



AUSTRALIAN INSTITUTE OF TRAFFIC PLANNING AND MANAGEMENT INCORPORATED

AITPM TECHNICAL FORUM



WESTERN AUSTRALIA BRANCH SECRETARIAT. PO Box 204, Duncraig WA 6023, Phone 9246 1549 (H) & 9364 0697 (W)

TOPIC: TRAFFIC DATA

Thursday 3rd December 2009

1200 (for a 1230 start) to 1400pm (Light Lunch Included)

**Venue: Piney Lakes Reserve - Cnr Leach Hwy & Murdoch Dr,
Murdoch (Entrance on Leach Hwy)**

Free for AITPM Members

\$25 for Non Members

RSVP by COB Tuesday 1st December 2009 to Raymond Reveley –

Email: Raymond.reveley@mainroads.wa.gov.au

Russell Jones (AusTraffic)

Russell will be talking about some of the issues faced with when undertaking manual surveys, particularly at intersections. Russell will then talk about some new video technology that has recently been acquired that eliminates a lot of the issues involved in manual data collection. There will also be some comparisons made with this new technology & some older video technology that we have previously used.

Kamal Weeratunga (MRWA)

Traffic data, real-time data in particular, plays a fundamental role in traffic operations. The aim of this presentation is to describe the role of real-time data in Traffic Operations, particularly in Freeway Management Systems, Incident Management and Traveller Information Systems. Some basic concepts about traffic data such as types of traffic data, types of traffic sensing devices and data quality will also be explained. The likely future role of road agencies in relation to real-time traffic data and strategic partnerships with industry in providing real-time traveller information will also be discussed.

Vern Bastian (MetroCount)

Responding to incidents at signalised intersections and level crossings, traffic technicians and engineers typically examine entering flows and turning proportions, and analyse existing accident patterns. "Timing Analysis" now offers an additional approach, combining signal timing information with a highly detailed traffic data stream, to reveal driver behavioural patterns from very large statistical samples. This new technique uses the entering traffic data stream, recorded with an axle-based vehicle classifier, interleaved with the signal changes. Software then portrays this information both graphically and as statistical reports.



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name: _____ name: _____

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Free for financial AITPM members. No. Attending =

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Payment method: I will pay on entry (or pay invoice issued if non-attendance to cover catering costs)

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