The Workshops

• Austroads Workshop (Peter Croft, ARRB)
  - Important dialogue with wider transport planning and management community on development of the Guidelines
  - Insight into comprehensiveness of Guides and their currency to deal with today’s and tomorrow’s transport challenges
  - Robust feedback offered by audience on development and layout of Guidelines
  - Good appreciation provided on Structure, Format, Principles, intended Users of the Guidelines
  - Useful update on other tools being developed by ARRB with Austroads

• Bicycle Workshop
  - Sorry I couldn’t be there!
  - I was told that it demonstrated that WA is leading the way in bicycle network planning and delivery
  - A few were a bit sore afterwards I hear…

• Universal Access Workshop (Ben Sgherza, consultant and VIP)
  - Provided us with consideration of the concept of universal access, to build our skills and confidence, using interactive practical learning exercises
  - We workshoped the types of disabilities, their causes, and their barriers. A wealth of input from the floor
  - reminded that Age is one that we all have a personal interest in
  - learnt how important the pedestrian environment is

• Universal Access Workshop (Ben Sgherza, consultant and VIP)
  - Strong statistics that 20% of the Australian population has a disability while one third are impacted by a disability
  - The experiential exercises were eye opening
  - Writing our name with 4 different abilities
  - wheelchair and white cane experientials provided first hand insight into challenges facing folks with different mobilities

• Thanks to Main Roads for their comfortable, close and welcoming venue, and for their hospitality and overall support
Welcome Reception
- Warmly welcomed by our many trade display sponsors as well as our Conference and National sponsors
- Andrew Hulse and Bill Cirocco introduced us to our budding talent in the 2008 Scholars
- All of whom spoke eloquently and inspirationally about their opportunity in coming to the Conference

Official Opening and Keynote
- Hon Alannah MacTiernan MLA
  - Portfolio focusing on combining transport management with land use
  - We used to have a passion about moving people from A to B but didn’t think about what we were doing at A and B
  - Importance of protecting key corridors
  - WA spends $1B p.a. on the road network
  - Challenges of escalating construction costs, and large distances with small population base
  - We need to embrace ITS
  - Intermodalities are important

Official Opening and Keynote
- Agu Kantsler, Woodside Petroleum
  - Overview of the business and its incredible scale of operation
  - New oil rig built to withstand the 5,000yr storm
  - How to service the North West projects by road from Perth (1,500km) and Darwin
  - 100,000 truckloads of soil for Pluto project
  - Skilled workers hard to attract and retain
  - Community infrastructure limited and ageing
  - Traffic jams into Karatha in the p.m. peak hour
  - Need straight, 20m wide roads to transport infrastructure

Invited Papers: Making Connections
- Menno Henneveld, Commissioner MRWA
  - Need transport infrastructure that can serve resources sector
  - Transport value adds 25% to the WA GSP
  - 44% growth over past 15 years, expected to rise
  - “Cashed up Bogans” (CUBs) with 800 veh per 1000 popln
  - Strong focus on leadership and relationships in 2K 12 Strategic Plan
  - Smarter Connections getting more out of existing network including ITS
  - Safer Connections including Towards Vision Zero
  - Manifold and ubiquitous transport challenges

Invited Papers: Making Connections
- Peter Martinovich, Director Rail, PTA WA
  - Perth has high private car commuting and low urban density – due to land use not poor PT
  - Project success relies on reducing risk of scope creep and high cooperation between agencies
  - Mass rail transit has proven successful here because of stations as focal points, park & ride lots increasing catchments
  - Seattle and LA looking to Perth for how to add a rail line through middle of freeway corridor
  - Each project is a prototype. Need to allow for innovation in planning
  - Community consultation: need to effectively articulate case

