

North-South Corridor Darlington Upgrade Project Newsletter



February 2017

What has happened to date?

The Gateway South construction team (a Joint Venture between Fulton Hogan and Laing O'Rourke) moved into the site compound on the corner of Sturt Road and Laffer Drive, Bedford Park in mid 2016 and has been undertaking early works to prepare the site for major construction activities, which have recently commenced.

Early works included:

- utility service relocations
- vegetation removals
- concrete median removals
- traffic shift
- temporary pavement works
- stormwater drainage works.

Design overview

Detailed design for the project is being progressively completed and will continue over the coming months.

We understand that local and business access in St Marys and the section of Clovelly Park north of Ayliffes Road is very important and we are continuing to investigate design options to achieve project requirements whilst maintaining local access.

We will provide opportunities for the St Marys and Clovelly Park community to find out more about

the design and provide comment in the coming months.

If you would like to meet with us please contact 1300 759 334 or email: enquiries@gatewaysouth.com.au to arrange a suitable time.

Construction overview

The project site is located along Adelaide's busiest section of road, with approximately 73,000 vehicles per day using the section of Main South Road between the Southern Expressway and the Ayliffes Road/Shepherds Hill Road intersection.

One of our key priorities is keeping traffic flowing during peak times and maintaining access to critical facilities such as Flinders Medical Centre, Flinders University and Flinders Private Hospital.

The construction program will be staged, with the new surface roads and bridges constructed first so that traffic can be shifted onto these new roads while the lowered motorway is being constructed. This will ensure that the current number of lanes available in peak periods are retained, whilst providing a safe environment for all road users and construction workers.

Upcoming works

Works will occur across the project site at various locations and will generally be undertaken seven

days a week, both during the day and at night. Works will be planned to minimise disruption wherever possible and advance notice of works that have an impact will be provided to residents.

Drainage works

Works are well underway at the northern end of the project site to install stormwater drainage via a method called 'pipe-jacking'. Pipe-jacking requires the excavation of two large pits at either side of the road and installation of a pipe beneath the road surface using a horizontal drilling process.

The works are occurring beneath South Road, between the Mitsubishi building and Ragless Reserve adjacent Auricchio Avenue, and are scheduled for completion in March 2017.

Roadworks

Construction of the northbound surface road between the Southern Expressway and Flinders Drive started in late October 2016. To facilitate this, traffic on Main South Road was shifted to the east in October 2016.

Between November 2016 and mid 2017, construction of the new surface roads will continue along both sides of the future non-stop motorway. Preparatory work for the Flinders Drive Extension (new road connection linking Flinders Drive to Sturt Road) has begun and will continue throughout 2017.

Bridge works

Eight bridge structures will be constructed as part of the project, at the locations outlined below:

- Sturt River (northbound carriageway of Main South Road only)
- The Main South Road northbound bridge onto the surface road (over the Southern Expressway)
- The Main South Road northbound bridge onto the lowered motorway (over Southern Expressway)
- Flinders Drive
- Sturt Road
- Mimosa Terrace/Sutton Road
- Ayliffes Road flyover (over Shepherds Hill Road)
- Tonsley Boulevard.

Sturt River bridge works

on Main South Road are expected to commence in early 2017 and will involve the installation of a new arched structure over the existing northbound carriageway.

For safety reasons, there will be temporary closures of the Sturt River pedestrian underpass as required. Signage will be installed to advise of the temporary closure and associated detours.

Flinders Drive bridge works

are scheduled to start in February 2017 and are expected to be complete in late 2017.

In late 2016, works commenced to construct the foundation of the Main South Road northbound bridge onto the surface road (over the Southern Expressway).

Piling

Piling activities will be undertaken across the length of the project site and commenced in late 2016 on the western side of Main South Road, adjacent the Southern Expressway. Piling works will progressively move north towards Sturt Road.

Piling is the construction of columns in the ground that provide vertical and horizontal support to a structure.

Piling works will also be undertaken on the eastern side of Main South Road from Flinders Drive to Riverside Drive from early 2017.

CFA piling rig



Utility services works

Service deepthing works to locate utility services will continue across the project site until April 2017. These works will occur at night between the hours of 8pm and 6am seven days a week or as required.

Major utility services works at the Sturt Road intersection with Main South Road and on Sturt Road commenced in November 2016 and will continue until late April 2017. The majority of major utility services works at Sturt Road will be undertaken at night from Monday to Saturday, between the hours of 8pm and 6am.

