

1. What is the South Road Superway?

1.1 Project overview

The South Australian Government has a strategic vision to deliver to the Adelaide Metropolitan area a non-stop north–south corridor to provide for the movement of people and goods between the Port River Expressway and the Southern Expressway. South Road is the only continuous transport link between these areas and is crucial for community, businesses and industry.

The north–south movement of people and goods between Wingfield and Darlington is one of the most important components of the road transport system in metropolitan Adelaide. It connects the major inter-modal transport hubs of Adelaide airport, the Port of Adelaide, Outer Harbor and Islington Rail Terminal as well as providing access to Adelaide’s industrial hub in the northwest sector.

The proposed South Road Superway Project, between Regency Road to Port River Expressway, aims to address three transport challenges for South Australia (in particular the ‘Nation Building’ Adelaide Urban Corridor):

- lack of an efficient north–south transport corridor across the Adelaide metropolitan area for interstate freight routes to key destinations
- increasing urban congestion across the Adelaide metropolitan areas
- rail crossing delays and safety of key freight routes.

The project will significantly upgrade South Road between Regency Road to Port River Expressway to expressway standard.

This significant transport initiative will meet arterial road network demands for freight and passenger vehicles. It will create a non-stop corridor approximately 4.8 km in length using an elevated roadway, of approximately 2.8 kilometres in length including multiple lanes in each direction above the existing South Road alignment.

The South Road Superway will extend over the major intersections of South Terrace, Wingfield rail line, Cormack Road, Grand Junction Road and Days Road. The Superway’s non-stop corridor will enable significant improvement to property access through service roads, and the use of the existing South Road and/or additional road links for business, industry and the travelling public between Port River Expressway and Regency Road.

The South Road Superway is considered the optimum design solution and whole of life solution. When constructed it will be the first in South Australia, and will create a landmark gateway to metropolitan Adelaide from the north. The Superway will have three lanes in each direction north of Grand Junction Road and two lanes in each direction south of Grand Junction Road. Generally the Superway will have 9 metres clearance above local roads. Access to and from the Superway will be through the Port River Expressway–Salisbury Highway interchange, by ramps at Grand Junction Road and south of Days Road.

Service roads under and parallel with the Superway will provide access to properties and local roads along the existing South Road alignment. Pedestrians and cyclists will be accommodated on the service and local roads.

The local road network will be upgraded to enhance local access, including new road links along Rafferty Street, Naweena Road, Gallipoli Grove and Davis Street.

Figure 1.1 illustrates the South Road Superway, proposed service roads and local road network improvements.

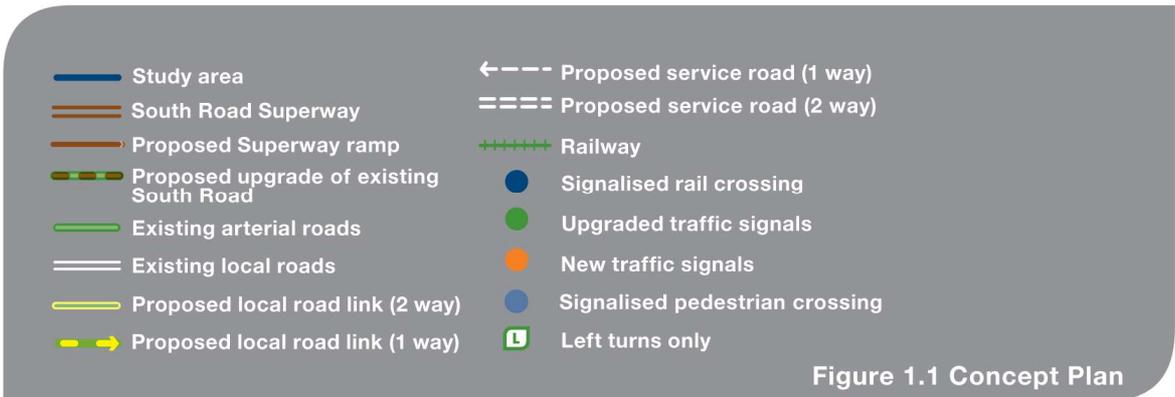


Figure 1.1 Concept Plan

1.2 Project proponent

The proponent for this project is the South Australian Government. The project is jointly funded by the Australian Government through the Nation Building Program (administered by (DITRDG) and the South Australian Government.

