DELIVERING OUR TRANSPORT FUTURE NOW

coast to coast light rail
city west to adelaide entertainment centre

April 2009
Indicative image of Adelaide Entertainment Centre stop

All enquiries: 1800 726 500
Visit: www.infrastructure.sa.gov.au
project overview

In last year’s State Budget the Government announced, as part of its $2 billion public transport blueprint, an expansion of the light rail network ‘Coast to Coast’ from Glenelg to the City and on to West Lakes, Port Adelaide and Semaphore.

Following on from the first highly successful tramline extension from Victoria Square to City West, the next stage of the extension will take the tramline another 2.8 kms along North Terrace onto Port Road to the Adelaide Entertainment Centre.

Provision will be made for a future connection into the Outer Harbor passenger rail line. A Park and Ride facility with more than 400 spaces will also be provided using the existing Adelaide Entertainment Centre car park.

what are the benefits?

The extension of the tramline to the Adelaide Entertainment Centre will make a significant contribution to Adelaide’s public transport network by providing:

> A high quality light rail service linking the Adelaide Entertainment Centre precinct with the CBD and Glenelg.
> An essential first step to extend light rail services ‘Coast to Coast’.
> An attractive alternative option to car travel, including a Park and Ride facility at the Adelaide Entertainment Centre.
> Greater travel choice.

The project will also make an important contribution to enhancing the sustainability of our city and improving its liveability. It will play a positive role in stimulating urban regeneration in the City West, Thebarton and Bowden areas, such as the proposed Bowden Village development (the Clipsal site).

The project will also contribute to the SA Strategic Plan Target of increasing the use of public transport to 10% of metropolitan weekday passenger vehicle kilometres travelled by 2018.

timeframes

<table>
<thead>
<tr>
<th>Start of works</th>
<th>April 2009</th>
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<td>Project Completion</td>
<td>Early 2010</td>
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City West to Adelaide Entertainment Centre tram corridor

For illustrative purposes only

Legend
- New tram line
- New tram platform
- Road
- Parking area
- New commuter cycleway and pedestrian path
- On-road bike path
- Shared path
- Median access closed
- New traffic lights
- Existing right turn removed
- New pedestrian crossing
The extended tram service will continue to run on a central track alignment from the existing City West stop, down North Terrace, across West Terrace towards James Congdon Drive and head north along Port Road until it reaches its destination opposite the Adelaide Entertainment Centre.

The design of the tramline extension will incorporate the following:

- Trams will run in their own corridor down the centre of the road and travel through signalised intersections on the green cycle with other traffic.
- The same number of traffic lanes will be kept in both directions on Port Road and North Terrace – this will help maintain the existing traffic capacity of the local and wider road network.
- Left turn movements at side streets along the corridor will be maintained.
- For safety reasons right turn vehicle movements will not be allowed across the tramline at Port Road and North Terrace, except at new or existing signalised intersections. Refer to the route diagram for more detail.
- Right turn access to and from Phillips Street to Port Road will be maintained.
- Tram stops will be easily accessible by all users including those with disabilities.
- In addition to the above design features, several changes will be made on Port Road and North Terrace to provide a safe and efficient light rail service.

**North Terrace:**
- Parking on the northern side of North Terrace between Fenn Place and the intersection with West Terrace/Port Road will be removed.
- Parking on the southern side of North Terrace opposite UniSA will be changed from diagonal to parallel.

**Port Road:**
- The existing parking lane on the western side of Port Road will be removed to assist in maintaining the same number of traffic lanes whilst accommodating the tramline.
- A signalised intersection will be provided at Port Road and Light Terrace to allow safe access to the tram platform and to provide right turn access into Light Terrace.
The design of the tramline extension will incorporate the following:

