

## 18

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VC71

## TRANSPORT

Planning should ensure an integrated and sustainable transport system that provides access to social and economic opportunities, facilitates economic prosperity, contributes to environmental sustainability, coordinates reliable movements of people and goods, and is safe.

### 18.01

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### Integrated Transport

#### 18.01-1

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### Land use and transport planning

#### Objective

To create a safe and sustainable transport system by integrating land-use and transport.

#### Strategies

Develop transport networks to support employment corridors that allow circumferential and radial movements.

Plan urban development to make jobs and community services more accessible by:

- Ensuring access is provided to developments in accordance with forecast demand, taking advantage of all available modes of transport and to minimise adverse impacts on existing transport networks and the amenity of surrounding areas.
- Coordinating improvements to public transport, walking and cycling networks with the ongoing development and redevelopment of the urban area.
- Concentrating key trip generators such as higher density residential development in and around Central Activities Districts, Principal, Major and Specialised Activity Centres on the Principal Public Transport Network.
- Requiring integrated transport plans to be prepared for all new major residential, commercial and industrial developments.
- Requiring that substantial increases in activity in employment corridors are connected to the Principal Public Transport Network.
- Providing routing, bus stop and interchange arrangements for public transport services in new development areas.
- Providing safe, convenient and direct pedestrian and cycling access to activity centres, public transport interchanges and other strategic redevelopment sites.

Integrate public transport services and infrastructure into new development.

#### Policy Guidelines

Planning must consider as relevant:

- *Activity Centres and Principal Public Transport Network Plan* (2010).
- *Melbourne 2030* (Department of Sustainability and Environment, 2002).
- *Melbourne 2030: A planning update Melbourne @ 5 million* (Department of Planning and Community Development, 2008).

- *The Victorian Transport Plan* (Department of Transport, 2008).
- *Public Transport Guidelines for Land Use and Development* (Department of Transport, 2008).
- *Victorian Cycling Strategy* (State Government of Victoria, 2009).

## 18.01-2

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### Transport system

#### Objective

To coordinate development of all transport modes to provide a comprehensive transport system.

#### Strategies

Require transport system management plans for key transport corridors and for major investment proposals.

Reserve land for strategic transport infrastructure.

Incorporate the provision of public transport and cycling infrastructure in all major new State and local government road projects.

Locate transport routes to achieve the greatest overall benefit to the community and with regard to making the best use of existing social, cultural and economic infrastructure, minimising impacts on the environment and optimising accessibility, safety, emergency access, service and amenity.

Locate and design new transport routes and adjoining land uses to minimise disruption of residential communities and their amenity.

Plan or regulate new uses or development of land near an existing or proposed transport route to avoid detriment to, and where possible enhance the service, safety and amenity desirable for that transport route in the short and long terms.

Encourage higher land use densities and mixed use developments near railway stations, major bus terminals, transport interchanges, tramways and principal bus routes. Pedestrian and cyclists access to public transport should be facilitated and safeguarded.

Ensure transport practices, including design, construction and management, reduce environmental impacts.

Ensure careful selection of sites for freight generating facilities to minimise associated operational and transport impacts to other urban development and transport networks.

Consider all modes of travel, including walking, cycling, public transport, taxis and private vehicles (passenger and freight) in providing for access to new developments.

#### Policy guidelines

Planning must consider as relevant:

- *The Victorian Transport Plan* (Department of Transport, 2008).
- *Freight Futures: Victorian Freight Network Strategy for a more prosperous and liveable Victoria* (Department of Transport, 2008).
- *Public Transport: Guidelines for land use and development* (Department of Transport, 2008).

- Any relevant highway strategy published by VicRoads.

## **18.02 Movement networks**

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### **18.02-1 Sustainable personal transport**

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#### **Objective**

To promote the use of sustainable personal transport.

#### **Strategies**

Encourage the use of walking and cycling by creating environments that are safe and attractive.

Develop high quality pedestrian environments that are accessible to footpath-bound vehicles such as wheelchairs, prams and scooters.

