

Presentations from Speakers:

Prof David Hensher
University of Sydney

Jo Brosnahan
Auckland Regional Council, NZ

John Bonsall
McCormick Rankin Canada

David Ta-Wei Poo
Parsons Transportation USA

Alexandre Meirelles
Belo Horizonte Brazil

Robert Bramen
Parsons Brinckerhoff, USA

Volvo Bus
Sweden

Malcolm Moor
United Kingdom

Roger Allport
Halcrow Fox, United Kingdom

Speakers on Queensland, New South Wales, Victorian, South Australian, Western Australian and New Zealand Transitway Developments



SMART URBAN TRANSPORT CONFERENCE

Using Transitways and Busways

17 - 20 October 2000 ■ Brisbane Australia

This is your opportunity to:

UPDATE

on the latest international developments in busways

HEAR

from experts on the latest developments in busway station design and integrated ticketing

SHARE

experience and lessons learned in planning and constructing busways

DISCUSS

current issues and challenges with experts and practitioners

SEE AND TALK

to suppliers of services and technology

Plus -

One Day Short Course:

Economic Evaluation of Public Transport Infrastructure Projects

Half day Busway Tour:

Includes Brisbane's

South East Busway

Improvements to urban transport are attracting considerable attention around the world with Australia and New Zealand at the leading edge. Dedicated and on-road mass transit facilities, particularly busways and transitways, along with high occupancy vehicle facilities, are in various stages of development and implementation in the major centres of Brisbane, Sydney, Melbourne, Perth, Adelaide and Auckland.

Official Publications -

Traffic Technology International

The Intelligent Highway

Endorsed by Queensland Transport

The first section of Brisbane's South East Busway is due to open in September 2000 and work is well advanced on the 15km of exclusive busway and 20km of transit lanes -

come and see and hear Queensland Transport's experience.



Queensland Government

Queensland Transport

Objective

To provide a forum where the transport industry can learn the latest international developments with busways and transitways, share experiences and lessons learned and develop solutions.

Topics include:

- Planning for better urban transport
- Global developments in busways and transitways
- Design services to meet market needs
- Busway station planning, design and operations
- Track design for desired operations
- Intelligent busways and transitways
- Passenger information and ticketing
- Institutional issues
- Evaluation of busways and transitways

Conference venue

The Hilton Brisbane ★★★★★ is conveniently located near shops and entertainment in the heart of Brisbane.

Speakers

- Transport agencies responsible for busways and transitways in Australasia - Brisbane, Sydney, Melbourne, Perth, Adelaide, Auckland
- Experts and commentators on international developments from Europe, Asia, & North and South America
- Busway experts, consultants, academics
- Bus Industry - ITS Technology - bus priority, passenger information, integrated ticketing, information systems
- Bus and transit operators

Who should attend

Those interested in developing better urban transport - from policy and strategy; planning and design; construction; and operations and management - perspectives:

- National, state, and local transport agency staff
- Non-government transport related organisations - motorist, bus, planning, environment
- Technology equipment and service providers
- Transport experts and consultants
- Researchers and academics



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Major Sponsor

mi
transport systems

“Australia and New Zealand will spend more than \$A2 billion over the next five years on busways and transitways.”



Sponsorship and Showcase Opportunities

Would you like to reach the "Who's Who" of busways and transitways in Australasia?

For a sponsorship package or information on exhibiting at the Showcase contact

David Hughes
OzAccom Conference Services.
Telephone: +617 3854 1611
E-mail: david@ozaccom.com.au

Visit the showcase during morning and afternoon breaks and lunch periods



Transport Roundtable Australasia Pty Ltd, the organiser of this conference, was established to promote research and exchange of knowledge in the specialised areas of transport strategy, management and operations. The principals are Phil Sayeg and Prof. Phil Charles, both based in Brisbane Australia.

Organised by: Transport Roundtable Australasia Pty Ltd ACN 093 380 217
PO Box 3224 South Brisbane Qld Tel +617 3844 5266 Fax +617 3844 5501
Website www.transportroundtable.com.au ABN 94 093 380 217

Tuesday 17 October 2000

09:00 - 5:30 **Pre-Conference Short Course** (Optional)

Economic Evaluation of Public Transport Infrastructure Projects

Full-day short course by leading expert

David Bray, Economic and Policy Services, Adelaide.

