

Adelaide Hills Productivity and Road Safety Package

Main Road, Cherry Gardens

The Department for Infrastructure and Transport (the Department) is delivering the Adelaide Hills Productivity and Road Safety (PRS) Package, which aims to upgrade some of the region's key strategic arterial roads. The \$150 million initiative, jointly funded by the Australian and South Australian governments (80:20), includes a range of road improvements to support economic growth, improve road safety and increase fire resilience in the Adelaide Hills area.

As part of the State Government's election commitments, the Department is planning safety upgrade works on Main Road, Cherry Gardens between Black Road and Chandlers Hill Road.

Main Road, between Black Road and Chandlers Hill Road carries approximately 1300 vehicles each day. The 5.4 kilometre section serves as an important link to Blackwood and metropolitan Adelaide from sections of Happy Valley and Aberfoyle Park, as well as residents in Chandlers Hill, Cherry Gardens and Clarendon.

Between October 2022 and May 2023, the Department gathered feedback from the community to help inform the detailed design for safety upgrades on this section of Main Road.

More than 85% of respondents indicated they felt positive about the proposed widening of the identified nine curves and 100% of respondents indicated they felt positive about the proposed new road surface on Main Road.

A summary of this feedback was released in June 2023 and is available on the project website: dit.sa.gov.au/MainRoadPRS

The Department has now further developed the design for this upgrade. The design has considered all community feedback while balancing technical considerations and site constraints. The final treatments will include:

- road and curve widening;
- new road surface, improving skid resistance;
- new safety barriers;
- new road signage;
- new line marking including centre line audio tactile line marking; and
- drainage enhancements.

These treatments aim to improve road safety by reducing the risk and severity of road crashes.

Project outcomes

Wider lanes



New road surface



Safer driving conditions



Safety barriers

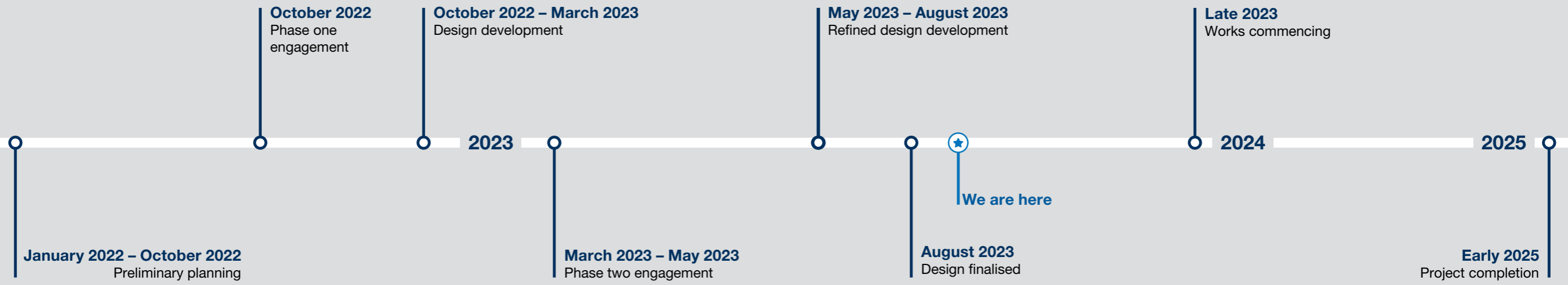


Location map

Main Road, Cherry Gardens – Black Road to Chandlers Hill Road



Timeline



Planned treatments

New road widening

As part of the preliminary design, nine curves were identified for widening opportunities. There will also be additional road widening where possible along other sections of the road.

New road surface

As part of the preliminary design, road surface improvements were identified. These works will include improved skid resistance, widening of sealed shoulders and new line marking.

New safety barriers

As part of the design development, new safety barriers have been identified for newly widened locations.

New signage



As part of the detailed design process, new and additional signage will be installed.