Ensure development provides opportunities to create more sustainable transport options such as walking, cycling and public transport.

Ensure cycling routes and infrastructure are constructed early in new developments.

### **18.02-2 Cycling**

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#### **Objective**

To integrate planning for cycling with land use and development planning and encourage as alternative modes of travel.

#### **Strategies**

Direct and connected bicycle infrastructure should be provided to and between key destinations including activity centres, public transport nodes and major attractions.

Cycling infrastructure (on-road bicycle lanes off-road bicycle paths) should be planned to:

- Separate cyclists from other road users, particularly motor vehicles.
- Provide the most direct route practical.

Require the provision of adequate bicycle parking and related facilities to meet demand at education, recreation, shopping and community facilities and other major attractions when issuing planning approvals.

Provide improved facilities, particularly storage, for cyclists at public transport interchanges, rail stations and major attractions.

Ensure provision of bicycle end of trip facilities in commercial buildings.

Develop local cycling networks and new cycling facilities that link to and complement the metropolitan-wide network of bicycle routes – the Principal Bicycle Network.

#### **Policy guidelines**

Planning must consider as relevant:

- *Guide to Traffic Engineering Practice Part 14-Bicycles* (AUSTROADS, 1993).
- *Victorian Cycling Strategy* (State Government of Victoria, 2009).

### 18.02-3

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## Principal Public Transport Network

### Objective

To upgrade and develop the Principal Public Transport Network and local public transport services in Metropolitan Melbourne to connect activity centres, link activities in employment corridors and link Melbourne to the regional cities.

### Strategies

Establish fast train services that serve key regional cities and townships and connect them with Central Activities Districts, Principal and Major Activity Centres along the radial routes connecting to Central Melbourne.

Improve connections to Central Activities Districts, Principal and Major Activity Centres that are not adequately serviced by the Principal Public Transport Network and public transport services and interchanges at stand alone shopping centres.

Provide a Principal Public Transport Network that allows for circumferential, in addition to radial movements.

Identify key strategic transport corridors capable of providing fast, reliable and frequent public transport services.

Support the Principal Public Transport Network with a comprehensive network of local public transport services.

Design local bus services to meet the need for local travel as well as providing for connections to the Principal Public Transport Network.

Achieve greater use of public transport by increasing densities, maximising the use of existing infrastructure and improving the viability of the public transport operation.

Improve the operation of the existing public transport network with faster, more reliable and efficient on-road and rail public transport by:

- Improving the movement, efficiency and reliability of the road-based public transport by road-space management measures including transit lanes, clearways, traffic-light prioritisation and stop design.
- Improving the rail network by identifying and treating rail 'red spots' and expanding rail corridor speed and loading capacities.

Improve access to the public transport network by:

- Ensuring integration with walking and cycling networks.
- Providing end of trip facilities for pedestrians and cyclists and public transport nodes.

### Policy guidelines

Planning must consider as relevant:

- *Activity Centres and Principal Public Transport Network Plan* (2010).
- *Public Transport Guidelines for Land Use and Development* (Department of Transport, 2008).

- *Melbourne 2030* (Department of Sustainability and Environment, 2002).
- *Melbourne 2030: A planning update Melbourne @ 5 million* (Department of Planning and Community Development 2008).
- *The Victorian Transport Plan* (Department of Transport, 2008).
- *Victorian Cycling Strategy* (State Government of Victoria 2009).

#### 18.02-4

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### Management of the road system

#### Objective

To manage the road system to achieve integration, choice and balance by developing an efficient and safe network and making the most of existing infrastructure.

#### Strategies

Plan and regulate the design of transport routes and nearby areas to achieve visual standards appropriate to the importance of the route with particular reference to landscaping, the control of outdoor advertising and, where appropriate, the provision of buffer zones and resting places.

Provide for grade separation at railway crossings except with the approval of the Minister for Transport.

Make better use of roads for all road uses through such techniques as the provision of wider footpaths, bicycle lanes, transit lanes (for buses and taxis) and specific freight routes.

