

SOLUTIONS – USING SMART TECHNOLOGY TO IMPROVE TRANSPORT SYSTEM OUTCOMES

<p>Priority for cycling and walking</p>	<ul style="list-style-type: none"> • Incorporate intersections and pedestrian crossings that allow priority for cyclists and people walking where appropriate.
<p>The modernisation of Greater Adelaide’s public transport system</p>	<ul style="list-style-type: none"> • Deliver real-time information at key stations and stops as well as enhanced passenger information through data sharing on mobile devices using apps. • Apply smart public transport priority measures at ramps and intersections.
<p>Build the open data foundations for transport in the digital age</p>	<ul style="list-style-type: none"> • Provide real-time and background data feeds of transport and traffic information. • Work with the transport and traffic information industry to continuously improve the standardisation, accuracy and timeliness of information. • Establish a resilient ITS backbone across Greater Adelaide using road and rail corridors. • Review legislation and regulatory frameworks to ensure transport and traffic management is prepared for the evolution of ITS.
<p>Implement managed motorway techniques</p>	<ul style="list-style-type: none"> • Implement treatments and techniques along the South Eastern Freeway including: <ul style="list-style-type: none"> • Hard shoulder running between Stirling and Crafers in the short term, and extending further out towards Mount Barker when required. • Extending the traffic management system (incident detection, CCTVs, variable speed limit signs and variable message boards) from Bridgewater to Mount Barker. • Expand South Australia’s managed motorway network to include the South Eastern Freeway, Northern Expressway, Northern Connector, South Road (Wingfield to Darlington), the Southern Expressway and the Port River Expressway.
<p>Improving freight productivity, safety and compliance</p>	<ul style="list-style-type: none"> • Continue to work with other Australian jurisdictions and the private sector to support and roll out advanced freight management systems, for example Intelligent Access Programs for optimising intermodal freight. • Apply smart freight priority measures at ramps and intersections as part of the managed motorway network.
<p>Adapt to new technologies to improve road safety and efficiency outcomes</p>	<ul style="list-style-type: none"> • Increase the use of point-to-point speed enforcement. • Legislate for driverless vehicles. • Continue to work with other Australian jurisdictions and the private sector to support and roll out emerging technologies that include V2I and V2V communications.