

Designing for Pedestrian and Cyclists – Training Courses for Professionals

In Brief

Town/Region	Inner City, Suburban, Metro, Regional towns
State	NSW and QLD
Context	Urban mobility
Target Group	Transport professionals including road designers, traffic engineers, planners, project managers, consultants
Organisation(s):	Sustainable Transport Consultants Pty Ltd under licence to the RTA NSW, Department of Transport and Main Roads, Queensland
Timing of Development	Courses ongoing. Approximately three per year
Web link	http://www.sustainabletransport.com.au
Key Principles	Developing empathy with, and an understanding of, pedestrians and cyclists as road users Key principles for designing facilities for cyclists and pedestrians Types of facilities and their uses
Process/Action Elements	Education and training

Overview

This course is designed to provide road transport engineering and planning practitioners with a working knowledge of pedestrian and cycling planning and design issues and current best practice. The aim is to help engineers and planners provide for people walking and cycling as an integral part of the overall road transport system. The course consists of a mixture of classroom presentations, practical work on site and group technical assignment work where participants work in teams to develop solutions to a number of real-life examples.



OUTCOMES

Successes

- Knowledge and understanding of key operating characteristics of pedestrians and cyclists to ensure better transport integration.
- Empathy with, and knowledge of, cyclists and pedestrians as transport users to ensure holistic road design.
- Understanding of the importance of sustainable transport modes and their role in the transport system.
- This training course is now an integrated part of the road authority and local government technical training program for Queensland and NSW. Professional associations, local government associations and internal government communication channels are regularly supplied with information on upcoming training course dates and venues.

Learnings

At the conclusion of this course participants should be able to:

- recognise the key operating needs and requirements of cyclists and pedestrians
- identify basic treatments and facilities available to the planner and designer to provide successfully for cyclists and pedestrians, including mid-block and at intersections
- understand the range of design issues relating to the planning, design, construction, management and maintenance of facilities

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- apply their knowledge and skills to the design, construction and management of facilities for bicycle riders and pedestrians
- recognise the importance of incorporating provision for cyclists and pedestrians in all types of transport related planning, and,
- identify the key resource and regulatory documents for facilities provision and policy.
- Time available to professionals to take on additional training is limited.
- Including high quality provision for cyclists and pedestrians presents a challenge to the current transport paradigm which until now gives overwhelming consideration to motor-based transport.

Benefits

- Course promotes a holistic and inclusive approach to road-based transport.
- Course structure integrates field experience on foot and by cycle with theory/principles and group-work assignments.
- Current guidelines and best practice manuals are explained and promoted.
- Access to extensive resources package.
- High quality visual presentations including best practice examples.

REFERENCES

For more information on these training courses contact:

Warren Salomon

Sustainable Transport Consultants Pty Ltd

PO Box 1601 BONDI JUNCTION NSW 1355 Australia

Phone: 02 9386 4484 Fax: 02 9012 0793

Email: wsalomon@sustainabletransport.com.au

Web link: <http://www.sustainabletransport.com.au>