Selectively expand and upgrade the road network to provide for:

- High-quality connections between Metropolitan Melbourne and regional cities, and between regional cities.
- Upgrading of key freight routes.
- Ongoing development in outer suburban areas.
- Higher standards of on-road public transport.
- Improved key cross-town arterial links in the outer suburbs including circumferential and radial movement.

Improve road networks where public transport is not viable, and where the road development is compatible with the Neighbourhood Principles and urban design objectives.

Improve roads in developing outer-suburban areas to cater for car, bicycle, public transport, and freight, commercial and service users.

Improve the management of key freight routes to make freight operations more efficient while reducing their external impacts.

Ensure that road space complements land use and is managed to meet community and business needs.

#### 18.02-5

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### Car parking

#### Objective

To ensure an adequate supply of car parking that is appropriately designed and located.

## Strategies

Allocate or require land to be set aside for car parking subject to the existing and potential modes of access including public transport, the demand for off-street car parking, road capacity and the potential for demand management of car parking.

Encourage the efficient provision of car parking through the consolidation of car parking facilities.

Prepare or require parking precinct plans for the design and location of local car parking to:

- Protect the role and function of nearby roads, enable easy and efficient use and the movement and delivery of goods.
- Achieve a high standard of urban design and protect the amenity of the locality, including the amenity of pedestrians and other road users.
- Create a safe environment, particularly at night.
- Facilitate the use of public transport.

Protect the amenity of residential precincts from the effects of road congestion created by on-street parking.

Plan adequate provision for taxi ranks as part of activity centres, transport interchanges and major commercial, retail and community facilities.

## Policy guidelines

Planning must consider as relevant:

- *Public Transport Guidelines for Land Use and Development* (Department of Transport, 2008).

### 18.03

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## Ports

### 18.03-1

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## Planning for ports

### Objective

To recognise the importance to Victoria of economically sustainable major ports (Melbourne, Geelong, Portland, Hastings) by planning for appropriate access, terminal areas and depot areas.

### Strategies

Identify and protect options for access to, and future development at, the ports of Melbourne, Geelong, Hastings and Portland.

Improve rail freight access to ports.

Retain the Port of Hastings as a long-term option for future port development should the ports of Melbourne and Geelong no longer meet the State's needs.

Ensure port areas are protected by adequate buffers to minimise land-use conflict.

Physically separate port and industrial development from sensitive urban development by the establishment of appropriate buffers which reduce the impact of vibration, intrusive lighting, noise and air emissions from port activities.

## Policy guidelines

Planning must consider as relevant:

- *The Victorian Transport Plan* (Department of Transport, 2008).
- *Melbourne 2030* (Department of Sustainability and Environment, 2002).
- *Victorian Ports Strategic Framework* (Department of Transport, 2004).
- *Freight Futures: Victorian Freight Network Strategy for a more prosperous and liveable Victoria* (Department of Transport, 2008).
- *Statement of Planning Policy No 1 - Western Port* (1970-varied 1976).
- *Port Futures* (State Government of Victoria, 2009).
- *Port of Hastings Land Use and Transport Strategy* (2009).
- *Port of Portland - Port Land Use Strategy* (2009).
- *Port of Geelong- Port Land Use Strategy* (2009).
- *Port of Melbourne Port Development Strategy* (2009).

### 18.03-2

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## Planning for land adjacent to ports

### Objective

To plan the land resources adjacent to ports to facilitate the efficient operation of the port and port-related uses and minimise adverse impacts on surrounding urban development and the environment.

### Strategies

Ensure that planning and development for use of land adjacent to ports:

- Achieves and maintains a high standard of environmental quality.
- Integrates with policies for the protection of the environment, particularly marine environments.
- Takes into account planning for the port, adjacent areas and the relevant catchment.

Protect the land resources adjacent to ports to preserve their value for uses which depend upon or gain significant economic advantage from proximity to the ports' particular shipping operations.

Ensure that planning and development of the Fishermans Bend precinct does not jeopardise the needs of the Port of Melbourne as a working port and as one of the State's most important transport gateways.

