

**Dates set for 2008 ROADSHOW \*\*\*\*\* Mark your diaries \*\*\*\*\***

**Auckland - 17 September 2008**

**Taupo - 18 September 2008**

**Palmerston North - 19 September 2008**

**Dunedin - 22 September 2008**

**Christchurch - 23 September 2008**

The committee would like feedback to assess whether there is a need for an extra roadshow seminar to be held in Nelson/ Marlborough region. Please email your thoughts to [lisa.pallister@reaaa.co.nz](mailto:lisa.pallister@reaaa.co.nz)

## REAAA Regional Breakfast Forums

One of the core roles of the REAAA NZ Chapter is to provide opportunities to distribute knowledge to our members. A unique facet of the REAAA is our access to overseas experts through our parent body and our local members. [more](#)

**[\\*\\*\\*CLICK HERE FOR DETAILS OF FIRST FORUM\\*\\*\\*](#)**

## REAAA NZ CHAPTER ANNUAL GENERAL MEETING

**Thursday 24th April at 12.30pm**

**MWH Office, Deans Ave, Christchurch**

**Lunch from 12.30pm, meeting commences at 1.00pm**

**Current and prospective members welcome.**

## .....OPINION PIECE.....

For some years now the sector has been aware of the premature failure of a number of new greenfield granular pavements. These failures have occurred through rutting. [more](#)

### Would you like to contribute?

The committee would like to invite members to submit articles, photos or opinion pieces to be included in the chapter's quarterly newsletters.

As you can see in this newsletter we are including our first opinion piece.

If you would like to write a response to the opinions expressed for inclusion in the newsletters please do so. Please send your articles, photos or opinions to [lisa.pallister@reaaa.co.nz](mailto:lisa.pallister@reaaa.co.nz)



*A Mountainous Highway in Bolivia*

# REAAA REGIONAL BREAKFAST FORUM

**Tuesday 29th April 2008 — AUCKLAND**

**Guest Speaker:** John Bridgman, Maunsell Australia

**Presentation:** The North-South Bypass Tunnel (NSBT) is a dual road tunnel of approximately 5km, providing a direct cross-city link bypassing Brisbane's CBD.

**Venue:** Hotel Ibis, Auckland

**Time:** Breakfast at 7.00am Presentation begins 7.30am (45min)

**Cost:** \$25 per head

**RSVP:** 23rd April [lisa.pallister@reaaa.co.nz](mailto:lisa.pallister@reaaa.co.nz)

## Upcoming Conferences—2008

- 11/05 - 14/05 [International Safer Roads Conference, Cheltenham, UK](#)
- 12/05 - 13/05 [Ingenium Seminars - Engineer to the Contract, Palmerston North](#)
- 15/05 - 16/05 [Ingenium Seminars - Engineer to the Contract, Christchurch](#)
- 19/05 - 20/5 [Ingenium Seminars - Engineer to the Contract, Auckland](#)
- 5/06 - 7/06 [Ingenium Annual Conference, Emerald Hotel, Gisborne](#)
- 22/06 - 24/06 [Recycling and Stabilisation Conference, Spencer on Byron Hotel, Takapuna Beach](#)
- 27/07 - 29/7 [1st International Sprayed Sealing Conference, Adelaide, Australia](#)
- 30/07 - 1/8 [23rd ARRB Conference, Adelaide, Australia](#)
- 4/08 - 5/08 [Ingenium Seminars - Contractors & Subcontractors Representatives, Auckland](#)
- 11/08 - 12/08 [Ingenium Seminars - Contractors & Subcontractors Representatives, Palmerston North](#)
- 14/08 - 15/08 [Ingenium Seminars - Contractors & Subcontractors Representatives, Christchurch](#)
- 26/08 [Roading NZ Conference, Wellington,](#)
- 17/09 [REAAA NZ Chapter Roadshow, Auckland](#)
- 18/09 [REAAA NZ Chapter Roadshow, Taupo](#)
- 19/09 [REAAA NZ Chapter Roadshow, Palmerston North](#)
- 22/09 [REAAA NZ Chapter Roadshow, Dunedin](#)
- 23/09 [REAAA NZ Chapter Roadshow, Christchurch](#)
- 29/09 - 30/9 [Ingenium Seminars - Engineer's Representatives, Christchurch](#)
- 2/10 - 3/10 [Ingenium Seminars - Engineer's Representatives, Wellington](#)
- 6/10 - 7/10 [Ingenium Seminars - Engineer's Representatives, Auckland](#)
- 12/10 - 14/10 [Transit NZ & NZIHT Conference, Napier](#)
- 9/12 - 12/12 [NZ Society for Sustainability Engineering and Science \(NZSSES\), Auckland](#)

**SUSTAINABILITY & PEOPLE** DUXTON HOTEL | WELLINGTON | 26TH AUGUST 2008

The Prime Minister's vision of New Zealand being the first in the world to be carbon neutral will have a profound impact on how we build and maintain the roading network. At the same time unprecedented growth is putting huge pressure on the sector to attract and hold onto people to plan, design and build New Zealand's infrastructure. Without people our sector is not sustainable.