New audio tactile centre line marking



Audio tactile line marking has been identified for the centre line marking. Audio tactile line marking provides an audible noise when driven over as well as noticeable feedback throughout the vehicle. Benefits

include:

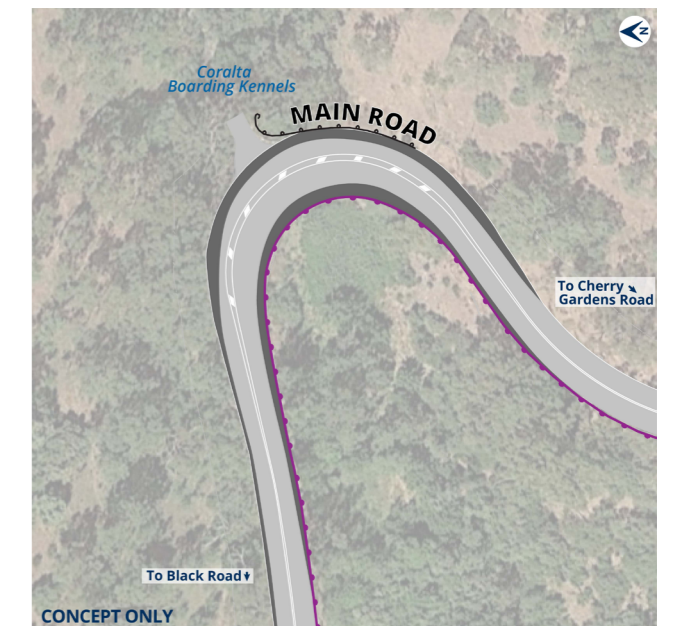
- reduction of severity and casualty crash rates;
- improved delineation of road lines; and
- improved reflectivity of the lines in wet weather.