Works will also be undertaken during the day outside of peak periods, including Saturdays and Sundays. These works include the installation of:

- new water and sewer mains on Sturt Road through the intersection with Main South Road and 100 metres along both approaches of Sturt Road
- electrical and telecommunications services within the intersection
- traffic signal cabling and infrastructure within the intersection.

Pipe-jacking works at the northern end of the project site. Two 1800mm diameter pipes being installed underneath South Road to carry stormwater.



Local Access

The Darlington Upgrade Project will result in permanent changes to local access, as outlined below.

In addition, there will be some short term closures of local roads during construction of the project and we will provide residents and stakeholders with advance notice of these closures.

Bedford Park South

- Brookside Road: Remains open with all movements (right in, right out, left in, left out) available via a new signalised intersection. A u-turn movement will be available for southbound motorists wishing to travel north
- Riverside Drive: Remains open with right turn in, left in, and left out available (right turn out removed)
- Franklin Avenue: Remains open with left in and left out available
- Richard Street: Remains open with left in and left out available

Bedford Park

- Sutton Road: Remains open with new bridge to be constructed to link with Mimosa Terrace. All movements available via a signalised intersection.
- Mimosa Terrace: Remains open with new bridge to be constructed to link with Sutton Road. All movements available via a signalised junction.
- Maidstone Road: Remains open with left in and left out available (right turn in removed)
- Lincoln Road: Remains open with left in, left out available (as per existing).