See further details on page 5

6:30-7:30pm **Welcome Reception & Registration** Sponsored by MI

Wednesday 18 October 2000

8:15 Registration and coffee

8:55 **Opening remarks from the Chair**
Prof Phil Charles, University of Queensland

9:00 **Opening Address**
Bruce Wilson, Director General Queensland Transport

9:15 **Session 1.**
The Australasian Context - Planning for Better Urban Transport

Why Busways & Transitways?

- Integrated Transport Strategic Framework - to reverse declining patronage, more congestion, more pollution
- Challenges faced by public transport industry and prospects for resolution
- Service quality: Meeting passenger needs and addressing perceptions
- Debate on the role of specific technologies: light rail and bus-based transitways
- Emerging environmental technologies

Prof David Hensher, Director
Institute of Transport Studies University of Sydney

Jo Brosnahan, Chief Executive
Auckland Regional Council - New Zealand

10:15 **Morning break**

10:45 **Session 2.**
Global Developments

International Developments

- Summary of international experiences and developments
- John Bonsall**, President
McCormick Rankin International - Canada
- David Ta-Wei Poo**, Vice President
Asian Business Development Parsons Transportation Group - USA (Former Director Transportation, Taipei Municipal Government, Taiwan)
- Alexandre Meirelles**, Traffic Planning Manager
Belo Horizonte Transport & Traffic Authority - Brazil
- Barry Mein**, Director Transportation
Auckland Regional Council - New Zealand

12:30 **Lunch**

1:30

Australasian Developments

- Summary of developments in Brisbane, Sydney, Perth and Adelaide
- Les Ford**, Executive Director
Metropolitan Transport Development
Queensland Transport - Brisbane QLD
- David Stuart-Watt**, Director
Client Services (Transitways) Roads & Traffic Authority - Sydney, New South Wales
- Hugo Llopis**, Director
Metropolitan Infrastructure
Department of Transport - Perth, Western Australia
- Michael Wilson**, Public Transport Board - Adelaide, South Australia

Afternoon break

Session 3. **Designing Bus Services to Meet Market Needs**

- Service and vehicle design issues - setting minimum service standards for busways
- Different models of operation
- Choosing the right corridors for each technology
- Bus system reorganisation opportunities
- Environmental credentials of busways

Robert Bramen, Senior Vice President
Parsons Brinckerhoff Quade & Douglas Inc - USA

Jonathon Cook, Chief Executive
Hornibrook Bus Lines & Australian Transit Enterprises - Brisbane

John Devney, Senior Public Transport Planner
Maunsell McIntyre - Melbourne
Representative Volvo Bus Corporation - Sweden

Peter Anyon, Emission Program Director
Parsons Australia - Brisbane

Closing remarks from the Chair

Conference Dinner Sponsored by MI

Thursday 19 October 2000

8:30

Session 4. **Busway Station Planning, Design and Operations**

- Urban design and transit planning
 - Station location, operational issues, capacity issues, treatment of passenger transfer between platforms, disability issues, security, architectural, signing, passenger amenities
 - Rehabilitation of existing facilities, traffic access issues, impacts on local areas, opportunities for restructuring land use
 - Operational issues affecting busway station capacity
 - Relationship to adjacent development
- Malcolm Moor**, Specialist Architect
Planner United Kingdom
- Derek Trusler**, Director
3D WORX Australia (Architect SE Busway)

Continued on page 4...

...Continued from page 3.

