

stabilisation OF ROAD PAVEMENTS

a two-day seminar

new zealand
nz:ht
institute of highway technology



stabilisation OF ROAD PAVEMENTS

Auckland Airport Centra Hotel, Auckland

28-29 June, 2004

The NZ Institute of Highway Technology is organising a two-day seminar on all aspects of the stabilisation of road pavements to be held in Auckland.

George Vorobieff from the Australian Stabilisation Industry Association will present the latest developments in stabilisation from Australia with an update on the Austroads Construction Best Practice Guide. There will also be an update on the latest developments in New Zealand concerning a revised specification for state highways and local roads.

It is intended for the seminar to be both an update on recent technical developments in the stabilisation field in New Zealand and Australia, together with a learning experience for those delegates who require stabilisation knowledge in their everyday workplace.

keynote speaker

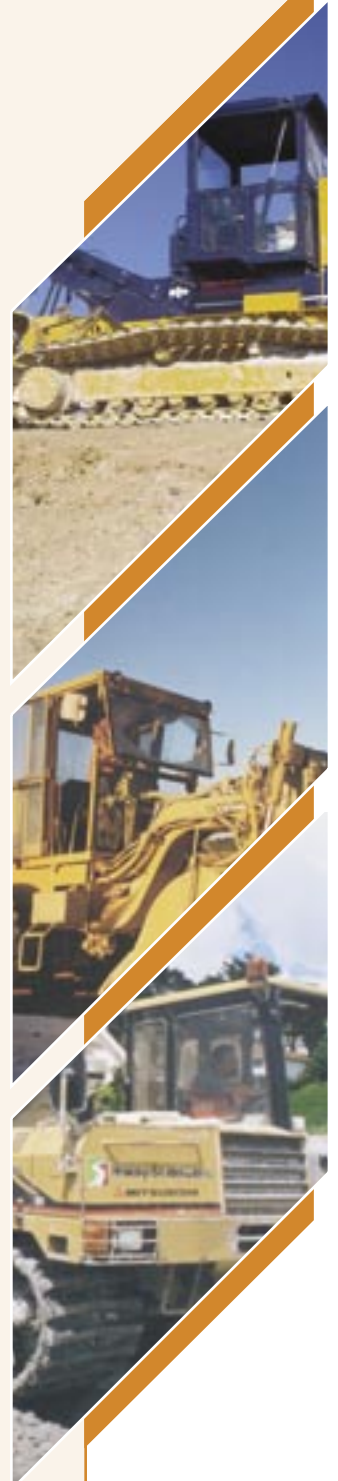
George Vorobieff is the Executive Director of Australian Stabilisation Industry Association (AustStab) and participates on various Austroads working groups, and is author of many reports and papers on road stabilisation. He has 25 years of experience in civil and structural engineering, and is the convenor for the revision to the 1998 Austroads publication "Guide to Stabilisation in Roadworks".



George will be presenting a number of technical papers, including a keynote address on stabilisation practices in Australia.



The key sponsor for this seminar is "Hiway Stabilizers" who will have a display of various items of plant at the hotel.



programme

Monday 28 June

Session 1

9.00 a.m. – 10.00 a.m

Welcome : NZIHT

Opening Presentation:

Paul Hambleton, Transit NZ

KEYNOTE SPEAKER

'Stabilisation Practices in Australia':

George Vorobieff, Australian Stabilisation Industry Association

10.00 a.m. – 10.30 a.m.

Morning Tea

Session 2

10.30 a.m. – 12 noon

Performance Studies

- Austroads Guide to Stabilisation in Roadworks:
David Alabaster, Transit NZ.
- Performance of Lime Stabilised Marginal Aggregates:
George Brennan, Duffill Watts & King
- Do Dry Powdered Polymers Work?:
Glenn Lacey, Polyroad Stabilising, Australia
- Discussion

12.00 noon – 1.00 p.m.

Lunch

Session 3

1.00 p.m. – 3.00 p.m.

