

CONSTRUCTION update



WEEK COMMENCING 19 December 2011

WHAT'S new...

FINAL BEAMS INSTALLED FOR KEDRON FLYOVERS

The final bridge beams will be installed at Kedron for the Airport Link off-ramp flyovers this month.

Since July 2011, 24 steel girders, 12 Super Ts and 158 concrete bridge beams have been installed to construct the 10 metre high flyovers.

They will provide access out of the Airport Link tunnels for traffic headed northbound along Gympie Road and westbound along Stafford Road.

The beams measured up to 53 metres in length and weighed between 35 and 64 tonnes.



LANDSCAPING AT CLARK PARK

In the New Year, Clark Park will be reinstated to a public open space. The park will be fitted out with bench seats, a drinking fountain, bike racks and a new playground.

More than 13,000 new trees and plants will be installed, joining the Fig Trees and Hoop Pines already within Clark Park.

The park also houses the Windsor School of Arts building and will include a new car park. New pedestrian pathways will also be installed enhancing accessibility from Lutwyche Road to the newly built bus stop on Truro Street.



Top: Flyover construction at Gympie /Stafford Road intersection

Lower: Artists impression of landscaped Clark Park



airportlink
northernbusway
windsor to kedron
airport roundaboutupgrade

BOWEN HILLS UPDATE

NEW WORK

- Filling of the fire deluge tanks between 12am and 4am
- Site establishment commencing for an air-quality monitoring station in Cartwright Street

ONGOING WORK

- Profiling, asphaltting, line marking and footpath upgrades along Lutwyche Road, between Butterfield Street and Newmarket Road
- Landscaping of the hill-top park, including installation of trees, plants, fencing and shade shelter structures, and painting of concrete retaining wall
- Landscaping of the Mann Park playground
- Installation of lighting, gantry signs and median barriers on the Airport Link bridge connections
- 24-hour tunnelling activities from the tunnel portal site, including mechanical and electrical fit-out and commissioning
- Footpath and services installation work on Lutwyche Road, between Butterfield Street and Newmarket Road
- Flood mitigation work along the edge of Enoggera Creek including excavation, earthwork and minor rock hammering
- Signage installation around the Mayne Road, Hamilton Place and Campbell Street intersection
- Landscaping of Campbell Street near the Airport Link bridge connections
- Temporary ICB and CLEM7 lane and ramp closures, as required
- Temporary lane closures on Lutwyche Road, with traffic control as required

UPCOMING WORK

- Road resurfacing in local streets around the tunnel portal site



Top: Signage installation on Airport Link bridge connections

Middle: Installation of shade shelter on hill-top park

Lower: Construction of road base in southbound Airport Link tunnel

CONSTRUCTION
update



24 Hour Community hotline
1800 721 783

Register now for SMS & Email updates
www.brisconnections.com.au



WINDSOR LUTWYCHE UPDATE

NEW WORK

- Construction of the permanent fence at Bradshaw Street east
- Final pavement overlay on Lutwyche Road between Constitution Road and Fuller Street
- Asphaltting of the Truro Street bus lanes

ONGOING WORK

- Mechanical and electrical fit-out of the Northern Busway tunnel
- Mechanical and electrical fit-out from the Truro Street site for the Airport Link mainline tunnels
- Smoke duct work from the Truro Street site for the Airport Link northbound off-ramp and southbound on-ramp
- Pavement work in the Lutwyche caverns for the Airport Link mainline tunnels
- Pre-cast panel installation, service installation and lift installation in the Lutwyche busway station plaza
- Construction of the inbound and outbound bus platforms at the Lutwyche busway station
- Concrete and drainage work at the Lutwyche busway station
- Drainage work within Quarry Park
- Construction of the Perry Street extension
- Construction of the indented bus stop at Windsor State School
- Construction of the Roblane Street indented bus stop
- Work along Lutwyche Road from High Street to Albion Road including kerbing work, traffic signal upgrades, drainage installations and concrete filling
- Bonython Street water services work
- Drainage work at the intersection of Lutwyche Road and Bradshaw Street
- Footpath reinstatement work at Truro Street and Lutwyche Road between Harris and Thorne Streets
- Service installation work on Lutwyche Road between Bradshaw and Thistle Streets
- Installation of fencing within the Lutwyche busway station plaza

UPCOMING WORK

- Backfill of the Truro Street mainline tunnel decline
- Footpath reinstatement on Lutwyche Road between High and Stoneleigh Streets
- Construction of the Perry Street noise wall
- Installation of panels on busway portal



Top: Mechanical and electrical fit-out of Airport Link tunnel from Truro Street

Middle: Work at the busway plaza

Middle lower: Installation of permanent concrete lining in the Airport Link tunnel

Lower: Pavement work in the busway tunnel entrance

CONSTRUCTION
update



24 Hour Community hotline
1800 721 783

Register now for SMS & Email updates
www.brisconnections.com.au



KEDRON UPDATE

NEW WORK

- Installation of drainage on the Stafford/Gympie Road flyovers
- Sheet pile installation along Gympie Road, south of Brookfield Road
- Stafford Road widening work ongoing - including the temporary closure of Figgis Street and Bradley Avenue and partial closure of Glenfern Avenue
- Gympie Road widening work ongoing, transitioning to the western side
- Footpath reinstatement on Stafford and Gympie Roads

