



Adelaide Road, Mount Barker Roundabout Upgrade

Update – October 2024

Improving safety and reducing delays for all road users

The South Australian Government has committed \$40 million to upgrade the roundabout at the intersection of Adelaide Road, Alexandrina Road, Wellington Road and Flaxley Road in Mount Barker.

This location has been identified as a priority upgrade to support growth in the area. The upgrade will increase capacity through the intersection, reduce delays and ensure safe and efficient access for all road users.

The design includes a new dual lane roundabout with new signalised pedestrian crossings nearby on Adelaide Road, Flaxley Road and Wellington Road. It also includes new connecting Shared Use Paths (SUP's) and road lighting.

Thank you to everyone who provided their feedback in late 2023. These insights, along with technical analysis, have informed the design.



Improving safety and traffic efficiency for all road users



Providing safer access to local schools and improved connectivity



Supporting regional growth



Government of South Australia
Department for Infrastructure and Transport



How we engaged

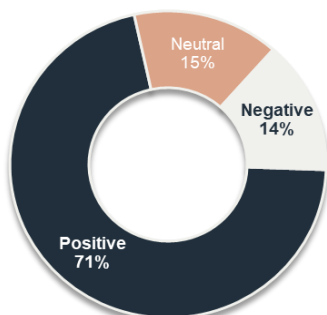
We sought feedback throughout October and November 2023 to inform the development of the design.

We held three community listening posts, an online survey and door knocked nearby properties. Key stakeholder meetings were also held. Feedback was received from nearly 250 people.



What we heard

The majority of survey respondents described their attitude towards an upgrade at this intersection as ‘positive.’



Overall attitude towards the upgrade

We asked survey respondents to rank the key issues they would like to see addressed as part of the upgrade.

The top five ranked issues were:

- congestion
- motorist safety
- improved capacity
- pedestrian paths
- turning movements to and from local roads.

There were mixed views from the community in terms of the preferred design solution.

Of those who preferred a traffic light solution, feedback focussed on the importance of improving pedestrian safety (i.e. signalised crossings on each leg of the intersection) and improving traffic flow.

