

DELIVERING OUR TRANSPORT FUTURE NOW

# South Road Superway

north-south corridor - Regency Road to Port River Expressway



> concept image of the Grand Junction Road intersection (image for illustrative purposes only)

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Australian Government

**Nation Building**



Government of South Australia

Department for Transport,  
Energy and Infrastructure

# South Road Superway

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### working together

The Australian and South Australian Governments are working together to improve transport efficiency and safety in South Australia, remove bottlenecks and reduce congestion in the metropolitan area.

In conjunction with the release of the *Strategic Infrastructure Plan for South Australia* in 2005, the South Australian Government announced its intention to create a non-stop north-south corridor between the Southern Expressway and the Port River Expressway.

Recognising the importance of a non-stop north-south corridor, the Australian Government has committed \$500 million through the *Nation Building Program* to partner the South Australian Government on this corridor upgrade of South Road - one of our major arterial freight routes and a critical north-south export link.

The South Australian Government has also committed \$430 million towards South Road over the next five years.

### nation building

The *Nation Building Program* funds projects that support local and national economic and social development by improving the safety, efficiency and reliability of the national transport network.

Motoring and transport bodies, like the South Australian Road Transport Association, South Australian Freight Council and the Royal Automobile Association all support investment in South Road.

The next construction priority for South Road is at the northern end between the Port River Expressway and Regency Road.

This will be the most expensive road project ever undertaken in South Australia. The South Road Superway planning study will refine a final design to meet the long term needs of road users – residents, business and industry – of this section of South Road.

A concept has been developed that will improve traffic efficiency and management, minimise construction affects like property acquisition and timeframes, as well as enhance road safety and local accessibility. At the same time, the proposal will help achieve broader economic, social and environmental priorities.

### elevated concept

The innovative corridor solution features an elevated road bridge providing multiple lanes in each direction above the existing South Road alignment.



> concept image of the Grand Junction Road intersection (image for illustrative purposes only)

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Study area map





> concept image of the Cormack Road intersection (image for illustrative purposes only)

This concept design follows a series of engineering and environmental investigations with input from local business operators and landowners on their specific transport and business needs.

## Road safety benefits will flow from the removal of an existing rail crossing on South Road and congestion at these intersections.

An elevated road way is considered the optimum design solution, and when constructed will be the first of its type in South Australia, creating a landmark gateway to metropolitan Adelaide from the north.

The South Road Superway will extend south from the Port River Expressway above the major intersections of

South Terrace/Wingfield rail line/ Cormack Road/Grand Junction Road and Days Road before reconnecting to South Road near Aruma Street. Local roads to be upgraded include Naweena Road as well as Hanson Road between Grand Junction Road and Cormack Road.

Interchanges at the Port River Expressway and Grand Junction Road, with good accessibility for east-west and north-south traffic, will ensure efficiency while service roads below will retain access to properties on South Road.

### elevation benefits

Road safety benefits will flow from the removal of an existing rail crossing on South Road and congestion at these intersections. Improved east-west movement across South Road and better access to the commercial and industrial precincts will also be realised.

The rigorous assessment to determine the best concept design saw consideration given to many forms of road upgrades including overpasses and underpasses.

However, the elevated road way option means:

- > less land used for construction
- > reduced effects on businesses and landowners
- > optimised east-west accessibility for commuters and freight
- > improved road safety and separation from rail lines
- > improved traffic efficiency
- > better environmental outcomes.

The Department for Transport, Energy and Infrastructure (DTEI) started working with residents, business and industry on the planning study earlier this year and to October 2009 it has:

- > consulted with business, community and government stakeholders
- > identified key vehicle access routes and freight movements
- > developed and assessed concept options
- > developed a concept design for local road network improvements
- > decided on a preferred design that maximises results for road users and local communities.

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## next steps

To complete the planning study the department will undertake an Environmental Impact Assessment for the preferred design. It will assess the economic, social and environmental effects of the project and outline ways to avoid or minimise these effects.

The department has been working with residents, businesses, industry groups and local government to determine the best approach for upgrading this section of South Road. To date more than 150 business operators and landholders along South Road and in neighbouring streets have been interviewed.

The information collected on business needs, access routes, the number and nature of vehicle movements, complete with suggestions for improvements to the local road network has informed the project.

The department will plan local road upgrades and construction of the South Road Superway to keep disruption to traffic and businesses at a minimum.

Local roads will be upgraded to ensure that traffic restrictions on South Road during construction are reduced and alternative routes available for local and arterial traffic access.

The local road upgrade will provide a new feeder network for local businesses well beyond construction of the South Road Superway.

## collaborating

Continued close community engagement with business operators, residents, interest groups and government agencies will ensure a range of opportunities for people to participate and provide information in a range of public forums. Input will also be sought to inform the Project Impact Report process for the road way and local road improvements.

As with all projects of this scale some property acquisition will be necessary.

## Context Map - South Road Superway



## Project milestones

To October 2009 we have started the planning study with the collection of data, ground surveys, traffic investigations and stakeholder engagement. Now we will undertake environmental, social and economic investigations and develop concept designs with the community. The milestones to come are:

- October 2009**
  - > Preferred scheme
- November 2009**
  - > Project approval, land acquisition process starts
- December 2009**
  - > Issue Expression of Interest
- March 2010**
  - > Issue tender documents
  - > Start construction on local roads
- November 2010**
  - > Award contract, start construction
- December 2013**
  - > Construction finished

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Under the *Highways Act 1926*, The department can acquire land required for road development purposes. We are working with affected businesses and/or landholders to provide information about the process as the project progresses.

A draft Project Impact Report will be released for public consultation later this year. Following community and stakeholder input, The department will finalise the assessment process and refine the road way and local road network designs.

The preferred scheme is expected to be ready for government review and approval in November 2009 and the

South Road Superway is anticipated to be open to traffic in late 2013.

The planning study considers many factors including how this project can contribute towards *South Australia's Strategic Plan* targets, like:

- > promoting economic growth
- > expanding export potential
- > providing strategic infrastructure.

This section of South Road is a key freight route providing a direct link to Adelaide's major industrial areas of Wingfield and Regency Park and connecting our industrial transport hubs: Adelaide Airport, Islington

Rail Terminal, Port Adelaide and Outer Harbor.

Complementary work to improve transport efficiency is the \$564 million Northern Expressway connecting the Sturt Highway with Port Wakefield Road, scheduled to be finished in September 2010, as well as the completed Port River Expressway and bridges.

Once constructed, the elevated road way will provide a safe and efficient link to the growth areas in the north of Adelaide and improve traffic movements through the commercial and industrial precincts of Wingfield and Regency Park.

## fast facts:

- > A major planning study to determine the best upgrade option for South Road and surrounds between the Port River Expressway and Regency Road has started.
- > The northern end of South Road is one of the most congested along the corridor with traffic delays at multiple locations.
- > The biggest delays occur at Grand Junction Road.
- > Once constructed, there will be immediate benefits to freight and commuter traffic with excellent connections to the existing road network.
- > Funding is available for the planning study and construction of the South Road Superway.
- > Construction on local roads is planned to start in March 2010 with construction on the South Road Superway expected to commence in November 2010.
- > It is anticipated the project will be open to traffic in late 2013.

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Se desiderate altre informazioni su questo progetto stradale telefonate al **1300 638 789**. Ci sono interpreti a disposizione.

Để có thêm thông tin về công trình đường bộ này xin hãy gọi điện thoại số **1300 638 789**. Sẽ có phiên dịch viên.

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