Barry Gyte, Senior Advisor,
Planning & Policy SE Busway Queensland Transport -
Brisbane

Dick Fleming, Principal
Public Transport PPK Environment & Infrastructure - Sydney

Stein Grodum
SE Busway Queensland Transport

Steven Luke, Project Manager
Connell Wagner - Brisbane

10:30

Morning break

11:00

Session 5.
**Busway and Transitway Track Design
for Desired Operations**

- Co-location of light rail on busway and conversion implications
- Accessible transport requirements
- Safety management planning
- Geometric design of busways
- Busway design manual

Andrew Matthews and **Harry Asche**, Consultants
Connell Wagner - Brisbane

Bernie Carolan, Director Operations
National Express Group Australia - Melbourne

Ray Donato, Safety Consultant,
SE Busway Donato Consulting - Brisbane

Ken Gosselin, Director and
Stephen Schijns, Project Manager
McCormick Rankin - Canada and Australia

12:30

Lunch

1:30

Session 6.
Intelligent Busways and Transitways

- ITS and transit management
- Fleet management - AVL, telecommunications, computer aided dispatch, scheduling
- Traffic management - incident management, signal priority
- Public security
- Managing traffic during staged development
- Bus technology advances to increase comfort and reduce pollution

Stewart Wharton, Business Development Manager
Motherwell Information Systems - Perth

Peter van Ross, Commercial Manager
Tyco Integrated Systems - Sydney

Steven Schijns, Consultant Project Manager
SE Busway McCormick Rankin - Brisbane and

Mark Dickson, Principal
Maunsell McIntyre - Adelaide

ITS Technology company representative to be advised

3:30

Afternoon break

3:45

Session 7.
Passenger Information and Ticketing

- Hierarchy of Traveller information - integrated/multi-modal traveller information, project/mode specific,
- Static passenger information needs
- Real time information needs, role and potential

17:30

- Ticketing (integrated) - role of smart cards and electronic fare payment

Corrine Cadilhac, Project Manager, Smart Bus
Department of Infrastructure Victoria - Melbourne

David Panter, Project Manager
BLISS RAPID Brisbane City Enterprises - Brisbane

Richard Fleming
ERG Group - Sydney

ITS Technology - Representative to be advised

Closing remarks from the Chair

Friday 20 October 2000

8:30

Session 8.
Institutional Issues

- Issues during Transitway development
- Options for project delivery
- Options for long-term operation
- Coordination during and after construction
- Special functions - cleaning, security, contracting out?
- Bus service purchaser's point of view
- Busway marketing and communication

Don Steele, Project Director, South East Busway
Queensland Transport and **Ken Gillard**, Principal
Connell Wagner - Brisbane

Heather Webster, Executive Director
Passenger Transport Board - Adelaide, South Australia

Mark Streeting, Associate
Booz Allen & Hamilton - Brisbane

Adrian Webb, Project Manager
Integrated Ticketing Queensland Transport - Brisbane

Joe Fresta, Senior Communications Officer, SE Busway
Queensland Transport - Brisbane

10:00

Morning break

10:30

Session 9.
Evaluation and Monitoring

- Economics
- Development impact
- Financial
- Funding
- Monitoring
- Technology

Roger Allport, Director and **Roger Childs**
Halcrow Fox & Associates - United Kingdom

David Bray, Managing Director
Economic & Policy Services - Adelaide

Ian Wallis, Senior Associate
Booz Allen & Hamilton - New Zealand

Ray Wilson, Investment Banker
ABN AMRO - Sydney

12:00

Session 10.
Panel Session and Wrap Up.

- Summing up - lessons learned
- Expert Panel - selection of speakers

1:00

Conference Close and Lunch

1:30

Post-Conference Tour (Optional)

Post-Conference Busway Tour

(Optional at an additional cost)

1:30-5:00pm Friday 20 October 2000

Brisbane's New South East Busway

Tour the first section of Brisbane's South East Busway, due to open in September 2000, and see the advanced work on the 15km of exclusive busway and 20km of transit lanes - commentary and presentations on Queensland Transport's experience.

Pre-Conference Short Course

(Optional)

9:00am - 5:30pm Tuesday 17 October 2000

Economic Evaluation of Public Transport Infrastructure Projects

Venue: Hilton Brisbane, 190 Elizabeth Street, Brisbane

Description:

The course introduces the subject of economic evaluation of transport infrastructure projects in general, and public transport projects in particular. It will be of interest to managers who need to understand the intent, practice and interpretation of such evaluations, and to transport professionals who are involved in undertaking evaluations.

The course outlines principles that underlie economic evaluations, and the framework for the economic evaluation of transport infrastructure proposals, concentrating on public transport projects, so that participants will understand the context, objectives, approach and use of economic evaluation.

