



Tram Stop – Landscaping

Engineering Standard

Asset Management

CS2-DOC-003449

DOCUMENT AMENDMENT RECORD

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1. Introduction

The primary function of landscaping is to provide passengers suitable, sustainable and low maintenance landscaping at Adelaide Metropolitan Railway Network (AMPRN) tram stops.

2. Purpose

The purpose of this standard is to outline the fundamental requirements for landscaping at tram stops.

This standard must be read in conjunction with the Rail Commissioner tram stop standards, relevant tram system standards and The Department's Master Specifications.

3. Scope

This standard applies to new or upgraded landscaping at tram stop precincts on the AMPRN.

Existing landscaping may be rated against this standard. In the context of this standard, 'rating' is the compliance review of landscaping that has been designed and installed prior to this standard being published.

Relevant parts of this standard must be used in the design of landscaped locations that are provided away from tram stops.

4. Compliance

There are 3 types of provisions contained within this standard:

1. Requirements
2. Recommendations
3. Permissions

Requirements – it is mandatory to follow all requirements to claim full compliance with the standard. Requirements are identified within the text by the term '**must**'.

Recommendations – do not mention or exclude other possibilities but do offer the one that is preferred. Recommendations are identified within the text by the term '**should**'. Recommendations recognise that there could be limitations to the universal application of the control, i.e. the identified control is not able to be applied or other controls are more appropriate or better.

Permissions – conveys consent by providing an allowable option. Permissions are identified within the text by the term '**may**'.

Deviation from a mandatory requirement noted within this standard is only permitted when an Engineering Waiver has been provided to and approved by Rail Asset Management.

5. References

The following referenced documents are used by this standard for information only:

- DPTI Master Specification Part RD-PV-C7 Permeable Paving
- DPTI Master Specification Part PR-MS-M1 Herbaceous and Woody Weed Control
- DPTI Master Specification Part PR-LS-C9 Irrigation
- DPTI Master Specification Part PR-LS-C12 Bushcare
- DPTI Master Specification L 27 Water Sensitive Urban Design
- DPTI Master Specification Part L60 Maintenance of Plants
- DPTI Master Specification Part L80 Maintenance of Grasses
- TP2-DOC-003519 - Standard – Overhead Wiring System Requirements for the 600v DC Tram Network – Tram System
- Planning, Development and Infrastructure Act 2016

- Environment Protection and Biodiversity Conservation (EPBC) Act 1999
- Native Vegetation Act 1991
- The Natural Resources Management Act 2004

6. Design Requirements

All landscaping at tram stops must be in accordance with The Department's Master Specification Parts:

- DPTI Master Specification Part RD-PV-C7 Permeable Paving
- DPTI Master Specification Part PR-MS-M1 Herbaceous and Woody Weed Control
- DPTI Master Specification Part PR-LS-C9 Irrigation
- DPTI Master Specification Part PR-LS-C12 Bushcare
- DPTI Master Specification Part L27 Water Sensitive Urban Design
- DPTI Master Specification Part L60 Maintenance of Plants
- DPTI Master Specification Part L80 Maintenance of Grasses

7. Design Requirements – Safety

All Crime Prevention Through Environmental Design (CPTED) principles must be followed when planting indigenous vegetation at tram stop precincts. Under storey plants must not exceed one metre in height and the canopy of planted and existing trees must be maintained at 2.5 to 3.0 m above the ground. Trees used in planting must have a single-trunk form so as to reduce the amount of "blind" space created by the trunk.

Vegetation must not prevent direct lines of sight between the tram stop platform, car parking areas and pedestrian thoroughfares. Foliage which may impact on effective lighting if planted too close to light-sources must be avoided.