- valuable secrets of holding and recruiting people into your organisation and into our sector.
- how we can change the culture of the sector to have everyone working for the common good.

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**CONTACT :**  
Robyn O'Leary  
P: 06 7597065 E: [robbyn@nzht.co.nz](mailto:robbyn@nzht.co.nz)  
Registration and updates visit [www.nzht.co.nz/roading08](http://www.nzht.co.nz/roading08)

**Come along to this Conference and learn :**

- international environmental best practice for the construction and maintenance of New Zealand roads
- how sustainability and economic growth can happen for New Zealand infrastructure.



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## REAAA Regional Breakfast Forums

One of the core roles of the REAAA NZ Chapter is to provide opportunities to distribute knowledge to our members. A unique facet of the REAAA is our access to overseas experts through our parent body and our local members.

The REAAA currently runs a yearly roadshow in each region where we have at least one overseas speaker that will be of interest to our members. In looking at the year ahead, the committee felt that a single yearly event limited the opportunities to have this overseas input as we are aware of several potential interesting speakers that are in New Zealand each year to visit their companies NZ offices or to attend conferences etc. We have received strong feedback from the yearly roadshow questionnaires that those that attend enjoy the overseas input and would like to have more opportunities to hear about what is happening overseas.

To increase the number of opportunities to hear about the overseas projects and technologies and work practices we have decided to run regional breakfast forums where we will be able to have breakfast, network with other members across the client, contractors and consultant disciplines on a regular basis and to hear a short presentation from a visiting speaker that will be discussing significant mega projects they have been involved with overseas or a speaker that will be able to discuss new technologies or work practices that they have been involved with that are being used overseas. The breakfast will also be an excellent opportunity for member organisations to bring along their junior staff to inspire them with the mega projects that are occurring around the world and to increase their knowledge of overseas practices and technology.

The breakfast will be held at a central location and will be timed to allow attendee's to get to work by 8.30am where possible and the costs will be kept to a minimum to allow as many as possible to attend. Each presentation would be 20-25 minutes with 5-10 minutes for questions.

The committee hopes to run a breakfast in each region 3-4 times per year but this will be determined by the availability of suitable speakers in each region. The committee is planning the first breakfast currently and will send more information out to members regarding the date, time and location for the first forum. If you have any queries regarding the breakfast please feel free to contact Lisa Pallister at [lisa.pallister@reaaa.co.nz](mailto:lisa.pallister@reaaa.co.nz)



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## Opinion Piece.....

For some years now the sector has been aware of the premature failure of a number of new greenfield granular pavements. These failures have occurred through rutting.

Transit New Zealand research some years or so ago clearly showed that granular pavements struggle to cope with high traffic volumes and would be prone to rutting. Transit then changed its specification to move away from using granular unbound pavements at these high traffic volumes.

Despite this, the culture of granular unbound pavements is deeply embedded in New Zealand and it's disappointing to hear of the considerable time, energy and resources required by some contractors to convince the "powers to be" to move away from granular unbound pavements in these areas of high traffic volumes.

To me the key issue is stability. It's quite possible for an unbound pavement to have been compacted to maximum density, but move around under load because of a lack of constraint and stability. Hence the rutting. Contractors can control compaction and density, but not aggregate stability.

Other countries like Australia overcome this by requiring bound pavements. New Zealand used to be like this up until around 1980. I'm old enough to remember the days when New Zealand used bound pavements and some of the risks in using them. One of the risks was "weaving" if the pavement became too wet and pore water pressures built up. Free draining unbound granular pavements are not supposed to be prone to this problem.

However, I now believe that given the substantial growth in traffic over recent years its time to re-look at our base course specifications to see if moving back to bound pavements makes sense. Perhaps technology has moved on to the extent that previous risks can be eliminated.

**Chris Olsen**  
**Chief Executive**  
**Roading New Zealand**  
**FIPENZ**