Advances across the ‘ditch’

George Giummarra, Principal Consulting Engineer - ARRB Group
• Safe
• Clean
• Affordable
Safe roads

Some general facts:

• over 50 % of crashes occur on LVR
• fatality rate on unsealed roads is two and half times greater than main roads
• getting to a hospital within 30 minutes means 5 times greater chance of surviving from a serious injury
• typical recovery times in rural areas is over 50 minutes
What do these two roads have in common?

They both have a maximum speed limit of 100km/h.

Move to make the default speed limit on unsealed roads to 80km/h.
Austroads Safety Engineering Risk Assessment Stage 5

Part 7 Review of crashes on unsealed roads

Austroads Project No: ST1194
Purpose of the study

• to identify the extent of current problem
• to ascertain the likely causes
• to establish possible counter measures
Key message to motorists

DRIVE TO ROAD CONDITIONS
Have to rely on road signs to alert drivers to poor or hazardous situations
Clean roads
Recycling waste materials and water
Affordability

Fit for purpose roads
• need for a system of roads classifications and geometric design standards

Making better use of local materials
• need for a basic field tool kit to test suitability of pavement materials
High impact roads
Engineering requirements for logging truck operations on forest roads

George J Giummarrra
Chris Blanksby

To order a copy go to booksales@arrb.com.au
Roughometer II

New version covers

• both sealed and unsealed roads
• GPS capabilities
New developments

2005 edition incorporating NZ practices

2008 edition being prepared to include NZ Supplement
23rd ARRB Conference
30 July – 1 Aug 2008 in Adelaide, South Australia

Call for abstracts on topic relating to:

- road safety engineering
- asset management
- network management and operations
- concrete structures
- pavement design and performance
- parking
- transport economics and planning
- impact of heavy vehicles
- effective local road solutions
- environment and sustainability
- quality and traffic management in road construction

To submit an abstract visit www.arrb.com.au/conferences
CLOSING DATE for abstracts is 16 August 2007
Questions ??