### 18.04

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## Airports

### 18.04-1

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## Melbourne Airport

### Objective

To strengthen the role of Melbourne Airport within the State's economic and transport infrastructure and protect its ongoing operation.

### **Strategies**

Ensure the effective and competitive operation of Melbourne Airport at both national and international levels.

Ensure any new use or development does not prejudice the optimum usage of Melbourne Airport.

Ensure any new use or development does not prejudice the curfew-free operation of Melbourne Airport.

Protect the curfew-free status of Melbourne Airport.

### **Policy guidelines**

Planning must consider as relevant:

- *Melbourne Airport Master Plan* (Australia Pacific Airports (Melbourne) Pty Ltd, September 2008).
- *Melbourne Airport Strategy* (Government of Victoria/Federal Airports Corporation, approved 1990) and its associated *Final Environmental Impact Statement* in relation to planning decisions affecting land in the vicinity of the Melbourne Airport.

## **18.04-2**

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### **Planning for airports**

#### **Objective**

To strengthen the role of Victoria's airports within the State's economic and transport infrastructure and protect their ongoing operation.

#### **Strategies**

Protect airports from incompatible land-uses.

Ensuring that in the planning of airports, land-use decisions are integrated, appropriate land-use buffers are in place and provision is made for associated businesses that service airports.

Ensuring the planning of airports identifies and encourages activities that complement the role of the airport and enables the operator to effectively develop the airport to be efficient and functional and contributes to the aviation needs of the State.

Protect the environs of Avalon Airport so it can operate as a full-size jet airport focusing on freight, training and services.

Recognise Essendon Airport's current role in providing specialised functions related to aviation, freight and logistics and its potential future role as a significant employment and residential precinct that builds on the current functions.

Recognise Moorabbin Airport as an important regional and State aviation asset by supporting its continued use as a general aviation airport, ensuring future development at the site encourages uses that support and enhance the State's aviation industry and supporting opportunities to extend activities at the airport that improve access to regional Victoria.



Maintain Point Cook Airfield as an operating airport complementary to Moorabbin Airport.

Preserve long-term options for a new general aviation airport south-east of Metropolitan Melbourne by ensuring urban development does not infringe on possible sites, buffer zones or flight paths.

### **Policy guidelines**

Planning must consider as relevant:

- *Avalon Airport Strategy* (Department of Business and Employment/AeroSpace Technologies of Australia, 1993) and its associated Aircraft Noise Exposure Concepts.

## **18.04-3**

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### **Planning for airfields**

#### **Objective**

To facilitate the siting of airfields and extensions to airfields, restrict incompatible land use and development in the vicinity of airfields, and recognise and strengthen the role of airfields as focal points within the State's economic and transport infrastructure.

#### **Strategies**

Avoid the location of new airfields in areas which have greater long-term value to the community for other purposes.

Plan the location of airfields, existing and potential development nearby, and the land-based transport system required to serve them as an integrated operation.

Plan the visual amenity and impact of any use or development of land on the approaches to an airfield to be consistent with the status of the airfield.

Plan for areas around all airfields such that:

- Any new use or development which could prejudice the safety or efficiency of an airfield is precluded.
- The detrimental effects of aircraft operations (such as noise) is taken into account in regulating and restricting the use and development of affected land.
- Any new use or development which could prejudice future extensions to an existing airfield or aeronautical operations in accordance with an approved strategy or master plan for that airfield is precluded.

## **18.05**

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### **Freight**

## **18.05-1**

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### **Develop freight links**

#### **Objective**

To further develop the key transport gateways and freight links and maintain Victoria's position as the nation's premier logistics centre.

## **Strategies**

Improve the freight and logistics network to optimise freight handling.

Ensure suitable sites for intermodal freight terminals at key locations around Metropolitan Melbourne including Altona, Tottenham, Somerton, Dandenong and Beveridge are protected.

## **Policy guidelines**

Planning must consider as relevant:

- *Freight Futures: Victorian Freight Network Strategy for a more prosperous and liveable Victoria* (Department of Transport, 2008).