

Footpaths

Purpose

To provide a guide on the provision of footpaths within the City of Swan.

Guidelines

1) Requirements for Provision of Footpaths and Shared Use Paths in Road Reserves

That the location of footpaths and shared use paths be suited to prevailing traffic and verge conditions in accordance with *Table A 'Requirements for the Provision of Footpath / Shared Use Paths in Road Reserves'* and "Liveable Neighbourhoods" design guidelines.

See:

- i) Table A 'Requirements for the Provision of Footpaths / Shared Use Paths in Road Reserves' on page 3
- ii) Specification 254: Segmental Paving on the City's website
- iii) Specification D9: Cycleway and pathway design on the City's website

2) Footpaths – Subdivisional Development

The City requires 100% contribution from developers for the provision of a comprehensive network of paths throughout subdivisional developments based on the Department for Planning and Infrastructure's "Liveable Neighbourhoods" design guidelines with works to be included as part of its overall subdivision development.

As part of new subdivisions, planning for the provision of infrastructure such as footpaths is included in the design stage of the development. The design takes into account the likely or predicted traffic flows and provides footpaths in the area accordingly. As a result the network contributed by the developer is considered to be sufficient for that area.

3) Footpath Replacement Programme

Priorities for replacement are identified by regular footpath condition surveys conducted by consultants. Footpaths are given a condition ranking that ranges from 0, being "As new" through to 10 meaning it is at the end of its useful life. A footpath condition survey should be conducted every three years. There are also some paths identified by requests from the general public and City officers.

4) Footpaths in Midland CBD and Guildford Heritage Area

- a) Generally, within the Midland CBD brick paved footpaths are to be constructed with Midland Brick "Pilbara Iron" or equivalent.
- b) Generally, within the Guildford Heritage Area brick paved footpaths are to be constructed with Midland Brick "Sentosa" or equivalent.
- c) All shared use surfaces (including paths used by cyclists) are to be constructed in concrete or asphalt, with red asphalt required in the Guildford Heritage Area

5) Verge Treatments – Footpaths

All requests for paving are to be in writing and accompanied by a relevant plan. See the verge treatment guidelines Included in the City's Landscape Guidelines and Verge Tree Guidelines available on the City's website.

6) Provision of Footpaths in Rural Areas

In general providing footpaths in Rural Areas is not considered necessary due to typically low traffic flow figures. Traffic speed and proximity to community facilities should be considered when deciding upon construction of footpaths in Rural areas. See Table A on page 3.

Road Classification	General Environment Description	Traffic Volume (Average Weekday Traffic) Vehicles / Day	Speed Limit (kph)	Recommended Footpath Width			Comments
				Boundary Alignment (m)	Mid Verge Alignme nt (m)	Back of Kerb Alignment (m)	
Access Place/Access Way	<ul style="list-style-type: none"> Access required to properties Reduced lot sizes and road reserve widths result in increased landscaping of verge by residents. Low traffic - low speed environment 	< 500	50	1.5	1.5	1.5	<ul style="list-style-type: none"> Generally there are no footpath requirements where traffic volumes are less than 500 vehicles per day; however path widths indicated may be used adjacent to schools, parks or other community facilities.
Access Way	<ul style="list-style-type: none"> Access required to properties. Reduced lot sizes and road reserve widths result in increased landscaping of verge by residents. 	=> 500 and < 1000	50	1.5	1.5	1.5 – 2.0	<ul style="list-style-type: none"> Mid verge or kerb alignment preferred. Boundary alignments are not suitable where in proximity to buildings or they interrupt verge landscaping.
Local Distributor Road	<ul style="list-style-type: none"> Access generally required to properties Increased road reserves and verge widths. 	=> 1000 and < 3000 => 3000 and < 6000	60 60	1.5 2.0	1.5 2.0	2.0 2.0-2.5	<ul style="list-style-type: none"> Boundary or mid verge alignment preferred
District Distributor Road	<ul style="list-style-type: none"> Limited access required to properties (access via service roads or adjacent subdivisions) 	=> 6000 and < 15000	60 -70	2.0	2.0	2.5	<ul style="list-style-type: none"> Boundary alignment preferred Full width verge paving may be required for commercial locations and areas adjacent to parking facilities.

Note:

- Footpath widths and alignments as listed are recommended **minimum** requirements only, however the final alignment chosen maybe governed by local physical constraints and/or road geometry.
- In areas where footpaths extend to full verge width, consideration shall be given to providing soft landscaping e.g. trees, planter boxes etc.

Table A: Requirements for the Provision of Footpaths / Shared Use Paths in Road Reserves.

Guideline Administration

Guideline Owner			
Business Unit Name		Officer Title	
Asset Management		Manager, Asset Management	
Risk Complexity Classification	2	Review Frequency	Bi-annually