



**World
Class
Transport** 

Smarter, Stronger, Safer

**Rydges Hotel
Christchurch**

22 — 24 March
2015

ipenztg2015.co.nz

**Conference
Programme**

Draft Programme (as at 19 March)

Sunday 22 March 2015

14:00	Registration Desk Opens
16:00	Technical Tours
16:00	Airport Tour departs
16:30	CBD Anchor Projects Bus Tour departs
16:30	CBD Walking Tour departs
16:30	Cycle Tour departs
18:00	Bus departs Rydges Latimer Square for Hagley Oval
18:15	All Technical Tours conclude at Hagley Oval ready for the start of the Welcome Function
18:15	Welcome Function commences
18:15	Fun activities commence
19:00	Food and Beverage service commences
19:30	Councillor Phil Clearwater, Christchurch City Council Welcome to Christchurch
21:00	First bus departs for Rydges Latimer Hotel
21:30	Last bus departs for Rydges Latimer Hotel

Monday 23 March 2015

07:30 Registration Desk Opens

08:00 Greg Ellis, MC - Housekeeping

08:10 Jeanette Ward, Branch Chair, IPENZ TG Group
Conference Opening

08:15 Breakfast in the conference room

Choose your breakfast selections before taking a seat



08:30 Rob Kerr and Don Miskell, Canterbury Earthquake Recovery Authority (CERA)

Key Note Presentation - Implementation of an Accessible City

09:15 Rose McArthur, Mott MacDonald (UK)

Key Note Presentation – Effectively Influencing Travel Behaviour

10:00 Paul Matuschka, Avery Dennison Materials Australia

AS/NZS1906.1 revision update



10:00 MORNING TEA



Safety

10:30 Dale Harris, Abley Transportation Consultants
Developing a Risk Prediction Model for a Safe System Signature Project

10:50 Jamie Povall, MWH New Zealand Ltd
Reducing Highway Operating Speeds Through Layout Treatments

11:10 Pippa Mitchell, Traffic and Transportation Engineers Ltd. (T2 Engineers)
Speed limit setting: A safe systems approach

Thinking Smarter

11:30 Jo Chang, Opus International Consultants Ltd
World Class Over-height Vehicle Detection/Warning Systems –
Why do drivers still crash? A Human Factors Perspective

11:50 Rob Partridge, MWH Global
No room for a median treatment? - Think again

12:10 Louise Baker, Opus International Consultants
Project NZ: Accelerating Smart Transport in New Zealand

Passenger Transport and Pedestrians

10:30 Imran Muhammad, Massey University
Chinese communities experiences of public transport in Auckland

10:50 Glen Koorey, University of Canterbury
Feasibility Of Implementing International "Pedestrian Crosswalk" Laws In New Zealand

11:10 Aimee Dunne, Abley Transportation Consultants
Greater Christchurch Metro Bus Network Review

Resilience

11:30 Shannon Page, University of Canterbury
Assessment of personal transport adaptive capacity using a participatory survey
approach

11:50 Mark Gordon, AECOM
Transport and Resilient Cities - A Review of Current Developments

12:10 Bryan Pidwerbesky, Fulton Hogan
Best Practice in Pavement Design: What is it?

12:30 LUNCH

14:00 Innovation Quick fire

Vicki Butterworth, Cycling New Zealand

Cycle Skills Training - improving safety of cycle journeys

Wayne King, Hutt City Council

PUFFIN Traffic Signal Benefits

Andy Lightowler, Beca

Delivering Auckland City Centre's First On Road Segregated Cycleway

Sunil Prasad, Cheal Consultants Ltd

Evaluation of shared-use markings for cyclists in Auckland

Stacy Rendall, Abley Transportation Consultants

A smarter tool for selecting safe and effective pedestrian crossings

Haris Zia, Abley Transportation Consultants

Enhanced Identification of High Risk Intersections

Question Time

15:00 AFTERNOON TEA



15:30 3M Awards Finalists



15:30 Michael Holderness, 3M - Award introduction

15:35 Hamish Mackie, Mackie Research - Video presentation from his trip last year

15:40 Mike O'Halloran, AECOM - Hamilton Southern Links Study

15:45 Paul Durdin, Abley Transportation Consultants - Curve Risk Prediction Model

15:50 Sandra Hei Hei, Northland Freight Group; Leah Everest, CVIU NZ Police; Daron Turner, Smith & Davies - Northland Freight Group's truck education stops

15:55 Wayne King, Hutt City Council - Eliminating the perplexing flashing red man