ONGOING WORK

- Electrical service relocation work on Gympie Road
- Installation of hand-rails, pre-cast decks and concrete barriers on the Stafford/Gympie Road flyovers
- Excavation activities under the intersection of Stafford/Gympie Roads for the Northern Busway and at Kedron North
- Construction of the Ventilation Station Outlet (VSO) within the Kedron Central site
- 24-hour tunnelling work from the Kedron Central site
- Work on Stafford Road to install sewer infrastructure
- Gympie Road widening work between Broughton Road and Cremorne Road
- Services installation at the Kedron Brook busway station
- Stafford Road widening work, including the temporary closure of Beaconsfield Terrace and Clarence Road at Stafford Road
- Landscaping on Gympie Road east, between Leckie Road and Park Terrace
- Lutwyche Road drainage work, street lighting and line marking
- Installation of hand-rails and parapets across Kedron Brook for the Northern Busway bridge
- Construction of new bus stop shelters on Gympie Road
- Landscaping work along Kedron Brook, including installation of riffles
- Electrical service relocation work on Swan and Suez Streets
- Backfill operation of the Airport Link off-ramp behind the Kedron Park Hotel

UPCOMING WORK

- Clarence Road drainage work
- Service installation works on Somerset Road
- Stafford Road widening work ongoing, the next stage is down the centre of Stafford Road from Rose Lane to Bradley Avenue
- Gympie Road widening work ongoing, the next stage is down the centre of Gympie Road between Broughton Road and Cremorne Road
- Temporary closure of Leckie Road from Gympie Road to install concrete wall units



Top: Aerial view of Kedron Central site

Middle: Removal of piles at Stafford Road tunnel on-ramp

Middle lower: Landscaping along eastern side of Gympie Road

Lower: Continuation of Kedron Brook busway station platform works

CONSTRUCTION
update



24 Hour Community hotline
1800 721 783

Register now for SMS & Email updates
www.brisconnections.com.au



WOOLOOWIN UPDATE

NEW WORK

- Removal of concrete hardstand inside the acoustic shed
- Disconnection of power from the substation
- Operation of generators for power supply

ONGOING WORK

- Disassembly of the acoustic shed, ventilation outlets and footings
- Construction of road pavement in the Airport Link tunnels
- Installation of concrete tunnel arch lining
- Lining of the sump and cross passages
- Excavation, concreting and installation of pits to construct roadway drainage and cross passage floor slabs
- Electrical pit and conduit installation
- Mechanical and electrical fit-out of cross passages
- Steel fixing, formwork and concreting for tunnel arch lining support and inverts
- Mechanical and electrical fit-out of substation
- Construction of smoke duct

UPCOMING WORK

- Disconnection and removal of temporary services
- Removal of the Energex substation
- Removal of concrete hardstand outside the acoustic shed
- Removal of the noise barrier and footings



Top: Demobilisation of the acoustic shed

Lower: Construction of pavement in Airport Link tunnel

CONSTRUCTION
update



24 Hour Community hotline
1800 721 783

Register now for SMS & Email updates
www.brisconnections.com.au



TOOMBUL UPDATE

NEW WORK

- Footpath reinstatement outside 888 Sandgate Road
- Gas installation along Sandgate Road
- Installation of gantry posts along Sandgate Road
- Mobilising of 600t crane at the Kalinga Park East worksite
- Operation of 600t crane to install roof beams at the Kalinga Park East worksite
- Installation of the living green wall baskets

ONGOING WORK

- Construction of the cut-and-cover tunnel roof beams and smoke ducts at the Kalinga Park East worksite
- Construction of tunnel road barriers at the Kalinga Park worksites
- Mechanical and electrical fit-out of the Ventilation Station, electrical substation and Fire Deluge System
- Installation of conduits throughout Kalinga Park
- Relocation of water and electrical services along the eastern and western sides of Sandgate Road, from Noble Street to Centro Toombul
- Construction of a new pathway bridge across Schulz Canal, between AirTrain and the North Coast Railway Line
- Construction of a flood wall along the western side of Sandgate Road, north of the East West Arterial Road intersection
- Sandgate Road footpath work
- East West Arterial Road noise wall maintenance
- Installation of over-height detectors and signage posts along Sandgate Road
- Removal of the gantry crane and acoustic shed in Kalinga Park West
- Installation of architectural panels around the tunnel entry
- Construction of an Air Quality Monitoring Station on private property next to the Eagle Junction Creek
- Installation of gantry posts and sign posts along East West Arterial Road

UPCOMING WORK

- Installation of services along the western side of Widdop Street and across to the Widdop Street off-ramp
- Fire deluge facility drainage and landscaping work
- Realignment of Wongara Street cul-de-sac and installation of a guard rail
- Waterproofing work in the cut-and-cover structure in Kalinga Park East
- Installation of off-ramp lighting in the cut-and-cover structure in Kalinga Park East
- East West Arterial Road underpass asphaltting, line marking and lighting installation
- Demolition of flood walls within the Kalinga Park West worksite
- Installation of East West Arterial Road signage
- Painting of the Ventilation Station Outlet
- Work on the drainage pit within the Kalinga Park East worksite



Top: Demobilisation of Kalinga Park acoustic shed

Middle: Installation of the living green wall irrigation system

Middle Lower: Construction of tolling gantry at entrance to Airport Link tunnel

Lower: Smoke duct installation in cut-and-cover tunnels

CONSTRUCTION
update



24 Hour Community hotline
1800 721 783

Register now for SMS & Email updates
www.brisconnections.com.au

