

Tram Grade Separation Projects

Tree and vegetation management fact sheet

The Tram Grade Separation Projects (TGSP) will remove three level crossings where the Glenelg tram line crosses Marion Road and Cross Road, Plympton and Morphett Road, Morphettville. Removing these level crossings will reduce traffic congestion and make your journey safer and more reliable. We are also rebuilding the South Road Tram Overpass to accommodate the River Torrens to Darlington Project (T2D) lowered motorway.

Tree and vegetation removal

We understand trees and vegetation are highly valued by the community. While every effort is made to retain existing vegetation and trees, some removals are required as part of the project.

Tree and vegetation removal will initially occur in mid January 2025 as part of service relocation and intersection works. We will remove two significant, seven regulated, seven amenity trees and 60m² of amenity vegetation. To offset these removals, we will plant 27 trees and 60m² of new vegetation at the end of the project.

Further removals will be required later in 2025 as part of main construction activities. We are currently finalising the detailed design to minimise the vegetation impacts as much as possible. A further update will be provided prior to these works occurring.

All vegetation impacts are being managed and offset in accordance with legislative requirements and with the Department's Vegetation Impact Assessment Guideline.



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Further information about offset planting and landscaping will be provided when the landscaping design is finalised in the coming months.

How we minimise tree and vegetation impacts

Detailed ecological assessments and surveys are undertaken during the design process. This includes recording:

- the size and location of tree trunks and roots
- health and life expectancy
- amenity and environmental value
- location of services in proximity to trees
- the presence of wildlife and habitat.

Findings from these surveys are used to inform the design.

To ensure there is minimal impact on the existing ecology of the project areas, the planning and design process is guided by the following principles:

Avoidance - our design has minimised the length and width of the overpass structures and ramps. We have also planned the construction

site layout to avoid existing trees whenever possible.

Minimisation - where removal cannot be avoided, we are taking measures to minimise the number and extent of impacts to trees and vegetation during both design and construction stages.

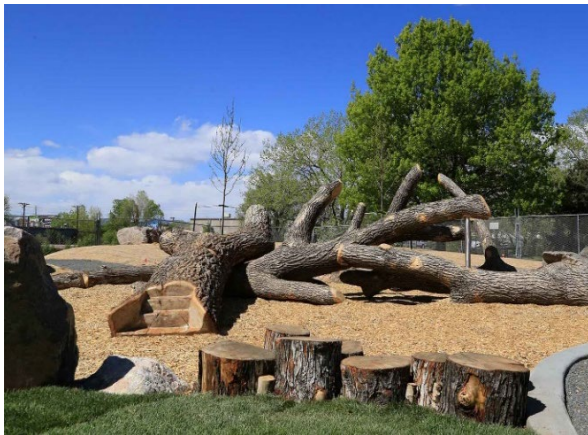
Offset – we will offset any adverse impact on trees or vegetation that cannot be avoided or further minimized with new plantings.

Managing Removals

Pruning and removal of vegetation will be carefully undertaken by a suitably qualified arborist. Trees will be inspected prior to removal and if animals are found, they will be relocated by appropriately qualified professionals.

Where possible, large limbs and trunks that need to be removed will be retained for reuse.

Weeds and non-native vegetation will be appropriately disposed of.



An example of how trunks can be reused for nature play

Revegetation strategy

To enhance biodiversity and climate resilience, we have committed to **increase the tree canopy cover by at least 20%**.

New landscaped areas will be created to offset the vegetation removed and enhance the amenity of the area.

The landscaping designs will balance the use of native and non-native species. This will include semi-mature trees and a variety of trees that focus on providing shade for high traffic pedestrian and cycling areas.

The landscaping will provide future habitat for native fauna, visual amenity, water management, and shading to mitigate urban heat.

Further information, including landscaping concepts and vegetation species, will be provided as the landscaping design progresses in 2025.

Timing of landscaping

Landscaping, including all offset planting, will occur in 2026 following the completion of construction of the overpasses at Marion Road/Cross Road and Morphett Road.

Landscaping works at the South Road overpass will be undertaken as part of the River Torrens to Darlington Project.

Working with the community

We are committed to working with the local community to identify other ways to enhance the natural environment. Initiatives could include:

- reusing trunks for nature play and creating new wildlife habitats
- holding information sessions and workshops focused on how to attract native wildlife into the local area.

We will work with local councils and the community to identify suitable initiatives for the local area.

More information, including how you can provide suggestions, will be shared in the new year. In the meantime, please contact us via the details below if you have any suggestions.

More information

- Visit dit.sa.gov.au/TGSP
- Scan the QR code
- Email info@TGSPAlliance.com.au
- Call 1300 916 976