Concepts for curve widening

Curve 1

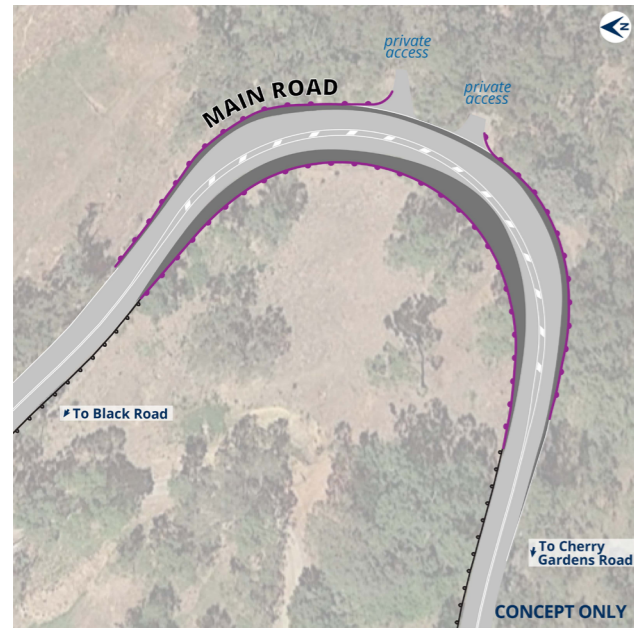


Curve 2



Concepts for curve widening

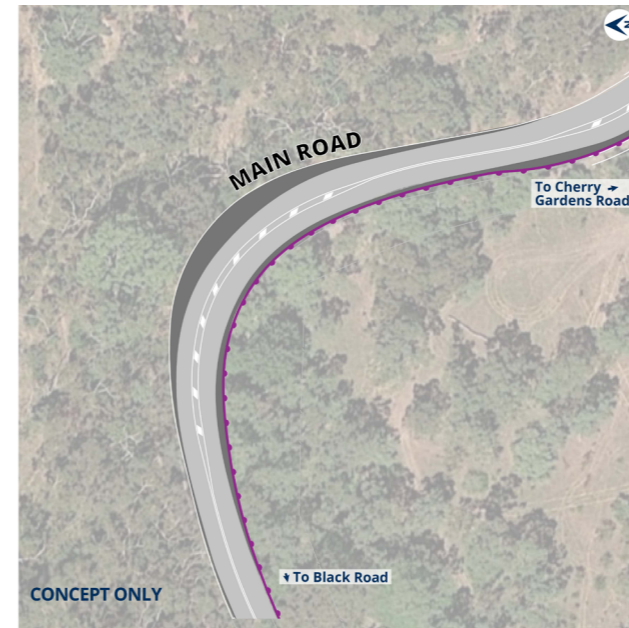
Curve 3



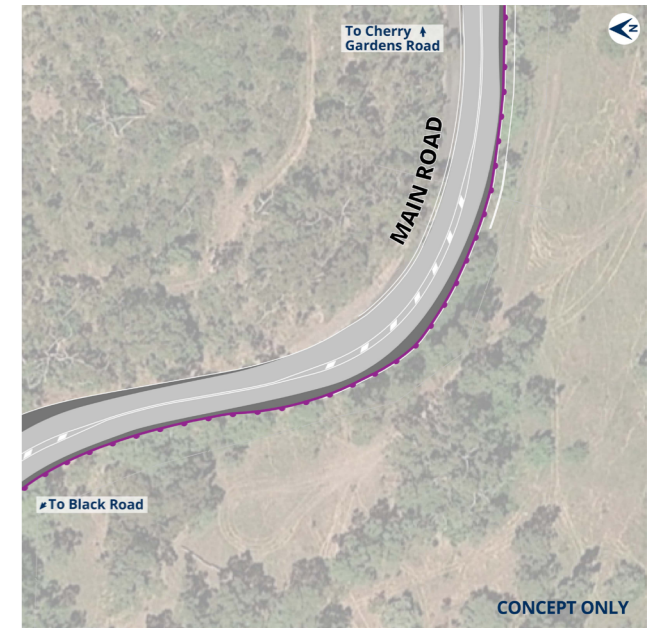
Curve 4



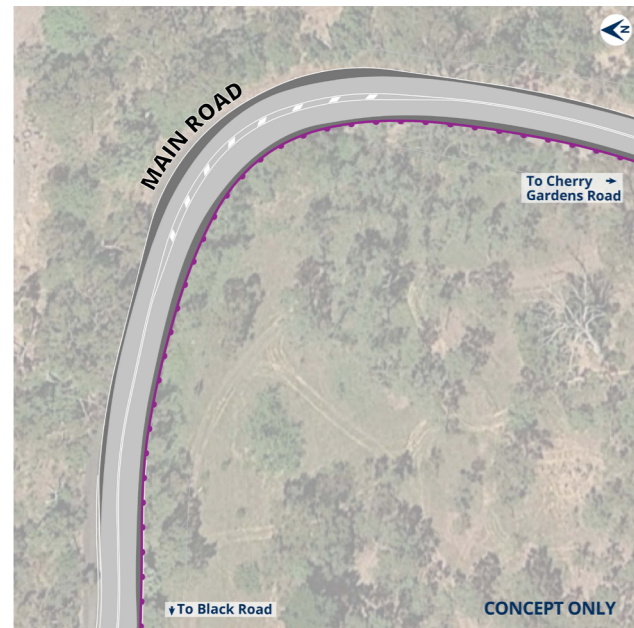
Curve 5



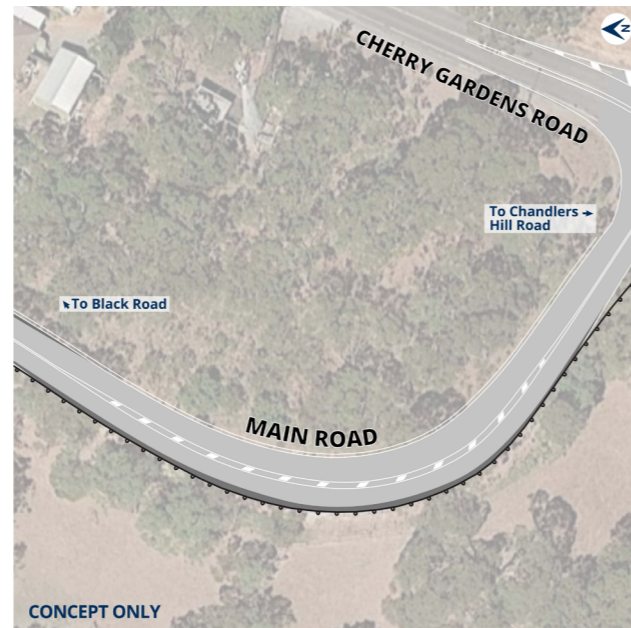
Curve 6



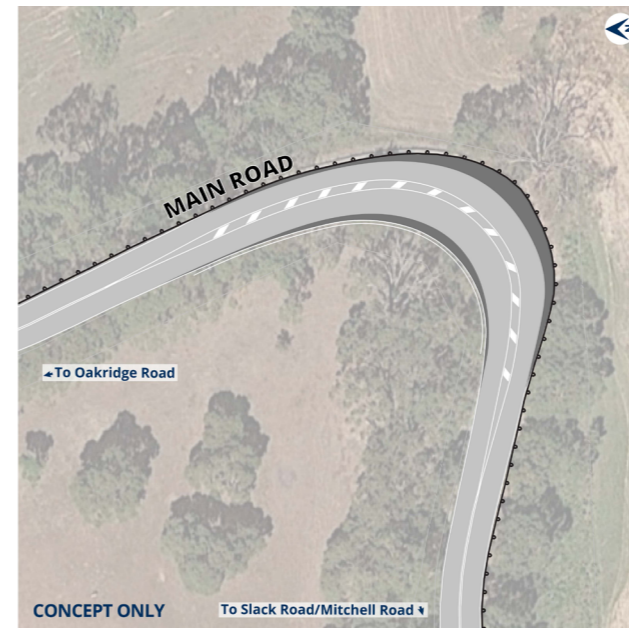
Curve 7







Curve 8



Curve 9



Legend

-  Road curve widening
-  New Safety Barrier
-  Existing safety barriers
-  New centre line marking

Tree and vegetation management

Detailed ecological assessments and surveys have been undertaken during the detailed design process along the full section being upgraded. Each curve and stretch of Main Road has been individually assessed to not only improve safety outcomes but also minimise impacts to trees and vegetation as much as practically possible.

To achieve these critical safety upgrades, initially up to 70 trees were identified as being within the immediate project area. Through the detailed design process the Department has been able to significantly reduce the number of trees being impacted.

We currently estimate up to 35 trees, covered by the Native Vegetation Act 1991 (NV Act) will be impacted. These impacted trees are spread along the full 5.4 km project area on Main Road.

Several weed species including Olive, Desert Ash and Common Plum trees will also be removed as a part of the project.

Where impacts cannot be avoided, all care and consideration will be taken in the removal and handling of vegetation. Efforts will continue to be made throughout construction to further reduce tree and vegetation impacts, wherever possible

All vegetation impacts will be managed in accordance with legislative requirements and with the Department's Vegetation Removal Policy.

Native vegetation clearance approval will be required for the removal of the relevant vegetation. Due to the site constraints, offsetting within the road corridor is not feasible. Instead, payment of the appropriate Significant Environmental Benefit offset will be made to the Native Vegetation Fund.

Removal of vegetation will be carefully undertaken by a suitably qualified arborist. All trees will be inspected prior to removal and if fauna is found, they will be relocated by appropriately qualified professionals.

Additional vegetation surveys are also planned to occur in the coming months.

Next steps

Early works are expected to commence on site in late 2023. Advanced notice will be provided prior to works commencing. Activities will be staged to ensure there are no impacts to the Tour Down Under. The project is expected to be completed in early 2025.



More information

For further information on Main Road, Cherry Gardens, or to register for future email updates please contact us by:

- calling 1300 794 880
- emailing DIT.Engagement@sa.gov.au
- visiting the project website



Project website
[dit.sa.gov.au/
MainRoadPRS](https://dit.sa.gov.au/MainRoadPRS)