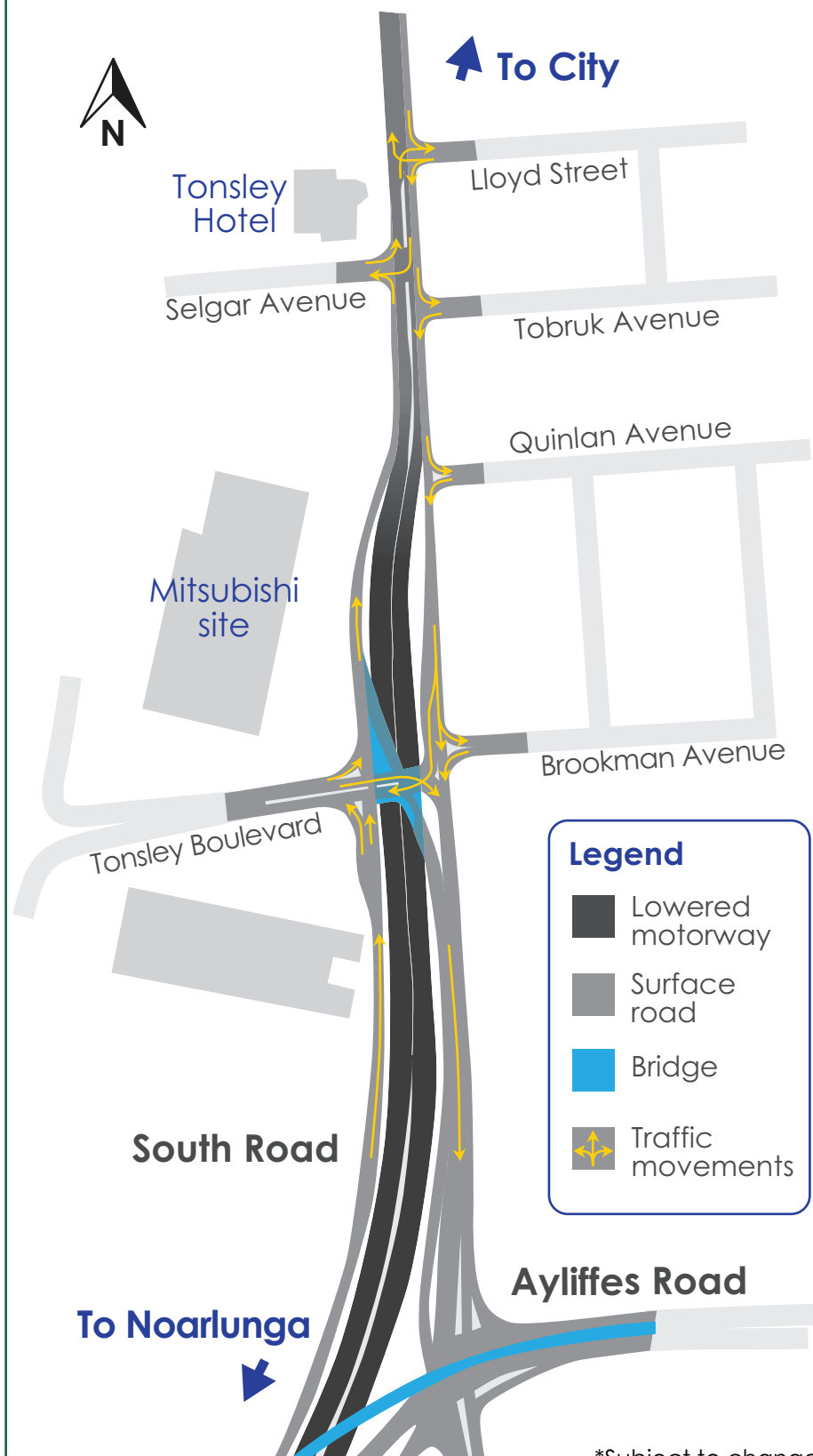
Clovelly Park

- Birch Crescent: Remains open with all movements available (right in, right out, left in and left out). New connection available through to Flinders Drive Extension.
- Maple Avenue: Remains open with left in only (left out removed)
- Hugh Cairns Avenue: Remains open with access via Flinders Drive Extension.

Tonsley Boulevard to Ayliffes Road Concept design

The design for the section of South Road between Ayliffes Road and Tonsley Boulevard is currently in the concept phase. **As such, the local access arrangements for St Marys and Clovelly Park in this northern section are subject to further investigations and change.**

The map below provides an overview of the current concept design.



*Subject to change

Bus Stop Changes

On Monday 13 February 2017, bus stop 25A (west) and 25B (west) were permanently closed due to the closure of the footpath along the western side of Main South Road between Mimosa Terrace and Ayliffes Road. Bus stop 25B (east) will be permanently closed on Wednesday 1 March 2017.

Notice of the closures and alternative bus stop locations will be provided on the Adelaide Metro website at:
<https://www.adelaidemetro.com.au>

Further changes to bus stops will be required during construction, with information provided on the Adelaide Metro website.

Project Assessment Report

The Project Assessment Report has been published on the Darlington Upgrade Project website for viewing.

Please find the link below:
http://www.infrastructure.sa.gov.au/nsc/darlington_upgrade_project/publications

Should you like further information regarding the Project Assessment Report please contact the project team on 1300 759 334.

Community Liaison Group

A Community Liaison Group (CLG) was formed during the planning phase of the project to address local issues.

Moving into the construction phase, DPTI will form a new CLG to provide a forum for local residents and businesses to discuss and exchange information about the project.

The area has been divided into five geographical zones, as follows:

- Zone 1: Flagstaff Hill Road to Flinders Drive
- Zone 2: Sturt Road to Shepherds Hill Road
- Zone 3: Birch Crescent to Mimosa Terrace
- Zone 4: Area bound by Ayliffes Road, South Road, Walsh Avenue and Cashel Street
- Zone 5: Area bound by Tonsley Boulevard, South Road, English Avenue and Renown Avenue

If this sounds like something you would like to be involved in, please visit the project website to fill in an application form or contact us on 1300 759 334 to discuss in more detail.

Noise Mitigation

The impact of road traffic noise from the project will be managed using a combination of acoustic house treatments, noise walls and road design.

Noise walls will be installed between the road corridor and residential properties in the following locations:

- Between Shepherds Hill Road and Sturt Road (eastern side of road corridor)
- Between Sturt Road and Mimosa Terrace (western side of road corridor)
- Between Flinders Drive and Riverside Drive (eastern side of road corridor).

Noise walls will generally be 3.5 metres high, unless noise modelling requires otherwise.

We are aiming to install noise walls as early as possible in the construction program.

For more Information

Call: 1300 759 334

Email: enquiries@gatewaysouth.com.au

Visit:

www.infrastructure.sa.gov.au/darlington

Drop in to the site office:

Level 2A, Sir Mark Oliphant Building
5 Laffer Drive, Bedford Park.

The project also supports equitable access to information. Translation of project information can be provided upon request.

Artist's impression of Main South Road intersection with Flinders Drive

