

# CONSTRUCTION update



WEEK COMMENCING 6 February 2012

## WHAT'S new...

### TRURO STREET SITE UPDATE

From Wednesday, 8 February 2012, work will commence to backfill the Truro Street decline ramp that has provided access to the Airport Link tunnels for just over two and a half years.

This entry point was used for construction access purposes only and is not required for traffic so will be filled as part of the final design for Clark Park.

The backfilling operation will continue until mid March and use material such as soil and flowable fill, a mixture of sand and cement. What took approximately three months to excavate will take around one and a half months to fill.

In late February/early March 2012, the Truro Street site will take the next step toward reinstatement with the removal of the site offices, which will take approximately three weeks to complete.

Construction will then commence on the car park and pathways that will provide access through Clark Park and to the new bus stops.



**Top:** Aerial view of the Truro Street site showing the decline ramp

**Bottom:** Aerial view of the Truro Street site



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# BOWEN HILLS UPDATE

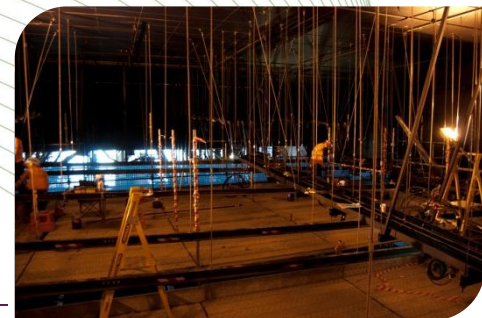
## NEW WORK

- Construction of the southbound Northern Busway platform including minor rock hammering, excavation and concreting
- Site establishment and installation of an Air Quality Monitoring Station in parkland between Cartwright Street and Bryden Street
- Asphalting of the Airport Link mainline carriageway at the tunnel portal



## ONGOING WORK

- Landscaping of the hill-top park, including installation of trees, plants, path lighting and painting of the concrete retaining walls
- Landscaping of the Mann Park playground
- Landscaping and painting of the new Gallway Street noise wall
- Installation of lighting, gantry signs and median barriers on the Airport Link bridge connections
- 24-hour tunnelling activities continue within the tunnel from the tunnel portal site, including mechanical and electrical fit-out and commissioning of tunnel support facilities
- Filling of the fire deluge tanks between 12am and 4am and testing of fire safety systems in the tunnel
- Minor footpath reinstatement and services installation work on Lutwyche Road, between Butterfield Street and Newmarket Road
- Signage installation around the Mayne Road, Hamilton Place and Campbell Street area
- Landscaping of Campbell Street near the Airport Link bridge connections
- Landscaping around the Federation Street busway stop site
- Drainage installation, line marking and work on permanent noise barriers on the Inner City Bypass (ICB)
- 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:** Aerial view of the Bowen Hills site

**Middle:** Pedestrian and cycle path along Enoggera Creek

**Middle Lower:** Mechanical and electrical fit-out in the northbound tunnel

**Bottom:** Shelter on hill-top park

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# WINDSOR LUTWYCHE UPDATE

## NEW WORK

- Installation of traffic signal footings at the Fosbery Street junction

## 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
- Pre-cast panel installation and service installation at 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
- Work along Lutwyche Road from High Street to Albion Road including kerbing work, traffic signal upgrades, drainage installations and concreting
- Bonython Street water services work
- Service installation on Lutwyche Road between Bradshaw and Thistle Streets
- Installation of fencing within the Lutwyche busway station plaza
- Final pavement overlay on Lutwyche Road between Constitution Road and Fuller Street
- Asphaltting of Truro Street bus lanes
- Footpath reinstatement on Lutwyche Road between High and Stoneleigh Streets
- Construction of the Perry Street noise wall
- Installation of panels on the busway portal

## UPCOMING WORK

- Backfill of the Truro Street mainline tunnel decline
- Milling of the Lutwyche Road and Bradshaw Street intersection
- Installation of fencing at the rear of the Windsor State School bus stop
- Installation of signals at the Fosbery Street junction for emergency services



**Top:** Aerial view of Lutwyche Busway Station

**Middle:** Completed shotcrete in the southbound TBM burial chamber

**Bottom:** Roblane Street bus stop

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# KEDRON UPDATE

## NEW WORK

- Extension works of the Airport Link Operation Centre car park
- Conduit installation on Gympie Road
- Installation of kerbing at Arnott Street
- Reinstatement of the Kedron Park Hotel car park