Binders

- Cement Stabilisation Using Dust Minimisation Techniques – Technology, Applications and Specifications in Various Countries:
Thorsten Fröbel, Fulton Hogan
- Choice of Binders for Sound Pavements:
Phillip Tombs, Econ Products
- Bitumen Stabilisation – An Australian Perspective:
Nigel Preston, Shell Bitumen, Australia
- Chemicals Used in Australia:
George Vorobieff
- Discussion

3.00 p.m. – 3.30 p.m.

Afternoon Tea

Session 4

3.30 p.m. - 5.00 p.m.

Construction 1

- Fill Conditioning:
Paul Boocock, Hiway Stabilizers
- Austroads Construction Best Practice Guide:
George Vorobieff
- Specifications for State Highways:
David Alabaster, Transit NZ
- Discussion



programme

Tuesday 29 June

Session 5

- 8.30 a.m. – 10.00 a.m. Pavement Design
- Modification versus Bound Pavements:
George Vorobieff
 - Structural Design of Layers:
George Brennan, Duffill Watts & King
 - Aggregates in Stabilised pavements – The Pudding Needs Plums:
David Hutchinson, Works Infrastructure and Ross Peplae, Bartley Consultants
 - Discussion

10.00 a.m. – 10.30 a.m. Morning Tea

Session 6 Construction 2

- 10.30 a.m. – 12.30 p.m.
- Intelligent Pavements:
Tim Dorrian, Hiway Stabilizers
 - Patching Techniques – A Review from Australia:
George Vorobieff
 - Stabilisation of SH16 in Helensville/Wellsford:
John Hallett, Beca Carter Hollings & Ferner/Transfield
 - Foamed Bitumen Stabilisation – Proven Technology in Various Climatic Regions:
Thorsten Frobel, Fulton Hogan
 - Discussion.

12.30 p.m. – 1.30 p.m. Lunch

Session 7

1.30 p.m. – 3.00 p.m. Questions, observations and discussion from the floor to the panel of Presenters.

3.00 p.m. Afternoon Tea

sponsorship and trade displays

There will be opportunities for companies, consultants and organisations to advertise and display their services to seminar participants. A freestanding own-stand will cost \$500 + GST. The trade display area will be in the same area as where the catering is served. Space is limited, so be in early. Whilst NZIHT is not actively pursuing sponsorship we can offer companies an opportunity to advertise their expertise/products through advertising on the proceedings and programme. Please contact Lynette Walsh at NZIHT (phone 06 759 7065, email lynette@nzihit.co.nz to discuss costs and available advertising

who should attend

This seminar will be of benefit to:

- Local Authority Asset Managers
- Local Authority Engineering staff
- Consulting engineers
- Contractors in the roading sector
- Suppliers of stabilisation products
- Suppliers of construction plant, aggregates, and equipment to the industry
- Academics and researchers
- Transit NZ staff



registration form

stabilisation OF ROAD PAVEMENTS SEMINAR

28-29 June, 2004

The cost of the seminar is \$496 + gst per delegate.

Please fill in the registration form and forward by fax or post to:

Lynette Walsh, NZ Institute of Highway Technology, PO Box 4273, New Plymouth

Phone: 06-759-7065

Fax: 06-759-7066

Email: lynette@nziht.co.nz

Please make sure all details are printed clearly.

Delegates Name (1)	
Delegates Name (2)	
Delegates Name (3)	
Organisation	
Postal Address	
City	
Phone	
Fax	
Email	
Mobile	
Contact Person & phone number	
Order Number	
Please invoice us	(please tick if applicable) <input type="checkbox"/>
Cheque in mail (Cheques to be made payable to NZ Institute of Highway Technology)	(please tick if applicable) <input type="checkbox"/>

Cancellations

Participant withdrawals must be notified in writing. Withdrawals five days prior to the seminar date will be charged 50% of the registration fee. Non attendance will be charged at the full rate. Substitute participants are welcome.

Accommodation Details

Delegates are required to make their own arrangements. NZIHT has negotiated a special rate with the Auckland Airport Centra of \$115.00 for a standard room, or \$126.00 including breakfast. If you wish to take advantage of this offer please contact the hotel direct stating you are attending the NZIHT Seminar on 28/29 June.
Auckland Airport Centra - Phone: 09-275-1059