Invited Papers: Making Connections
- Abra de Klerk, Maunsell Australia
  - Perth Airport is strategically located in the middle of narrow, triangular catchment
  - Incredibly high trending in domestic, GA and charter since 2002
  - Perth well located for the “Century of Asia”
  - WA outperforms in all factors affecting aviation
  - Challenges in understanding and meeting airlines’ wishes and needs
  - Poor ground public transport is a problem
  - Important that regional ground transport network improvements take into account airport masterplanning
Session 3: Public Transport

- Julian Laufer, PTV Asia Pacific
  - Provided insight into pedestrian simulation modelling capabilities just being released
  - Introduced to the “social force” model which takes an area rather than link based approach
  - North Melbourne Station provided a good example
  - Rather true-to-life simulation

- Roger Green, SKM
  - Provided insight into a stadium management plan for Skill Stadium on the Gold Coast
  - Key challenges to overcome Gold Coast’s car culture, media scepticism over 80% non car target
  - Strategies for car parking, PT, consultation, traffic and pedestrian management
  - Innovative solution that has an event bus interchange doubling as a commuter park and ride
  - Ended up with almost 90% non private car mode share

- Mark Burgess, PTA WA
  - Reminded us that PT is not just for those with no choice, but is essential for future of travel
  - Perth demonstrating strong PT growth since 1992
  - Transit Priority is positive discrimination.
  - Reminded us of the issues of on-street parking, “smelly bus” syndrome (but this is changing)
  - Highlighted the need for a NE corridor in Perth, either Bus or LRT

- Elisabeth McGregor, PB
  - Advised us that Melbourne is also growing at 1,000 popln per week
  - Fastest growth in Melbourne is on urban fringe, having high car ownership, poor PT
  - Described key objectives of bus network planning principles
  - Early introduction of services to establish good travel patterns
  - Local Melbourne examples of route planning early in overall planning process

Session 4: Congestion Management

- Jack Mazer, Barrier Systems Inc.
  - Highlighted worldwide problem and cost of congestion
  - Contraflow redistributes traffic by using underutilised road
  - Some contraflow lanes with no barrier have had safety problems (Golden Gate Bridge)
  - Moveable barrier machine introduced, which can operate at 11km/h
  - Highlighted impressive results using moveable barrier managed lanes
  - Can significantly improve bus and HOV travel times
  - System works well in tidal situations, including bridges and protected work zones

- Sandra Lennie, Main Roads Queensland
  - Guided us on nature of Variable Speed Limits and where they are appropriate
  - Described key objectives of bus network planning principles
  - Early introduction of services to establish good travel patterns
  - Local Melbourne examples of route planning early in overall planning process
  - Interesting that drivers are supportive
  - Complementary explanatory VMS would be useful
**Session 4: Congestion Management**

- Peter Bourlotos and Josephine Neal (SKM)
  - Described inception and purpose of Melbourne HOV project, Eastern Fwy, Hoddle Street
  - Literature review found mixed results in effectiveness
  - Discussed why enforcement was possible on Fwy but not the Arterial
  - Benefits based on analysis of person flow:
    - Notable for Freeway
    - Less compliance, eligible use on Arterial due to a range of factors – bus passengers not considered

**Session 4: Congestion Management**

- John Gottler, Connell Wagner
  - Reminded us of the purpose of transport infrastructure
  - Case study of the first signalised roundabout in NZ at SH20 / Hillsborough
  - Addressed concerns of User, Safety, Capacity
  - Demonstrated that Transit NZ was happy with experience and is confidently adding this treatment to its toolkit

**Session 5: Urban Design, Transport and Other**

- Louise Round, Connell Wagner
  - Traffic plan for 2 highrise developments in Leederville Town Centre, Perth (an urban village)
  - Presented the cycle of evolution of the Urban Activity System over time
  - Want to retain travel behaviour of 18-24 yr olds once they get older
  - Sell apartments to those without a car