## ONGOING WORK

- Electrical service relocation work on Gympie Road
- Installation of drainage and painting on the Stafford/Gympie Road flyovers
- 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 and Cremorne Roads
- Services installation at the Kedron Brook busway station
- Lutwyche Road drainage work, street lighting and line marking
- Installation of hand-rails and parapets across Kedron Brook for the Northern Busway bridge
- Landscaping work along Kedron Brook, including installation of riffles
- Stafford Road widening work ongoing, including temporary closure of Figgis Street and Bradley Avenue and partial closure of Glenfern Avenue
- Footpath reinstatement on Stafford and Gympie Roads
- Temporary closure of Leckie Road from Gympie Road to install concrete wall units
- Telecommunication service relocation work on Gympie Road
- Clarence Road drainage work
- Landscaping on Gympie Road between Cremorne and Howell Streets

## UPCOMING WORK

- Service installation work 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 and Cremorne Roads
- Installation of new bus shelters on Gympie Road
- Installation of Super T beams for the Gympie Road flyover
- Final overlay of the Gympie/Stafford Road flyover
- Final overlay of the Northern Busway bridge
- Gantry sign installation on Stafford and Gympie Road



**Top:** Aerial view of the Kedron flyovers

**Middle:** Construction of the Kedron Brook busway station

**Middle lower:** Airport Link Operations Centre reception

**Bottom:** Backfilling of the Kedron tunnel access shaft

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# WOOLOOWIN UPDATE

## NEW WORK

- Demolition of the Energex substation

## ONGOING WORK

- Placement of temporary fencing and removal of the acoustic noise barrier
- Footpath diversions and detours during noise barrier removal
- Installation of roadway barriers within the tunnels
- Construction of road pavement in the Airport Link tunnels
- Mechanical and electrical fit-out and painting of tunnels
- Mechanical and electrical fit-out of cross passages
- Mechanical and electrical fit-out of substation
- Construction of smoke duct

## UPCOMING WORK

- Reinstatement of driveways



**Top:** Painting of the Airport Link tunnels

**Bottom:** Removal of the acoustic shed concrete hard-stand

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# TOOMBUL UPDATE

## NEW WORK

- Installation of gantry posts and gas service along Sandgate Road
- Fire deluge facility concrete hardstand, drainage and landscaping work
- Realignment of Wongara Street cul-de-sac and installation of a guard rail
- Construction of permanent noise barrier from Alma Road to the substation
- Commissioning of the Ventilation Station
- Realignment of the Lewis Street drain at North Coast Railway
- Closure of construction access beneath North Coast Railway
- Flood mitigation work within Schulz Canal
- Commence back fill of Kalinga Park East
- Asphaltting of Kalinga Park East cut and cover tunnels
- Reinstatement of haul road east of Widdop Street
- Installation of Ross Park landscaping including bollards and footpaths

## ONGOING WORK

- Demobilisation of tower crane, including demolition of footings
- Demolition of flood walls and concrete hardstand and preparatory work for back fill of tunnel roof within Kalinga Park West worksite
- Steel fixing, formwork, concreting and waterproofing of cut and cover tunnel roof slabs
- Mechanical and electrical fit-out of the Ventilation Station, electrical substation and Fire Deluge System
- Construction of drainage pit within Kalinga Park East worksite
- Installation of conduits throughout Kalinga Park
- Gas installation along the western side of Sandgate Road
- Construction of the Sandgate Road western footpath from the AirTrain to the Centro Toombul intersection
- Installation of posts and signage along Sandgate Road and East West Arterial Road
- Maintenance of East West Arterial Road noise barrier
- Installation of architectural panels at the tunnel portal
- Construction of an Air Quality Monitoring Station on private property next to Eagle Junction Creek
- Installation of gantry and sign posts along East West Arterial Road and Sandgate Road
- Sign ITS and conduit installation along Sandgate Road and East West Arterial Road
- Installation of living green wall baskets
- BMX track upgrade

## UPCOMING WORK

- Demolition of floodwalls at Kalinga Park East worksite
- Installation of services along the western side of Widdop Street, to the Widdop Street off-ramp
- East West Arterial Road underpass asphaltting, line marking and lighting installation
- Painting of the Ventilation Station Outlet
- Sandgate Road footpath work
- Divert Stuckey Road drain to permanent alignment



**Top:** Installation of living green wall baskets

**Middle:** Cut-and-cover roof slab

**Middle lower:** Aerial view of the Toombul tunnel portals

**Bottom:** Construction of the Sandgate Road floodwall

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