Practical experience is gained through the economic evaluation of several public transport projects, including a bus interchange and a busway project. Brief consideration is also given to the economic evaluation of other transport projects, and to other types of evaluation, to give participants a broader perspective of the role and practice of economic evaluation.

Course outcomes:

At the end of the course, participants will:

- have an appreciation of the role, scope and practice of economic evaluations;
- understand the data needs of an economic evaluation of public transport projects;
- know the method for evaluating public transport infrastructure projects;
- have completed an evaluation of a demonstration project;
- be able to interpret the results of economic evaluations; and
- appreciate differences between economic evaluations and other types of evaluation.

“Australia and New Zealand will spend more than \$A2 billion over the next five years on busways and transitways.”



Course Leader:

David Bray is the principal of Economic and Policy Services Pty Ltd. He holds degrees in economics and engineering, and has 27 years of professional experience as a consultant and government employee. He has worked mostly in the transport and urban development sectors in Australia, and in eighteen other countries. David has prepared economic evaluations for a wide range of public transport and road projects for Governments in Australia and international agencies such as the World Bank and Asian Development Bank.

Who should attend:

The course will be beneficial to staff of government agencies and consultants who are involved in planning and evaluation of transport projects, and for those who manage and use the results of such evaluations.

Pre-Conference Short Course Outline

9:00	Commence
	Session 1. Introduction and Economic Principles
	Objectives of the course; structure of an economic evaluation; economic principles that are relevant to the economic evaluation of projects - the role of markets, community welfare, opportunity cost, time preference rate, financial and economic values; base case and project case.
	Session 2. Transport Demand
	What transport demand information that is needed; current demand; latent demand; future demand
10:40 - 11:00	Morning break
	Session 3. Transport Costs
	Infrastructure costs; road transport costs; public transport costs; financial and economic costs.
	Session 4. Project Benefits
	Identifying the effects of a project; estimating the gains and losses that are incurred by government, operators, users and others; valuing gains and losses
12:30 - 1:30	Lunch
	Session 5. Project Evaluation
	Elements of an economic evaluation; evaluation period; determining costs and benefits; discounting; output parameters - benefit-cost ratio, internal rate of return, present value; sensitivity tests; brief overview of other types of evaluation - financial evaluation, financial statements, multi-criteria evaluation.
2:30 - 2:45	Afternoon break
	Session 6. Economic Evaluation Case Studies
	Illustration of economic evaluations of a bus interchange and a busway project; speaker on Queensland and national evaluation practice.
5:30	Close

Additional Information

Registration

On arrival at the Conference, please register at the conference desk. The conference desk will be staffed at the following times:

Tuesday 17/10/00	8.00-10.00am and 6.30-7.30pm
Wednesday 18/10/00	8.00am - 7.00pm
Thursday 19/10/00	7.30am - 5.30pm
Friday 20/10/00	7.30am - 1.30pm

Dress Smart casual attire is appropriate for conference business sessions and the welcome reception. Jacket and tie is required for the conference dinner.

Venue

Hilton Brisbane, 190 Elizabeth Street,
Brisbane QLD 4000

Situated on the Queen Street Mall, in the heart of Brisbane's central shopping, entertainment and business district, the Hilton Brisbane is the most ideally located hotel in Brisbane.

Messages

A message board will be located outside the conference registration desk. Please advise potential callers to contact the Hilton and ask for the Smart Urban Transport Conference. No guarantee can be given to deliver your message personally.

Personal Mail

The conference organisers do not accept responsibility for personal mail. Please have all mail sent to your accommodation address.

Parking

Parking is available at the Hilton and the adjoining Wintergarden car park.

Conference Secretariat

OzAccom Conference Services
PO Box 164
Fortitude Valley Queensland 4006
Australia

Tel: 61 (0)7 3854 1611
Fax: 61 (0)7 3854 1507
Email: tra@ozaccom.com.au

Social Program

Welcome Reception

6.30pm Tuesday 17 October 2000

After registering for the conference, enjoy a leisurely drink. This is a valuable opportunity to catch up with old colleagues and meet new ones in a relaxed setting prior to the conference. Included with full time registration.