- Towards James Congdon Drive and head north along Port Road until it reaches Port Road and North Terrace – this corridor will be kept in both directions on the green cycle with other traffic.
- The extended tram service will continue to run on a central track alignment.
- Trams will run in their own corridor and efficient light rail service will:
  - Contribute to the economy and environment
  - Assist in reducing the amount of local air pollution and greenhouse emissions through the use of electric powered trams.
  - Improve current and future traffic flows by modifying the West Terrace/North Terrace and Port Road/North Terrace interface.
  - Assist in reducing the amount of local air pollution and greenhouse emissions through the use of electric powered trams.
  - Have minimal impact on other road users' current travel times to and from the city.
  - Provide accessible public transport for passengers with wheelchairs and other disabilities.
  - Provide convenient access to the new Royal Adelaide Hospital, the new Adelaide Entertainment Centre, and the Life Garden to Bonython Park.
  - Provide associated access into Light Terrace.
  - Upgrade Adelaide Entertainment Centre car park.
  - Provide accessible public transport for passengers with wheelchairs and other disabilities.
  - Contribute to the economy and environment
  - Assist in reducing the amount of local air pollution and greenhouse emissions through the use of electric powered trams.
  - Have minimal impact on other road users' current travel times to and from the city.
  - Provide accessible public transport for passengers with wheelchairs and other disabilities.
  - Provide convenient access to the new Royal Adelaide Hospital, the new Adelaide Entertainment Centre, and the Life Garden to Bonython Park.
  - Provide associated access into Light Terrace.
  - Upgrade Adelaide Entertainment Centre car park.

In addition to the above design features, the project will also add:

- A signalised intersection will be provided at Port Road and Light Terrace to allow safe access to the Clipsal site at Bowden and plans to redevelop it for a range of uses, including housing. This and other areas surrounding Hindmarsh and Bowden will be developed within the Adelaide Parklands as part of the project and parts of the Fenn Place and Port Road corridor will be removed to assist in maintaining the pedestrian corridor which will feature formal and informal planting of water wise trees and plants which will be native and, where possible, indigenous to the local area.
- The existing parking lane on the western side of Port Road will be closed and a pedestrian crossing will be provided which will be easily accessible by all users including those with disabilities. Accessing Tram Platforms
- Right turn access to and from Phillips Street will be provided at Port Road and Light Terrace.
- The existing parking lane on the southern side of North Terrace opposite UniSA will be closed.
- The existing parking lane on the northern side of North Terrace between Fenn Place and the University will be maintained.
- The extension will also support plans for future redevelopment in the surrounding areas of Thebarton, Sturt, City of West Torrens, the Adelaide City Council, and Hindmarsh.
In addition to improving Adelaide’s public transport network, the project will also add value to the community, economy and the environment. For example, the new light rail service will:

> Provide convenient access to the new Royal Adelaide Hospital, the upgraded Adelaide Entertainment Centre, Hindmarsh Stadium and major events at Bonython Park.

> Assist in reducing the amount of local air pollution and greenhouse emissions through the use of electric powered trams.

> Have minimal impact on other road users’ current travel times to and from the city.

> Provide accessible public transport for passengers with wheelchairs or prams.

> Improve current and future traffic flows by modifying the West Terrace/North Terrace and Port Road/Park Terrace intersections.

> Contribute to the economy and sustain jobs as a key component of the government’s $2 billion public transport program.

> Implement an extensive landscaping program to create a green boulevard along the corridor and assist in making Bonython Park a more user-friendly area. The landscape design will feature formal and informal planting of water wise trees and plants which will be native and, where possible, indigenous to the local area.

The project has been developed in consultation with the community, adjacent businesses and key stakeholders such as the Adelaide City Council, City of Charles Sturt, City of West Torrens, the Adelaide Entertainment Centre and SA Health to ensure specific and wider community issues are taken into account in the design and operation of the new service. For example:

> The extension will also support plans for future redevelopment in the surrounding areas of Thebarton, Hindmarsh and Bowden. The government recently purchased the Clipsal site at Bowden and plans to redevelop it for a range of uses, including housing. This and other urban redevelopment opportunities will foster economic development and assist Adelaide in becoming a more sustainable city.

> Tram shelters on Port Road that will feature a new design to cater for the more open environment.

