creek Road
- installing utilities and temporary works; and
- construction of a new intersection at Elizabeth Drive, in collaboration with Roads and Maritime Services.

The work is being carried out by CPB Contractors and Lendlease Joint Venture and is expected to be completed in early 2020.

### Completed work

In previous months, the project team has:

- completed construction of the site office
- completed construction of temporary roundabout on Badgerys Creek Road
- completed bridge piling; and
- started work on the Badgerys Creek Road realignment.

### Upcoming work

Work scheduled over the next few months includes:

#### • Badgerys Creek Road realignment

The realignment of Badgerys Creek Road has begun with drainage, utilities and pavement construction underway. The construction of a new bridge has commenced with the southern and northern abutments works starting.

As part of these works, super-t girders (bridge deck support beams) are being installed onto the structure for the new bridge.

#### • Construction of new connection point and roundabout at Elizabeth Drive Intersection

Work will soon begin on the construction of a new connection point and roundabout connecting to Elizabeth Drive.

This will be built over multiple stages and include installing concrete barriers, temporary signage, asphaltting, line marking and constructing new lanes.

#### • Relocation of utility

Work is underway to decommission old water mains and install new drainage.

### Environment and sustainability

The project is managing and reducing the impacts of construction on the environment. At the same time, we are taking opportunities to maximise environmental, social and economic benefits.

Early Earthworks has set targets in each of these areas, and our achievement of these targets will contribute to an overall rating for sustainability best practice in construction.

Remediation works have been undertaken throughout the life of the project to have a safe environmentally sound work area.



Early earthworks, March 2019

Western Sydney Airport is delivering Western Sydney International (Nancy-Bird Walton) Airport, Sydney's new airport that will cater for 10 million passengers a year when it opens in 2026.

The terminal will provide domestic and international services under a single roof, with the airport welcoming full service and low cost airlines as well as freight.

### Key features

- A single 3.7-kilometre runway
- New aprons, taxiways and other appropriate aviation facilities
- A multi-user terminal
- New drainage and utilities infrastructure

### Project benefits

- Generating significant economic benefits for the Western Sydney region
- Creating 11,000 new jobs during construction and support almost 28,000 direct and indirect jobs by 2031
- Better access to aviation services

### Working hours

Working hours are between 5am to 7pm Monday to Friday and from 7am to 6pm on Saturday if required. No work will be carried out on Sundays or public holidays without prior notice.



**Community information session**  
4pm–8pm  
Wednesday 29 May 2019  
The Workers Hubertus Country Club  
205 Adams Road, Luddenham



**Project contact details**  
To find out more about the project, please contact:

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# Airport site layout

## Traffic changes

### Site access

The construction of a temporary roundabout has been completed on Badgerys Creek Road to improve the safety of road users while work is being carried on site.

### Boom gate

As the project site is separated by Badgerys Creek Road, a boom gate has been installed to ensure plant and machinery can move safely between the work sites.

**1** This section of the early earthworks, known as Separable Portion 1 (SP1), is being prepared for the runway and contains the site office.

**2** This section of early earthworks, known as Separable Portion 2 (SP2), is being prepared for the main roadway, bridge and drainage.

**3** As part of the utility work, we are decommissioning old watermains and installing new drainage.

**4** Bridge construction is now underway with the abutments and super-t girders being installed.

## Bridge construction



## Utilities






## Separable Portion 1



## Separable Portion 2



## LEGEND

-  New roundabout
-  New alignment
-  Current alignment

## Naming tribute to aviation pioneer



- The new airport has officially been named Western Sydney International (Nancy-Bird Walton) Airport in honour of Nancy-Bird Walton, one of Australia's great pioneer aviators.
- In 1935, she was the first woman in Australia to obtain her pilot's licence at age 19.

## Environment and sustainability

-  Reducing electricity and construction fuel use through improved methodologies and equipment,
-  Using less water from the mains and using rainwater from sediment basins for construction activities, such as compaction and dust suppression,
-  Reducing, recycling and reusing construction and office waste,
-  Sourcing more sustainable construction materials, and prioritising environmentally labelled products,
-  Protecting and enhancing valuable biodiversity (flora and fauna) within the Environmental Conservation Zone.



**42%**  
of early earthworks  
has been completed



**766,219 m<sup>3</sup>**  
of fill moved



Bridge deck being constructed  
is only **3 metres** less wide than  
the Harbour Bridge