The Northern Road and Bringelly Road Upgrades

July 2017

Major work is starting on the 15.6 kilometre upgrade of The Northern Road between Peter Brock Drive and Mersey Road as well as the Bringelly Road Upgrade between King Street and The Northern Road.

Roads and Maritime Services is starting the next stages of The Northern Road and Bringelly Road Upgrades. The Northern Road covers 11.3km between Peter Brock Drive, Oran Park and Mersey Road, Bringelly. The Bringelly Road Upgrade includes 4.3km of road between King Street, Rossmore and The Northern Road, Bringelly.

These upgrades will deliver new and improved roads to support integrated transport in the region and capitalise on the economic benefits from the Western Sydney Airport at Badgerys Creek. It will improve safety, increase road capacity and reduce congestion and travel times in the future.

Lendlease has been awarded the contract to upgrade these stages of The Northern Road and Bringelly Road. Major work is starting now and is expected to be complete in 2020.

Project benefits

The key benefits of the projects are:

- safer road conditions
- more reliable travel times
- improved traffic capacity
- improved pedestrian and cyclist access
- improved public transport by providing bus priority lanes at some intersections.
The Northern Road Upgrade, Peter Brock Drive to Mersey Road

**Key**
- Road upgrade
- Landscaped median
- Shared path
- Bus priority lane
- Four way intersection with traffic lights
- Left in/left out movements only
- New cul de sac with access to Thames Road
- Upgrade continues to Bringelly Road.
- See map overleaf

**Intersections and Changes**
- **Dick Johnson Drive intersection**: Four way intersection with traffic lights.
- **Marylands Link Road 1 intersection**: Four way intersection with traffic lights.
- **Marylands Link Road 2 intersection**: Four way intersection with traffic lights.
- **Lazenby Creek Road intersection**: Four way intersection with traffic lights.
- **The Northern Road and Bringelly Road interchange**: Four way intersection with traffic lights.
- **Marylands Link Road 3 intersection**: Four way intersection with traffic lights.
- **Lowes Creek Link Road intersection**: Four way intersection with traffic lights.
- **Belmore Road intersection**: Belmore Road realigned with new traffic lights to connect with Robinson Road. Existing Belmore Road converted to a cul de sac. Robinson Road changed to a cul de sac.
- **The Northern Road and Bringelly Road Interchange**: New traffic lights on Bringelly Road, with turning movements provided in all directions.
- **Solway Road / Lea Road intersection**: Left in/left out movements only.
- **Dart Road / Badgerys Creek Road intersection**: Four way intersection with traffic lights.
- **Realigned Derwent Road intersection**: Four way intersection with traffic lights. Existing Derwent Road to be closed.
- **Mersey Road intersection**: Four way intersection with traffic lights.
**Background**

These two upgrades are being delivered together ahead of the Western Sydney Airport and expected significant population and jobs growth. They are part of the $1.6 billion The Northern Road Upgrade and the $509 million Bringelly Road Upgrade, which are both included in the $3.6 billion Western Sydney Infrastructure Plan. The 35km The Northern Road Upgrade is being delivered in different stages from Narellan to South Penrith and will cater for future traffic from planned residential and commercial development.

The 10km Bringelly Road Upgrade is being delivered in two stages, from Camden Valley Way, Leppington to King Street. Stage 1 between Camden Valley Way and King Street has been in construction since January 2015.

**The Northern Road Upgrade key features**

Key features of The Northern Road Upgrade between, Peter Brock Drive and Mersey Road include:

- two lanes in each direction with a four metre wide shoulder and wide central median allowing for widening to six lanes when required in the future
- a grade separated interchange at Bringelly Road to the east of Bringelly Village shops and the existing intersection with Bringelly Road/Greendale Road
- a three metre wide shared pedestrian and cyclist path on the eastern side
- designated turning lanes at traffic lights
- bicycle and pedestrian crossing provisions at traffic lights
- bus priority lanes at traffic lights and indented bus bays
- temporary U-turn facilities for future development link roads
- nine intersection upgrades with new traffic lights
- existing bridge over Thompson Creek replaced for southbound traffic and a new bridge for northbound traffic.

**Bringelly Road Upgrade key features**

Key features of the Bringelly Road Upgrade between King Street and The Northern Road include:

- two lanes in each direction with a wide central median allowing for widening to six lanes when required in the future
- a three metre wide shared pedestrian and cyclist path on the southern side
- designated turning lanes at traffic lights
- bus priority lanes at some intersections and indented bus bays
- existing bridge over South Creek replaced with two new bridges.
Upcoming work

Work scheduled over the next three months includes:

• installing temporary traffic signs and safety barriers
• surveying and investigating existing utilities including drainage and electricity
• installing environmental controls including water basins and sediment fencing to reduce environmental impacts
• bulk earthworks and stormwater drainage for road construction
• relocating public utilities including gas, electricity, telephone and water services along the route.

The site office will be located on the corner of The Northern Road and Belmore Road, Bringelly and will be used for:

• temporary offices
• staff parking
• storage areas for equipment and materials
• batch plant (for making concrete).

Noise

We will manage noise impact by:

• turning off machinery when not in use
• positioning equipment such as generators as far away as possible from residential areas
• using non-intrusive reversing alarms on all machinery.

Construction hours

Most of the time work will be carried out during standard working hours between 7am and 6pm Monday to Friday and Saturday between 8am and 1pm, weather permitting. Night and weekend work will be required from time to time to reduce the impacts to the travelling public. We will notify you in advance when we need to carry out work during these times.

Traffic

During construction, the existing posted speed limits on The Northern Road and Bringelly Road will be maintained except during off peak hours where the speed zones may be reduced to ensure the safety of workers and motorists.