

INDUSTRIAL ROADS

Road Characteristics – Industrial Roads

Road Type	Max. VPD	Parking	Kerb & Channel Type	Minimum Width (mm) *
Local Access Road: (Note 2)				
One Way Service Road			B2 Type – Refer Std Dwg SD101	7000
On Street Parking One Side Only			B2 Type – Refer Std Dwg SD101	10000
On Street Parking Both Sides			B2 or SM2 Type – Refer Std Dwg SD101	12200
Main Access Road (4 lanes): (Note 3)				
Undivided			B2 or SM2 Type – Refer Std Dwg SD101	14600
Divided			B2 or SM2 Type – Refer Std Dwg SD101	16000

* Measured invert to invert.

CHART 'A'

Pavement Composition – Industrial Roads

MINIMUM PAVEMENT REQUIREMENTS (See Note 1)

Pavement Layer	Pavement Material	Pavement Thickness (mm)
Surfacing	Size 14 Type HG (V) Asphalt	40
Intermediate Layer	Size 20 Type SI (T) Asphalt	85
Base	Size 20 Type SF (R) Asphalt	75
Upper Subbase	20mm Class 3, 3% Cement Treated, Crushed Rock (E=500MPa)	150
Lower Subbase	20 or 40mm Class 4 Crushed Rock Or Approved Equivalent	≥250
Total		≥600

NOTES:

- For Industrial Roads the total pavement thickness and composition shall be designed using a mechanistic pavement design approach in accordance with the Hume City Council Industrial Road Design Guidelines. Regardless of the results of this approach, the MINIMUM pavement thickness and composition for industrial pavements shall be as detailed in Chart 'A'.
- An Industrial Local Access Road provides access for commercial vehicles to the abutting industrial developments. The majority of traffic will be generated by these developments and externally generated through traffic will be minimal.
- An Industrial Main Access Road provides for all traffic generated by the industrial developments to access the arterial road network. Roads shall provide four traffic lanes and may be divided with a grassed central median.

Amendments				DRAWN : K. GRAHAM		PO Box 119 1079 Pascoe Vale Road Broadmeadows Victoria 3047 Telephone 03) 9205 2200 Facsimile 03) 9309 0109	TYPE : ROAD CHARACTERISTICS AND PAVEMENT COMPOSITION – INDUSTRIAL ROADS
No.	Detail	Initials	Date				
1.	Asphalt Codes Changed To New Mix Codes	R.C.	July 06	CHECKED : P. TUTTLE			
2.	Min Pavement Changed	R.C.	Oct 07	APPROVED : S. PLATER			
				SCALE :			
				ISSUE DATE: JUNE 2004			DRAWING NO: SD 07