1.3 Project timeframe

Of the six project stages (Table 1.1), the Concept Planning phase has been completed, and this Project Impact Report forms part of the current Environmental Impact Assessment (EIA) phase. Following completion of the EIA phase and the Concept Design phase, pre-construction activities such as detailed design will occur. Construction of the project is expected to start by 2010 and be completed by end 2013 (Table 1.1).

Table 1.1. Indicative timing for project phases

Phase	Activities	Timing
Phase 1 Concept Planning	Route concept planning/route selection Initial consultation with key stakeholders Preliminary environmental investigations	Early–mid 2009
Phase 2 EIA Process	Investigation, Project Impact Report and Public Display Supplement document	Public display completed December 2009 February 2010
Phase 3 Concept Design	Detailed Concept Design Report	Early 2010
Phase 4 Pre-construction	Land acquisition Detailed design Obtain environmental and other approvals (if required)	2010–2011
Phase 5 Construction	Construction of early works packages and Superway	2010–Dec 2013
Phase 6 Post-construction	Operation and maintenance	2014 onwards

1.4 Project context

The South Australian Government's strategic vision to deliver to South Australia a seamless free flowing corridor from north to south will address the transport challenges of South Road's current 25 signalised intersections and three rail/tram crossings between Port Road Expressway and Southern Expressway that severely impact on the efficient movement of people and goods through the metropolitan area.

The South Road Superway Project will meet key objectives and targets of *South Australia's Strategic Plan* and is regarded as a high priority project in the *Strategic Infrastructure Plan for South Australia*. The Superway will represent one of the largest state infrastructure investments.

The regional context for this particular project is directly associated with the new Northern Expressway linking the Sturt Highway through to Port Wakefield Road, and the possible future project, Northern Connector, which will extend the Northern Expressway through to the Port River Expressway. The South Road Superway Project will be directly linked with the possible future project, Northern Connector, and the Port River Expressway for freight and metropolitan road network efficiency (**Figure 1.2**).

Nearly two-thirds of the industrial land within metropolitan Adelaide lies within a broad arc around Wingfield, Dry Creek, Regency Park and through to Lefevre Peninsula. This area creates a metropolitan-wide focus for industrial, manufacturing, freight distribution, commercial activities, storage and related activities clustered in and around South Road, primarily between Regency Road and the Port River Expressway.

It is evident that the South Road Superway Project will significantly enhance opportunities and improve accessibility for this vital employment and economic activity area.

1.5 Project objectives

The key project objectives are to:

- provide a free flowing north–south corridor with appropriate grade separation of key arterial roads and railway crossing
- reduce traffic delay and congestion
- improve the environment along the corridor in terms of noise, visual amenity and water quality
- improve, where feasible, transport access for business and support enhanced economic development.

Other project objectives include:

- a transparent and effective consultation process
- an effective construction impact management regime that minimises property owners, businesses and community disruption
- minimal property acquisition or loss of existing property access arrangements
- enhanced visual and urban design outcomes adjacent to the corridor
- support for the *State Infrastructure Plan*, wider metropolitan road network and related transport objectives including export-focused transport for northern metropolitan Adelaide and the Port of Adelaide.

1.6 Nation Building National Network requirements

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

The Australian Government's Nation Building Program funds projects of national importance that support local and national economic and social development by improving the safety, efficiency and reliability of the national transport network. It has recognised the importance of a non-stop corridor, and has committed \$500 million through this program to upgrade South Road between Port River Expressway and Southern Expressway. The State Government will match this funding.



- South Road Superway
- Major Freight Corridors
- Northern Connector (Possible Future Project)
- Northern Expressway (Under Construction)
- Railway

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**Regional Map
and Major
Infrastructure
Projects**

Figure 1.2