> Extension of the free tram shuttle service to West Terrace.

> Appropriate access provided for local and commercial traffic.

> The project will provide a new space for organ donor families and recipients to reflect and gather, through the relocation of the Gift of Life Garden to Bonython Park.
The design of the tramline extension will incorporate the following:

- From the existing City West stop, down North Terrace, across West Terrace.
- The extended tram service will continue to run on a central track alignment.
- The tramline design will be maintained to ensure safety of pedestrians, cyclists, and motorists.
- Refer to the route diagram for existing signalised intersections.
- North Terrace, except at new or existing underpasses,
- For safety reasons right turn vehicle access to Port Road and North Terrace will be maintained.
- The western side of Port Road will be changed from diagonal to parallel.
- Parking on the southern side of North Terrace will be removed.
- Parking on the northern side of North Terrace will be maintained.
- This will be kept in both directions on Port Road and North Terrace to provide a safe road network.
- The same number of traffic lanes will travel through signalised intersections.
- Trams will run in their own corridor and efficient light rail service will be provided.
- Road and North Terrace to provide a safe environment.
- For example, the new light rail service will:
  - Contribute to the economy and environment of the community, economy and the transport network.
  - Add value to the community.
  - Assist in reducing the amount of local air pollution and greenhouse emissions through the use of electric powered trams.

Bicycle and Pedestrian Access
A two way commuter cycleway and separate pedestrian path will be provided in the parklands along Port Road and will provide links to existing bicycle/pedestrian paths in the area. The route corridor diagram in this brochure shows the proposed location of the path.

Park and Ride
As part of the project, a Park and Ride will be developed within the Adelaide Entertainment Centre car park. This facility will enable motorists to park at a minimal cost and travel into the City on public transport.

Accessing Tram Platforms
Four new tram platforms will be constructed as part of the project and will either link into existing or new signalised intersections (refer to the route diagram within this document for the location of these new crossings). Each of these platforms will be easily accessible by all users and will be slightly elevated from the road with access via a ramp.

The project has been developed in consultation with the community, adjacent businesses and key stakeholders such as the Adelaide City Council, City of Charles Sturt, City of West Torrens, the Adelaide Business Council, SA Government, SA Health, the Adelaide City Council, SA Health and the government’s $2 billion public transport program.

The project will provide a new space for organ donor families and recipients to reflect and gather, for future redevelopment in the surrounding areas of Thebarton, and assist Adelaide in becoming a more sustainable city.

The project will provide a new space for organ donor families and recipients to reflect and gather, for future redevelopment in the surrounding areas of Thebarton, Hindmarsh, and the Adelaide City Council, City of Charles Sturt, City of West Torrens, the Adelaide Business Council, SA Government, SA Health, the Adelaide City Council, SA Health and the government’s $2 billion public transport program.

Improve current and future traffic flows by modifying the West Terrace/North Terrace and Port Road/North Terrace to allow safe access to the new Royal Adelaide Hospital, the upgraded Adelaide Entertainment Centre and SA Health Centre, Hindmarsh Stadium and SA Health.

The project has been developed in consultation with the community, adjacent businesses and key stakeholders such as the Adelaide City Council, City of Charles Sturt, City of West Torrens, the Adelaide Business Council, SA Government, SA Health, the Adelaide City Council, SA Health and the government’s $2 billion public transport program.

Indicative image of Port Road/Phillips Street stop

Indicative image of two-way commuter cycleway and pedestrian path in Bonython Park

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Indicative image of two-way commuter cycleway and pedestrian path in Bonython Park

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for further information

We are committed to keeping you well informed about the project’s progress.

We invite you to call the Project Enquiry Line on 1800 726 500 with any questions or to ask for an information pack.

To submit a project enquiry or access the latest project information, please visit the project website, www.infrastructure.sa.gov.au and click on ‘Coast to Coast Light Rail – City West to the Adelaide Entertainment Centre’.

The information provided by the Department for Transport, Energy and Infrastructure in this brochure is for general information only and is true and correct at the time of printing. April 2009.