Additional tickets: \$30

Conference Dinner

7.30-11.00pm Wednesday 18 October 2000

Enjoy a relaxing evening with fellow delegates at the Official Conference Dinner in the Hilton Hotel Ballroom. Entertainment will be provided by the Amazing Nigel.

Dinner tickets: \$80 (not included with full time registration)

Accommodation

OzAccom Conference Services has negotiated special conference room rates:

Hilton Hotel	AUD\$150.00 per room per night
Rendezvous Hotel	AUD\$80.00 per room per night and AUD\$100.00 per 1 bed apartment per night

Please fill out the appropriate portion of the booking form if you would like OzAccom Conference Services to organise your accommodation at the Hilton or the Rendezvous Hotel.

Air Travel

We are pleased to announce that Ansett Airlines has been appointed the official airline for the Smart Urban Transport Conference. Non-conditional and conditional airfares of up to 60% of the full economy domestic airfares at time of booking have been negotiated for delegates and partners. Please quote the Smart Urban Transport Conference when making your booking.

Bookings

For all registration, accommodation and domestic air travel enquiries, please telephone the conference secretariat on:

Australian Toll Free	1800 814 611
Brisbane Metropolitan Area	3854 1611
International	+617 3854 1611

Online accommodation and airline bookings are available:
<http://www.transportroundtable.com.au>

Travel Insurance

The conference managers recommend that all delegates purchase travel insurance including cover for non-refundable registration fees. Travel insurance must be purchased in country of residence.

Registration (AUD\$)

Early Bird Registration (before 16 September 2000)	\$1490.00
Registration Fees after 16 September 2000	\$1590.00
Short Course - "Economic Evaluation"	\$650.00
Bus Tour - Please note that special rates apply for Queensland Transport Staff and Groups. Refer to the Registration Form (page 7)	\$50.00

Payment Cheques and bank drafts must be drawn on an Australian bank in Australian dollars, and made payable to Transport Roundtable Australasia. Registration forms may only be sent by facsimile if payment is by credit card. Registration and accommodation bookings will not be processed without payment.

GST All prices quoted are inclusive of GST. A Tax invoice will be included in your letter of registration confirmation.

Visit the conference website:<http://www.transportroundtable.com.au>

REGISTRATION

SMART URBAN TRANSPORT - Using Transitways and Busways 17 - 20 October 2000 Brisbane Australia

Please complete a separate form for each registration. Keep a copy for your records. Please use block letters

Section A: Contact details

Title (Mr/ Mrs/Ms/Dr/Prof)..... Last Name..... First Name.....
Organisation Job Title
Postal Address.....
City..... State Post Code..... Country
Phone Fax.....
Email.....

Section B: Conference Registration fees

Registration includes welcome reception, attendance at all sessions over two and a half days, conference papers, morning and afternoon refreshments and lunches, conference satchel and conference folder with speakers paper and a delegate listings.

- | | |
|---|---------------|
| <input type="checkbox"/> Registration Fee for conference - Early Bird (before 16 September 2000) | \$1,490 |
| Queensland Transport staff member discounted fee | \$1,390 |
| <input type="checkbox"/> Full registration (after 16 September 2000) | \$1,590 |
| Queensland Transport staff member discounted fee | \$1,490 |
| <input type="checkbox"/> Group Registration - Group of three or more paying together | \$1,490 |
| Queensland Transport staff member discounted fee | \$1,390 |
- (Note: forms and payments for groups must be submitted at the same time, otherwise above normal rates apply)
All prices are per person in Australian dollars and include 10% GST where applicable Sub-total \$.....

Preferred name for name badge if different from above

Section C: Special Requirements

Please note any special dietary, medical or other requirements such as wheel chair access or call OzAccom and advise requirements.

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Section D: Optional Activities

As indicated in the program the Conference Dinner, Post-Conference Tour and Economic Evaluation short course are not included in the registration fee. Please indicate the number of tickets/places required.

