

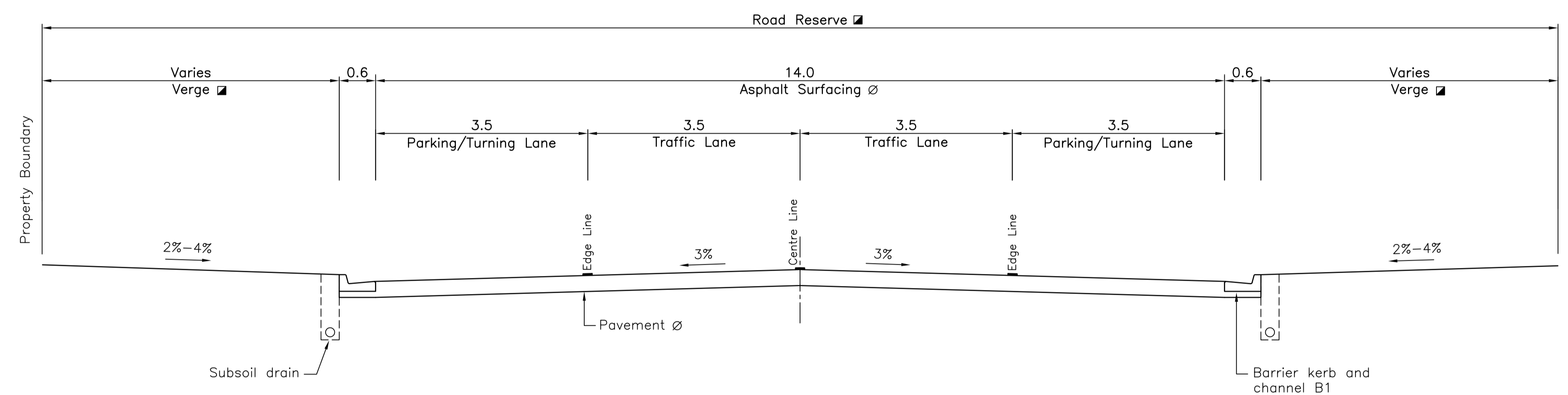
NOTES

1. All dimensions are in metres unless noted otherwise.
2. This drawing to be read in conjunction with Development Manual, relevant Australian Standards and manufacturer's specifications.
3. Wearing surface, pavement design and subgrade treatment to be in accordance with Development Manual SC6.4.4.2 Pavement Design.
4. Wearing surface in highly stressed areas due to braking, turning and acceleration, such as roundabout and stopping lanes at traffic signals, shall be polymer modified asphalt as per Main Roads Technical Specification 18 – Polymer Modified Binder.
5. For principles underlying street/road selection and network planning refer to Development Manual SC6.4.4.1 – Geometric Road Design.
6. Subsoil drains to be in accordance with Development Manual SC6.4.4.2 Pavement Design and TCC Standard Drawing SD-080.
7. Design Engineer to consider 'clear zone' in locations, type of road furniture and vegetation (roadside hazards).
8. For street lighting requirements refer to AS1158.
9. Pavement marking and RRPm's to be in accordance with Main Roads MUTCD – Part 2.
10. For driveway access details refer to TCC Standard Drawing SD-031.
11. Location of all existing services shall be confirmed by the relevant authority prior to commencement of any construction works.

▣ Minimum Road Reserve Width and Verge Widths dependent on pathway requirements. Refer TCC Standard Drawing SD-015.

WEARING SURFACE AND PAVEMENT DESIGN

∅ Wearing surface (minimum depth of 50mm asphalt) and pavement design to be determined by the Design Engineer. Refer notes 3 and 4.

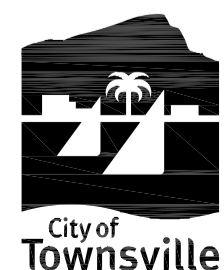


INDUSTRIAL

- Posted speed 50km/h
- Direct property access
- On-street parking permitted
- Provision for bus route if required (indented bus stop)
- Centre line and edge lines to be shown on layout plan
- Footpath to be provided as per footpath network plan for development

Refer to Development Manual SC6.4.4.1 Geometric Road Design and SC6.4.3.13 Townsville Road Hierarchy

Final Industrial Road Cross Section to be determined in conjunction with the B-Double Turning Path and Access Plan. For example drawing refer to TCC Standard Drawing SD-006.

		NOTES :		Full Size A1		DRAWN: DESIGN OFFICE		CHECKED: WP		 <p>City of Townsville Ph: (07) 4727 9000 www.townsville.qld.gov.au</p>		<p>TYPICAL CROSS SECTIONS</p> <p>INDUSTRIAL</p>		<p>STANDARD DRAWING</p> <p>ROADWORKS</p>	
				Not to Scale		Design Engineer Approved: Original signed by JORGE EL-KHOURI		Date: 28/5/14							
						Manager Approved: Original signed by JOHN CLARKE		Date: 28/5/14							
B	29/04/2014	AMENDMENTS FROM DEVELOPMENT MANUAL CONSULTATION													
A	08/13	ORIGINAL ISSUE													
No.	DATE	DESCRIPTION		AP'D											
		REVISIONS													

SD-005 B