**Session 5: Urban Design, Transport and Other**

- Craig Wooldridge, MRWA
  - Staffing and training issues incl. retirement of baby boomers, graduate attrition, work/life balance, pay and relativities
  - A way forward offered including “Traffic Engineering Associate” scheme for TAFE grads and mature agers
  - Strongly supported by several agencies and organisations

**Session 5: Urban Design, Transport and Other**

- Brian McMahon, PB
  - Sustainable transport plan for Harvard’s Allston campus
  - Placemaking a big part of the effort
  - Studied great streets around the world
  - Pecking order: peds, cyclists, transit, cars
  - Urban design rule of thumb of street width = bldg height
  - “starchitects” took a back seat to transport planners

**Session 5: Urban Design, Transport and Other**

- Heidi Lansdell, Cardno
  - Provided a background on transit supportive homeloans available in the USA
  - Reduced car use allows for potential increased borrowing capacity
  - Reminded us of the Australian FBT rules being a disincentive to PT use
  - “VAMPIRE” assessment of Perth demonstrated better PT service, higher incomes closer to city as anticipated
Session 6: Regional Transport Planning

• David Wilson, Maunsell Australia
  - Defined the problems of “fossil powered cities” such as Sydney
    - 20% of current rail passengers cannot board their first train
    - No integrated ticketing across modes
    - Ageing infrastructure
  - A range of solutions were looked at
    - GM and Toyota with their electric cars
    - Green streets, prioritising, eventually banning unclean vehicles
    - Support from all 3 levels of government needed

Session 6: Regional Transport Planning

• Ted Teo, RACV
  - RACV research shows that most believe upgrades needed, congestion has become and is worsening in outer Melbourne
  - RACV’s Outer Melbourne Connect campaign: land use, PT expansion, grade separations, cross town connections
  - Federal and private sector funding solutions targeted

Session 6: Regional Transport Planning

• David Gray, Parramatta City Council
  - Outlined ITP for Parramatta City Centre
  - Transport challenges of growth, infrastructure, congestion, one-way streets, parking
  - Solid Objectives for an ITP
  - Actions focussed on clean mobility, active transport, PT enhancement, city ring road, travel behaviour

Session 7: Traffic Design and Operations

• John Venables, MRWA and Chris Paris, EDI
  - Described a dispute over traffic light failure resulting in a fatality, highlighting the need for UPS
  - Specifications for UPS provided including a 4hr backup after power loss
  - UPS replaces need for Police on points duty
  - Trial results very successful
  - Staged rollout in WA

Session 7: Traffic Design and Operations

• Malcolm Daff and Josephine Neal, SKM
  - Looked at ped behaviour on mid-block signalised ped crossings
  - More frustration with a longer wait, but less gap acceptance
  - Non compliance influenced by gender, age, group size
  - Can improve compliance by providing early green when no vehicle flow

Session 7: Traffic Design and Operations

• Douglas Lee, Townsville City Council
  - Discussed low cost LATM installations
  - Although a bit confusing 4 way stops reduced speeds, volumes, crashes
  - Speed cushions slow cars, not HVs, not motorcycles
  - Rubber ring roundabouts are quick, durable and cheap
Session 8: Ped, Cyclist, Universal Access

- Jason Deller, Moreton Bay Regional Council
  - Provided a strong message on addressing road trauma in the local street context
  - Outlined genesis of multi-agency alliance Road Safety Partnership Project (Moreton Bay Region)
  - Greater consideration needed in road user behaviour and engineering at grassroots level
  - Road Safety Officer position, new to Queensland
  - Fabulous response from community and stakeholders

- Steve Fisher, Cycling Solutions
  - Described programme for large scale delivery of bicycle training
  - Provided background on development of English training standards and formalising training
  - Highlighted the importance of involvement of schools and local authorities

Overall

- An excellent range of topics across the field of transport planning and management
- Great dialogue through questions from the floor
- Exciting Trade Display area
- Fantastic networking opportunities
- Memorable Conference Dinner especially performances by Bill Cirocco and Peter Doupe