

DELIVERING OUR TRANSPORT FUTURE NOW

northern expressway

FACT SHEET OCTOBER 2008



Sand plan an energy saver

The energy used to transport material to the Northern Expressway will be reduced by an innovative solution that means trucking in 'fill' from a local source.

Tonnes of earth material is needed to build an expressway's roadway surface and ramps. In the past, this material has been sourced from established quarries and hauled to the site by trucks – wasting considerable energy during the transportation.

Instead, the Northern Expressway Project will take over 1.5 million cubic metres of 'fill' material from a site near Gawler River – creating a detention basin that will assist with flood mitigation and drainage in the local area.

The Gawler River will be extensively revegetated – once the earth material has been taken – using local plant stocks. The side of the detention basins will also be sculpted to prevent erosion.

This is a win-win outcome for the local Gawler residents and the Northern Expressway Project team, as it is saving natural resources and energy, resulting in a more sustainable project.

What traffic management will occur during construction?

Traffic management is a key to safety during construction.

With a major project the size of the expressway there will be traffic delays and some inconvenience, but the project team have systems to keep any disruption to a minimum.

Professional traffic planning will maximise personal safety for the local community, drivers and workers.

Where local roads ultimately form part of a major interchange, temporary traffic lights will be used for managing occasional stoppages. Dual lane traffic flows will be maintained on these significant local roads.

Variable electronic message signs will provide early advice to local commuters across the project. The Northern Expressway website also has an upgraded interactive map to advise all road users of latest traffic changes.

The project will try to avoid using local roads for any large construction vehicle traffic.

Residents will be advised by various means to plan ahead and to make extra time for their important daily travel plans such as school drop-offs or work commitments.

Wherever possible construction equipment will be kept clear of the local road system and will use the expressway corridor as a construction 'highway' as it is developed.

When will traffic be stopped?

Local road traffic will only be stopped at a controlled intersection when a large haul truck or heavy excavation equipment needs to cross the local road.

Will there be traffic controls or lights?

At sites where interchanges are being constructed, temporary traffic signals will be installed and dual lane traffic flows maintained. The first of these will be on Angle Vale Road and Curtis Road where they intersect the expressway corridor.

These traffic signals will mainly be in operation during construction working hours, which will take place on weekdays between the hours of 7:00 am and 5:30 pm and between 7:30 am and 3:00 pm on Saturdays.

What other works are happening?

In addition to main intersections, there will be traffic control systems for many localised services works being carried out along the corridor.

Important local underground services that provide power, water, sewage and telephone must be relocated along the route and while these are minor works, their maintenance and importance is a primary concern.

Where possible the project team will place electronic warning signs at key locations to advise road users in advance.

> See centre pages for a detailed map...

All enquiries: 1300 658 621 Visit: www.northernexpressway.sa.gov.au Email: northernexpressway@saugov.sa.gov.au

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An Australian Government Initiative



Government of South Australia
Department for Transport,
Energy and Infrastructure

northern expressway

Traffic Management



1 Penfield Road intersection:

Traffic signals will be placed at the intersection of the road works corridor in early 2009. Standard two way traffic will remain in operation at all times. Traffic lights will only be operating during working hours. As this equipment is set up on any day there may be minor delays.



2 Heaslip Road:

Traffic signals will be placed at the intersection of the road works corridor in October. Standard two way traffic will remain in operation at all times. Traffic lights will only be operating during working hours. As this equipment is set up on any day there may be minor delays.

Monitoring of conditions at peak hours will ensure there is minimal disruption to traffic flow.



3 Curtis Road:

Traffic signals will be placed at the intersection of the road works corridor in October. Standard two way traffic will remain in operation at all times. Traffic lights will only be operating during working hours. As this equipment is set up on any day there may be minor delays.