- | | No of Tickets | |
|---|---------------|-------------|
| <input type="checkbox"/> Conference dinner | | \$80 |
| <input type="checkbox"/> Post-Conference tour - optional South East Busway 1/2 Day Tour | | \$50 |
| <input type="checkbox"/> Economic Evaluation Short Course - optional | | \$650 |
- All prices are per person in Australian dollars and include 10% GST where applicable Sub-total \$.....

Section E: Additional Tickets

The following functions are included in your registration fee - if you wish to purchase additional tickets for partners or accompanying persons indicate below.

- | | No of Tickets | |
|--|---------------|------------|
| <input type="checkbox"/> Welcome Reception | | \$30 |
| <input type="checkbox"/> Wednesday lunch | | \$35 |
| <input type="checkbox"/> Thursday lunch | | \$35 |
- All prices are per person in Australian dollars and include 10% GST where applicable Sub-total \$.....

Continued over page...

Section F: Accommodation Reservations

Please note: A deposit of one night's tariff, or your credit card details as a guarantee, is required to secure your accommodation booking. Please indicate your first and second preference (refer to Accommodation Information). Although every effort is made to secure your first accommodation preference, your second will automatically be selected if your first preference is full. To secure and confirm your accommodation, credit card details are required as a guarantee. These details will be passed on to the hotel and it is at the hotel's discretion as to whether a deposit will be charged prior to arrival. An imprint will be required upon check in and your full account is to be settled with the hotel on departure. NB. No monies will be debited from your credit card by OzAccom Conference Services for accommodation. Alternatively, a deposit of one night by cheque is acceptable.

Accommodation selection - please number first and second preferences

Hilton Hotel

\$150.00 per room per night Please indicate preferred room configuration: Single Double Twin

Rendezvous Hotel

Standard Room \$80 per room per night
 One Bedroom Apartment \$100 per room per night. I will be accompanied by or have arranged to share with

Arrival date:/...../2000 Estimated time of arrival am/pm

Departure date:/...../2000 Estimated time of departure am/pm

Please note any special requirements (eg, cots, smoking):

Section G: Air Travel Request

Departure Date:...../...../2000 Departure Airport:..... Preferred Time:am/pm

Return Date:...../...../2000 Return Airport:..... Preferred Time:am/pm

Class of Travel (Please indicate):

- Economy Class - Group Fare - up to 50% off full economy (Ansett only) - Non-Conditional
- Economy Class - Advance Purchase Fare - up to 60% off full economy - Minimum Saturday Night Stay and Conditions Apply
- Business Class

Frequent Flyer No & Airline:.....

Please fill in the above details and our travel consultants will contact you to finalise details and arrange payment.

Online accommodation and airline bookings are available: <http://www.transportroundtable.com.au>

Section H: Payment

Section B: Registration Fees \$

Section D: Optional Activities \$

Section E: Additional Tickets \$

Section F: Accommodation (if paying by cheque) \$

Total \$

Cheque - please make cheques payable to Transport Roundtable Australasia P/L and return to the address below.
Payment by cheque or draft must be made out in Australian currency and drawn on an Australian Bank OR

Credit Card please debit my credit card for the total amount owing on this form and fax to OzAccom on +61(0)7-3854 1507

- Bankcard MasterCard Visa Amex Diners Club

Cardholder's Name Signature (Required)

Credit Card No Expiry Date

Please note that debits to your credit card will appear as Ozaccom on your statement.

For more information contact the Conference Secretariat:



Smart Urban Transport
OzAccom Conference Services
PO Box 164, Fortitude Valley Qld 4006
Ph: +61(0)7 3854 1611 Fax: +61(0)7 3854 1507
Email: tra@ozaccom.com.au

Cancellations: Registration cancellations will only be accepted in writing. Cancellations made prior to 16 September 2000 will be eligible for a refund, less an administrative charge of AUD\$375.00. No registration refunds will be made after this date. As an alternative to cancellation, registrations may be transferred to another name at any time, with no penalty. The conference managers must be advised of this transfer in writing. All optional social activities are based on minimum numbers and may be cancelled in the event these numbers are not achieved.

Disclaimer: The information in this brochure is correct at time of distribution. Transport Roundtable Australasia P/L reserves the right to change any aspect of the conference without notice.