



Happy Valley Drive Intersections Planning Study

Project update

We are working to improve safety and reduce waiting times along Happy Valley Drive

The proposed upgrades will improve travel for all road users at the Happy Valley Drive and Chandlers Hill Road intersection and the Happy Valley Drive and Windebanks Road junction.

We have been undertaking a planning study to explore options to improve safety and reduce delays and queuing during peak periods at the two key intersections along Happy Valley Drive.

Following feedback from the community and stakeholders, refinements have been made to the proposed concept design to upgrade the Windebanks Road junction. This update provides more information about the design changes. There are no proposed changes to the concept design previously released for the Chandlers Hill Drive intersection.

We are also continuing with further technical analysis to inform the planning process.



Improved intersection capacity



Pedestrian and cyclist safety



Improved efficiency and connectivity



Government of South Australia
Department for Infrastructure and Transport



What you told us

ENGAGEMENT SNAPSHOT

Consultation
From 20 March to 19 April 2024 

 **113** survey responses received

90 attendees at the two drop-in listening posts 

 **64** submissions of feedback at drop-in listening posts

 **Key stakeholder discussions, phone calls and meetings**

The most important issues highlighted at the **Happy Valley Drive and Chandlers Hill Road** intersection during the consultation process were:

- queueing
- delays (particularly at peak times) and
- difficulty with turning right (from Chandlers Hill Drive to Happy Valley Drive).
- turning left onto Happy Valley Drive from Chandlers Hill Road was difficult in peak times
- safety for road users, cyclists and pedestrians

Positive feedback was received about this proposed roundabout solution.

A suggestion was also made to install dual northbound lanes between the two intersections. This idea was considered however it was ruled out as the distance between the two intersections is insufficient to safely allow motorists exiting Chandlers Hill Road onto Happy Valley Drive to weave across lanes to get into their preferred lane before arriving at the Windebanks Road/Happy Valley Drive junction.

Next Steps

We will continue to carry out further technical planning work to identify opportunities to assist in refining the concept designs we have proposed at the Happy Valley Drive intersections.

Instead, the proposed concept design provides a merge option northbound on Happy Valley Drive between the two intersections, removing the need for people to weave between lanes and reducing potential conflicts between vehicles.

The most important issues highlighted at the **Happy Valley Drive and Windebanks Road junction** were:

- the ability to safely turn right from Windebanks onto Happy Valley Drive.
- the importance of reducing any impact to the River Red Gum tree on the western side of the Windebanks Road/Happy Valley Drive junction

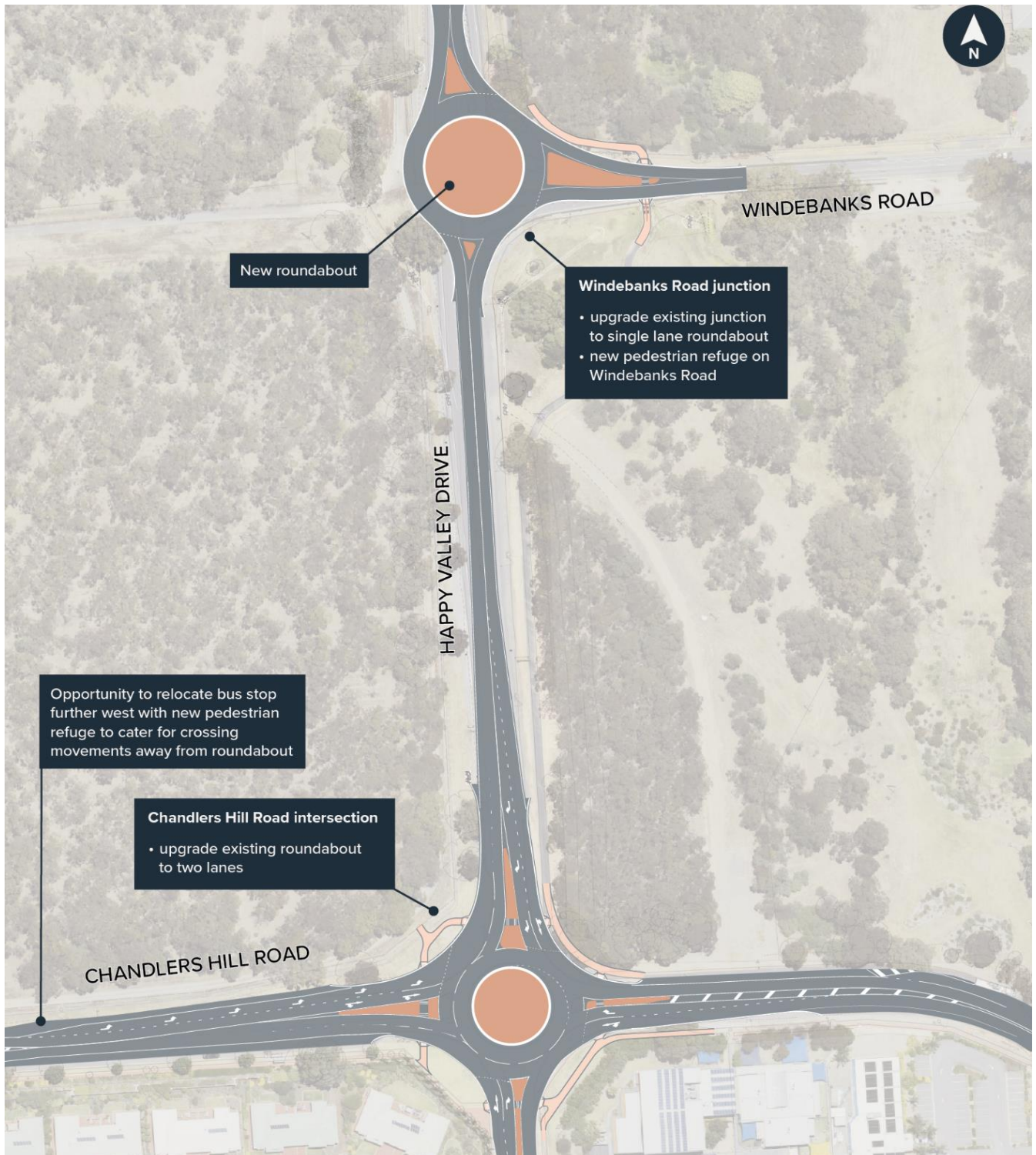
Refined Windebanks Road junction design

In response to feedback and further technical analysis, the roundabout has moved by approximately ten meters to avoid removing a large River Red Gum on the western side of the junction. It also reduces impacts to the Happy Valley Reservoir walking trail, surrounding reserves and underground services.

The refined design also improves safety for the users of the Happy Valley Drive Trail, reducing the number of lanes people need to cross. It also avoids impacting the Happy Valley Reservoir woodland and boundary loop track, as well as the emergency access gate.

Upgrading the Chandlers Hill Road intersection to a dual lane roundabout will increase capacity and increase traffic flow, removing the need to have an exclusive left turn lane on Windebanks Road to Happy Valley Drive. Traffic will no longer be queueing from the Chandlers Hill Road intersection on Happy Valley Drive and blocking the Windebanks Road junction, allowing the left turn from Windebanks Road to exit more freely.

Concept design update



More information

If you have any further enquiries or want to register for updates please visit www.dit.sa.gov.au/r/happyvalley, email us at DIT.Engagement@sa.gov.au or call us on 1300 794 880



Government of South Australia
Department for Infrastructure and Transport

SA IS BUILDING
➔