JUNE 2007
South Australian Government
approval of the Northern
Expressway route

SEPTEMBER 2007
Formal land acquisition
process commenced

FEBRUARY 2008
Port Wakefield
Road upgrade
commenced

MARCH 2008
Tenders closed for
the Design and
Construct contract



Road Closure plans

Road closures at the expressway will take effect progressively as the road is constructed. Local residents are being advised and communication is occurring with councils, all emergency services, transport industry and delivery service providers.

The Northern Expressway interactive map will be updated regularly so please check the website or call the information line for up-to-date information.

Estimated permanent closure dates have been advised for some roads and the website will be updated as they are confirmed.

ROAD	DATE ESTIMATED
Hillier Road	October
Whitelaw Road	October
Fradd Road	October
Petherton Road	October
Argent Road	October
Womma Road	December
Short Road	Early 2009
Taylor's Road	Early 2009
Pellew Road	Early 2009
Huxtable Road	Early 2009
Nash Road	Early 2009

Will pedestrians & cyclists have local links?

A shared use path that links communities along the expressway corridor will become a significant additional feature of the Northern Expressway project.

The path will run from Port Wakefield Road to Gawler, providing a significant improvement to cycling and walking networks in the north and paving the way for increased pedestrian and cycling activity as development in the region continues to expand.

The path will provide the community with a new opportunity to walk, jog, run or cycle among the pleasant surroundings of the project's wetlands and landscaping.

It will be connected to adjoining roads and footpaths so people can choose where they access the path and over what length they wish to use it. The path will play an important role in connecting people locally and regionally by sustainable and active transport.

The path will provide residents of the north with further opportunity for safe, environmentally friendly travel or simply a place to take the family for an enjoyable walk or bike ride.

It demonstrates that the Northern Expressway is about linking people and resources and not only by motorised traffic but now will include walking and cycling.



4 Angle Vale Road:

Traffic signals will be placed at the intersection of the road works corridor in October. Standard two way traffic will remain in operation at all times. Traffic lights will only be operating during working hours. As this equipment is set up on any day there may be minor delays.



5 Two Wells Road:

Traffic signals will be placed at the intersection of the road works corridor in late October. Standard two way traffic will remain in operation at all times. Traffic lights will only be operating during working hours. As this equipment is set up on any day there may be minor delays.

APRIL – MAY 2008
Tender Assessment



JUNE 2008
Contract awarded for the
Northern Expressway

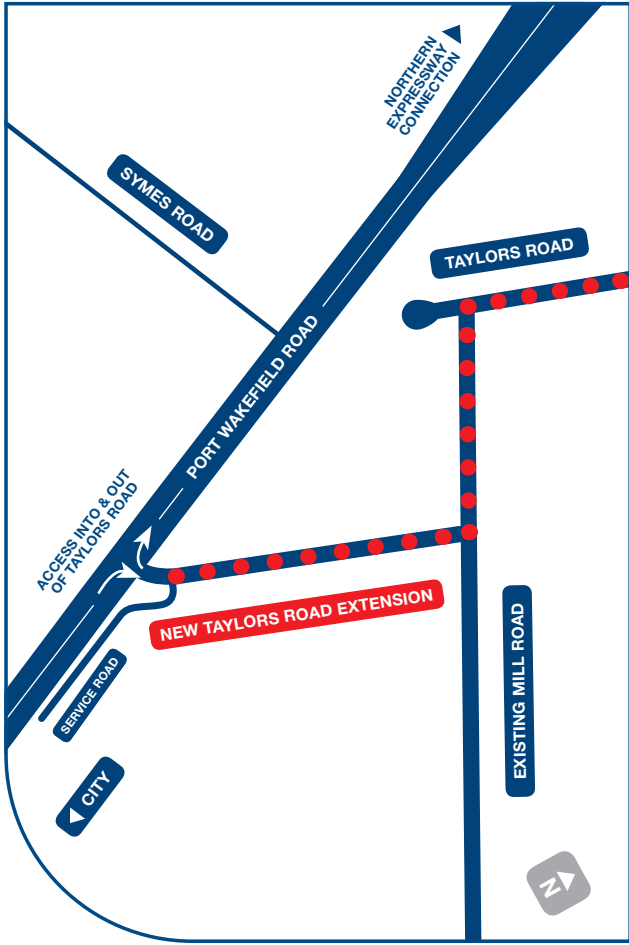


SEPTEMBER 2008
Construction begins on
the Northern Expressway
– WE ARE HERE –



DECEMBER 2010
Project completed





What changes will happen at Taylors Road?

