

Nottage Terrace and North East Road Intersection Upgrade

Project overview

The Australian and South Australian Governments are jointly funding (50:50) the \$6 million Nottage Terrace and North East Road Intersection Upgrade. The upgrade is expected to support approximately 10 full-time equivalent jobs over the life of the project.

The Department for Infrastructure and Transport (the Department) is responsible for delivering this project.

Why is this upgrade planned?

North East Road is a major commuter corridor providing an important connection between the CBD and Adelaide's north-eastern suburbs. This intersection upgrade will increase the capacity for vehicles turning left onto North East Road from Nottage Terrace, creating an overall improvement of traffic flow for vehicles travelling between Main North Road and North East Road along Nottage Terrace.

Approximately 62,000 vehicles use this intersection daily and it is currently over capacity in both the morning and afternoon peak. Drivers using the intersection are experiencing heavy congestion.

During the five-year period between 2016 and 2020 there were 50 reported crashes at the intersection. 40% of the crashes at the intersection were right turn crashes.

When speaking with the community about the nearby Main North Road and Nottage Terrace intersection, feedback was received that an upgrade was also required at this intersection.

Have your say on the Nottage Terrace and North East Road Intersection Upgrade

Feedback can be provided on the proposed concept design until 1 March 2022

We invite you to view the proposed concept design and provide your feedback via a range of options:

- return the reply-paid survey that has been provided with this newsletter;
- complete an online survey or book an opportunity to meet virtually with the project team at dit.sa.gov.au/nottage_northeast or scan the below QR code:



- call 1300 794 880 to speak to the project team; or
- email dit.communityrelations@sa.gov.au

Project benefits

This intersection upgrade is expected to:

- improve travel times, particularly for drivers turning left from Nottage Terrace onto North East Road in the afternoon peak period;
- improve bicycle facilities; and
- improve safety for road users.

This work will complement the recently completed Main North Road and Nottage Terrace intersection upgrade.

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Department for Infrastructure
and Transport

Proposed concept design

Since we wrote to you in June 2021 to advise funding was allocated to this intersection upgrade, a proposed concept design has been developed to address the current intersection issues.

The concept design features include:

- widening of Nottage Terrace (north side) to accommodate two turn left lanes onto North East Road;
- upgraded pedestrian crossings and traffic islands at the intersection, including new pedestrian crossing lights and ramps;
- road re-surfacing and new line marking;
- a new east bound bike lane on Nottage Terrace through the intersection; and
- new and upgraded traffic signals, road lighting and drainage.

As part of this proposed intersection upgrade, it is necessary to remove the right turn from Stephen Terrace to North East Road (during the peak periods only) and remove the parking lane on the northern side of Nottage Terrace (between Corbin Road and Hawkers Road). More information about why this is required is provided later in this newsletter.

Further detailed design work is required before the design is finalised.

Your views are important to us

The proposed concept design is now available for public comment.

It can be viewed over the page or via the project website at dit.sa.gov.au/nottage_northeast

This proposed concept design aims to balance numerous factors including traffic performance, safety improvements, project cost and impacts.

All feedback will be provided to the project team for review and consideration and will help inform the detailed design that will be developed over the coming months.

The Department will continue to tailor community engagement opportunities in line with the latest COVID-19 advice from health authorities. Face-to-face engagement opportunities are currently restricted. We will continue to be guided by the advice of health authorities, with the health and safety of the community always our highest priority.

Due to the site constraints and the existing intersection issues to be addressed, there are limited opportunities to modify the proposed road layout.

There is however an opportunity for the community to help shape:

- operational elements of the intersection upgrade including access, signalling and parking; and
- the urban design and revegetation elements of the project in the north-western corner of the intersection, in collaboration with the Department and the City of Prospect.

Why does the right turn from Stephen Terrace to North East Road need to be removed during the peak periods?

As part of the proposed intersection upgrade, right turns from Stephen Terrace onto North East Road will not be allowed between 7am and 10 am and between 3pm and 7pm Monday to Friday. They will continue to be allowed outside of those times.

Currently in peak periods, traffic turning right from Stephen Terrace onto North East Road does so uncontrolled (with no dedicated green arrow).

Introducing dual left turning lanes from Nottage Terrace onto North East Road will mean it is not safe to allow uncontrolled right turns from Stephen Terrace onto North East Road during peak periods as both lanes on North East Road will be used by vehicles turning left from Nottage Terrace.

A separate dedicated right turn green arrow from Stephen Terrace onto North East Road during the peak periods would mean the traffic delays would be worse than what is currently experienced.

The number of vehicles turning right from Stephen Terrace onto North East Road in peak periods is low compared to the total volume of traffic passing through the intersection.

A site survey conducted on a typical mid-weekday recorded only 46 vehicles turning right in the AM peak hour (7:30am-8:30am) from Stephen Terrace onto North East Road and 68 in the PM peak hour (4:30pm-5:30pm.) These turning movements compare with around 5,700 vehicles passing through the intersection in the AM peak hour (7:30am-8:30am) and about 5,300 in the PM peak hour (4:30pm-5:30pm.)

Electronic signage will be in place to provide advance notice of traffic changes.

There are alternate routes to access North East Road from Stephen Terrace, including Walkerville Terrace and Smith Street or Walkerville Terrace, Vale Street and Ascot Avenue.

Why does a section of street parking need to be removed?

The removal of the parking lane on Nottage Terrace (north side) between Corbin Road and Hawkers Road will allow for the additional left turn lane for the purpose of improving traffic flow on approach to the intersection for eastbound traffic. This dual left turn lane is a key component of the intersection upgrade.

The Main North Road and Nottage Terrace intersection upgrade opened to traffic in November 2021.

The upgrade delivered dual right-turn lanes onto Nottage Terrace, reducing lengthy delays during peak times and ensuring a shorter commute for the approximately 66,750 motorists who travel through this intersection every day.

Thank you to all community members for your support while this project was delivered.

Upcoming site preparation activities

Site assessment works

Site assessments works are underway, mainly potholing to identify underground utilities, undertaken at various locations within the project area.

Speed and lane restrictions will be in place as required in the vicinity of the works; however, the intersection will remain open to traffic at all times. There is no change to public transport services.

Demolition works

While every effort has been made to minimise the impacts to adjacent properties, some property

acquisition is required on the north-western quadrant of the intersection. All directly impacted property owners are aware of this requirement.

Demolition of these properties is expected to start in mid-February 2022, and take approximately two months to complete, weather permitting. Works will be undertaken from Monday to Saturday between 7am and 5pm. Some works may also be required on Sundays between 9am and 5pm.

Prior to the demolition works starting, temporary fencing will be installed around the properties to secure the site. Utility service disconnections will also occur but will not impact nearby properties.

As part of standard demolition works, an asbestos assessment will be completed and any identified asbestos will be removed by a licenced asbestos contractor. Some vegetation on the properties will also need to be removed.

Pedestrians are advised to take care when moving through the area. For safety reasons there may be some restricted access. Temporary and minor traffic restrictions may also occur.

Signage will be in place to alert all road users and pedestrians to any temporary changes to traffic conditions. Please take extra care when workers are on site. Observe speed limits, lane restrictions and traffic controllers when travelling through the area.

Some noise can be expected at times while these works are completed, however work will be managed to minimise disturbance.

What's next?

Major construction is expected to commence in mid-March 2022 and be completed in mid-2022. Further updates will be provided as the design progresses in the coming months and prior to works commencing.

For more Information, to provide feedback or to track the progress of the Upgrade, please visit dit.sa.gov.au/nottage_northeast

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