16:00 Poster session

1 minute rapid fire by all poster presenters

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| 1 | Ming Bai, Christchurch City Council
Work Unit City: A Study of the Transport Design for Chinese Small City Urban Form | 2 | Bill Frith, Opus Research and Mike Jackett, Jackett Consulting
The benefits and costs associated with urban road lighting in New Zealand |
| 3 | Courtney Groundwater, Abley Transportation Consultants
Demonstrating the Value of School Travel Plans | 4 | Shannon Page, Lincoln University
Voila! A new measure of oil vulnerability for cities |
| 5 | Andy Lightowler, Beca Limited
Making Rotorua's Bus Network More Efficient | 6 | Chris Morahan, Opus International Consultants
Congestion: What are Christchurch's Worst Offending Roads? |
| 7 | Peter Nunns, MRCagney
Better bus fleets for New Zealand: Evaluating costs and trade-offs | 8 | Nicola Maire, Auckland Transport
Personalised Journey Planning in Auckland |
| 9 | Glen Koorey, University of Canterbury
Effect of on-street parking on traffic speeds | 10 | Stacy Rendall, Abley Transportation Consultants
Smarter Ways of Prioritising Communities for Safety Improvements |
| 11 | Fraser Worthington, AECOM NZ Ltd
Gilsonite Emulsion - Sunscreen for our Pavements | | |

16:15 Interactive Poster session

17:00 - 17:15 IPENZ TG AGM - Collect your drink as you enter the conference room

17:00 Drinks and nibbles sponsored by Christchurch Branch



19:30 Conference Dinner, Transitional Cardboard Cathedral
3M Traffic Engineer of the Year Awards



Tuesday 24 March 2015

08:00 Registration Desk Opens with Arrival Tea & Coffee

08:30 Housekeeping

08:45 Craig McWilliams, IBM and Craig Burrell, AECOM

Key Note Presentation – Bringing Smarter, Safer Transport to NZ

09:30 Andrew Jackson, Ministry of Transport and Ernst Zöllner, NZ Transport Agency

MoT / NZTA update

10:00 Marcus Beagley, BAS Expansion Joints Ltd

WABOCRETE 2 & Bridge Joint Repairs



10:00 MORNING TEA

City Wide Planning

10:30 Daniel Newcombe, Auckland Transport

Is a 'Framework' a smarter way?

10:50 Sam Corbett and Carl Chenery, Auckland Transport

One Size Doesn't Fit All - Reconciling Overlapping Transport Networks in a Constrained Urban Environment

11:10 Tim Cheesebrough, Christchurch City Council

Angus Bargh, SCIRT

Delivering An Accessible City

ITS & Signals

10:30 Andrew Stevens, Auckland Motorway Alliance

Combating Wrong Way Drivers on Divided Carriageways

10:50 Urie Bezuidenhout, Da Vinci Transport Planning

Urban VMS Conspicuity and Message Comprehension

11:10 Eddie Cook, Invercargill City Council

The innovative empowerment of Invercargill's slower walking pedestrian demographic

Canterbury Earthquake Rebuild

11:30 Jeanette Ward, Abley Transportation Consultants

Rebuilding Kaiapoi – The next instalment

11:50 Kerstin Rupp, SCIRT

Angus Bargh, SCIRT

Kevin Westeneng, SCIRT

Tresca Forrester, CTOC

Keeping Christchurch Moving

Corridor Planning

11:30 Caron Greenough, NZ Transport Agency

Connecting Wellington and the Wairarapa - a future vision

11:50 Shaun Lion-Cachet, AECOM

Hamilton Southern Links

12:10 John Denney, Opus International Consultants

Avon River Precinct: Shared Zones for Christchurch

12:30 LUNCH

13:30 John Hannah, Christchurch Cycleway Programme Manager, for Christchurch City Council

Mike Smith, Team Lead, Cycleway Road Safety Audit Teams, MWH NZ Ltd

Update on major cycleway safety audit findings, lessons learned (warts and all) and the Christchurch City Council Major Cycleway Design Guide

14:00 Round Table (choose 3 x 15 minute sessions to attend)

1 Kirill Yushenko, AECOM

Think ITS early - the risks if you don't

2 Graham Norman, Jacobs

Using smartphones for cycle planning

3 James Hughes, NZ Transport Agency

Creating a Safe System compliant Highway Network

4 Duncan Campbell, Traffessionals Ltd

Practical Compact Roundabouts for Urban Areas

5 Mike Flatters, MWH New Zealand Ltd

Unlocking Data to Achieve Smarter Outcomes

6 Wayne King, Hutt City Council

Incorrect Street Light "Switch On" Times

15:00 AFTERNOON TEA

15:30 Pravin Dayaram, Chair, IPENZ Transportation Group

Awards and Prizegiving

15:45 Stuart Donovan, MRCagney

Do our aspirations match our abilities? Systematic challenges facing the traffic and transport profession

16:15 Alan Nicholson, Research Advisory Sub Committee

Vote on the Transportation Group's highest priorities for research topics to be conveyed to NZ Transport Agency

16:25 Pravin Dayaram, Chair, IPENZ Transportation Group

Closing session

16:30 Conference Concludes