To allow for the building of a full interchange at Port Wakefield road, a diversion of Taylors Road is needed to create a safer access for local vehicles to enter or exit Port Wakefield Road.

Taylors Road will be closed off with a cul-de-sac at the current intersection with Port Wakefield Road. A new access will be created further southwards via a short diversion into Mill Road where a new roadway is being built.

This 'short cut' connection road will link Mill Road to Port Wakefield road about 400 metres south of the existing intersection. A service road will be provided for properties along Port Wakefield Road at this new intersection.

The full service intersection for this new access to and from Taylors Road will provide safer access for residents in this area. It will enable safe right turns to travel northwards to Virginia in particular, as requested by residents.



Road Management Update

Why is Frisby Road being closed this month?

Construction work requires the temporary closure of Frisby Road between Curtis and Fradd Roads. This section of Frisby Road is being reconstructed and fully sealed and work will take several weeks.

When this is completed Fradd Road will be closed where it intersects with the expressway alignment. This will enable earthworks on the expressway alignment to proceed without construction vehicles using the local road network, to minimise disruption for local traffic.

Why is there increased activity on Wingate & Hillier Roads?

Initial activity requires truck haulage of fill material from pits on the north side of the Gawler River to the expressway alignment on the opposite side of the river.

Trucks will use Wingate and Hillier Roads for this work in the short term and traffic management systems will be in place to ensure the safe management of all vehicles.

At a later date Hillier Road will be closed where the expressway alignment crosses this road. Access to and from Hillier Road will then be from either Wingate Road or Angle Vale Road.

Can new bridges be used for traffic?

As soon as an overpass bridge and associated works are completed on the road corridor these structures will be put into use for local traffic.

Bridge construction earthworks will begin on Curtis Road and Angle Vale Road Interchanges.

Once these structures are complete local traffic and construction activity will be separated, to maintain local traffic flows.

Image above (left to right): Ian Tarbotton of contractor York Civil, Project Director Luigi Rossi, Playford Mayor Martin Lindsell and Bruce Rowell of contractor Fulton Hogan, at the start of construction at Curtis Road. The construction contract is being managed by locally based construction consortium the Fulton Hogan York Joint Venture.

Will the northern expressway create local jobs?

The Northern Expressway project will generate substantial employment and business opportunities over the course of its construction.

To assist with local job creation, the project has started a quick process for local workers and suppliers to register for possible work on the Northern Expressway Project.

With the site office now open on Curtis Road, registration forms are available locally for filling out at the site office.

This is a more direct and simple method of linking workers with the project now that the construction is underway.

Assisting the project with skills and supplier management is the Industry Capability Network South Australia (ICNSA) that promotes local industry through import replacement and opportunities for participation in major projects.

This group will provide purchasers with a free sourcing service to identify local suppliers capable of supplying goods and services to meet project requirements.

For more information:

www.icnsa.org.au

You can also register your interest through the Northern Expressway website: www.northernexpressway.sa.gov.au Or by visiting the Site Office on Curtis Road.

Image below: A new Gawler 'local', Greg Tate, from Elphinstone, Victoria – is welcomed to SA by Northern Expressway Project Director, Luigi Rossi. Mr Tate, a construction foreman, is a Victorian employee of Fulton Hogan, a company partner in the construction project team. Greg and his wife have moved to SA and are renting a home at Gawler for the next two years.



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