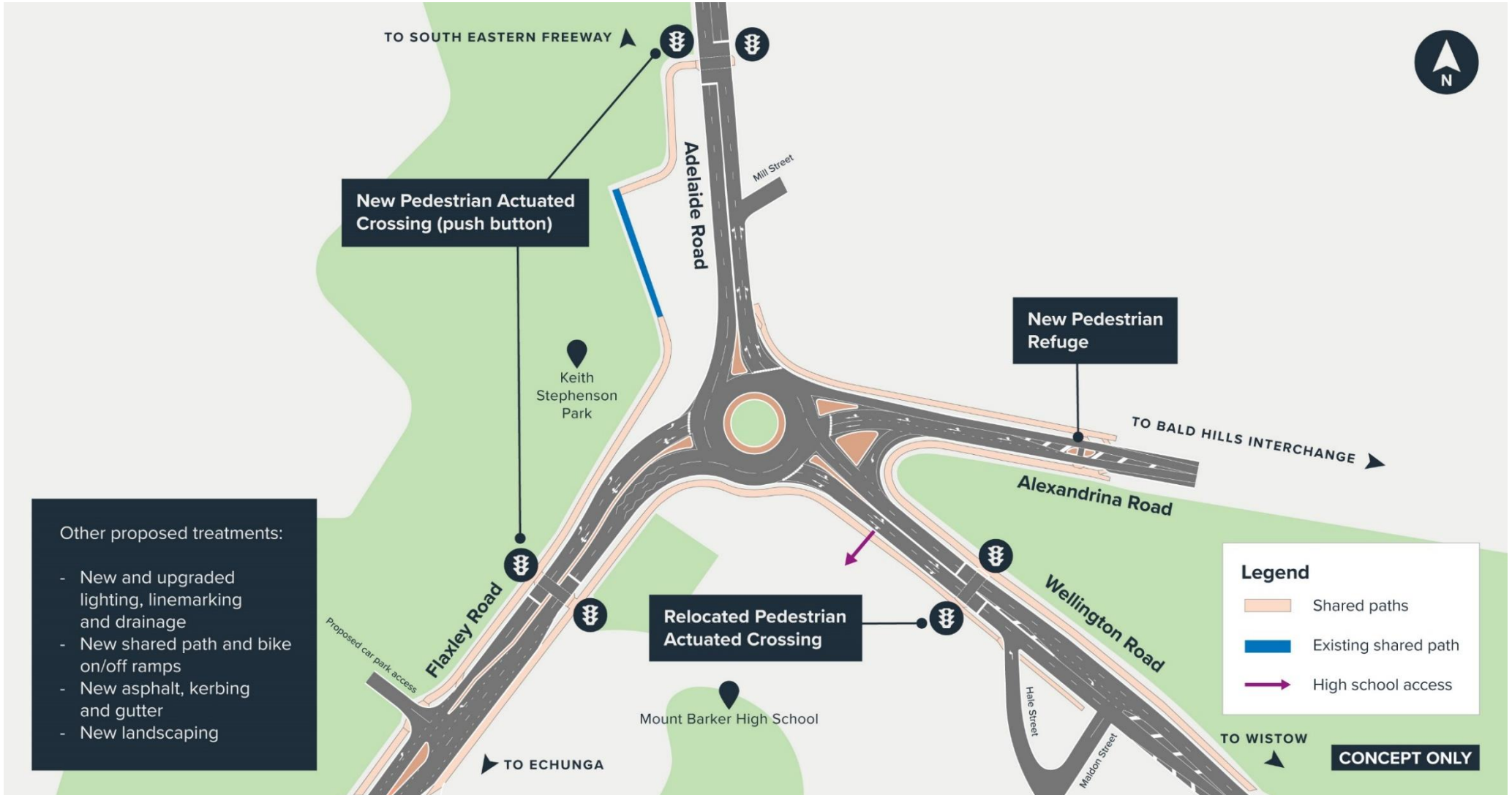
A dual lane roundabout, with new signalised pedestrian crossings nearby, was selected as the preferred design solution. It achieves a relatively similar performance to traffic signals (in terms of traffic flow and efficiency) with significantly less impacts in terms of land acquisition, parking, vegetation and construction.

This design solution also achieves similar pedestrian safety objectives to a traffic light solution by providing safe, signalised crossing points for pedestrians around the intersection.

The SUP’s will connect into the existing path network, with new on/off ramps, allowing cyclists to safely negotiate movements off-round through the intersection.

The new signalised pedestrian crossings and SUP’s will provide safer access for people using the road, including students travelling to nearby schools.

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Other key themes raised

Safety



Difficult turning angles, poor visibility at some locations and driver behaviour at the roundabout were identified as safety concerns. Other concerns were that the roundabout did not provide safe pedestrian and cyclist movements. Improving safety at the intersection, particularly for those accessing Mount Barker High School and Keith Stephenson Park, was a desired outcome for the project.

Wider network



Submissions identified the rapid growth of the region as causing pressure on the wider road network and the roundabout.

Impacts to vegetation



Concerns around vegetation removal were raised, including suggestions to relocate trees. It was noted that tree removal could impact fauna and the character of the area. Suggestions were made to incorporate vegetation into the design, without impacting driver visibility.

Pedestrian access



The importance of relocating the existing pedestrian crossing on Wellington Road was raised, due to its current proximity to the roundabout.

Pedestrian and cyclist crossing points



Better pedestrian crossing options on all roads of the roundabout was identified as important.

Next Steps

Construction is planned to start in 2025 and be complete in mid-2026. We look forward to connecting with the community in the coming months to share more information as planning and the detailed design progresses. We are committed to working with the local schools and community to ensure the upgrade works are delivered smoothly and we continue to minimise any potential impacts.

More information

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