

# Operating on a Shoestring, without tying ourselves in knots!

Tuesday 13 <sup>th</sup> August		Wednesday 14 <sup>th</sup> August		Thursday 15 <sup>th</sup> August	
<b>Rock and Metal Big Day Out!</b>		7:30 - 8:00am	Registration / greetings Tea, coffee etc	8:00 - 8:30 am	Registration / greetings Tea, coffee etc
		8:00 - 8:20am	<ul style="list-style-type: none"> <li>Welcome address and housekeeping - <b>MC (Kushla Tapper)</b></li> <li>Intro from <b>REAAA Chair, Simon Hunt</b></li> <li>In-app survey - what do you wish you knew?</li> </ul>	8:30 - 8:45am	<ul style="list-style-type: none"> <li>Summary from yesterday (by Keynote Speaker: Tyrone Tool)</li> <li>Inspirational stories, encouraging the next generation - REG Champs Programme (TBC)</li> </ul>
		8:20 - 9:05 am	Keynote: Meeting our low volume road needs through collaborative, practical and affordable solutions - <b>Tyrone Tool, National Transportation Research Organisation (NTR0)</b> (45 min)	8:45 - 9:15am	Driving Progress : Revolutionising Council LVR Repairs through a Risk Assessment approach to Traffic Management - <b>Kevin Briggs, Waikato District Alliance</b> (20 min + Q&A)
9:00 - 9:15am	Meet at The Majestic on Durham	9:10 - 9:20am	All aboard the shoestring express - <b>Shaun Bosher, Stantec</b> (10 min)	9:15 - 9:30am	Emulsion Stabilisation in Tasman - <b>Jeremy Burton, Downer &amp; Tasman District</b> (15 min)
9:30 - 10:15am	Buses depart for Road Metals, going via the Park n Ride (alternative collection point) at Rolleston for health & safety briefing with Dan Francis, Road Metals	9:25 - 10:10am	<ul style="list-style-type: none"> <li>Pitfalls and Lessons Learned training Grader Operators</li> <li>Summary of the Big Day Out</li> </ul> <b>Swampy Marshall, Fulton Hogan</b> (45 min)	9:35 - 10:00am	Thames-Coromandel DC Storm Events - <b>Cory Simpson, Pinnacles Civil; Ed Varley, Roading Manager, TCDC; and Matt Busch, Investment Advisor, NZTA</b> (25 min)
10:15am	Split into 2 groups (Rotations 1 & 2)	10:15 - 10:45am	Morning tea with stall holders. Sponsors TBC	10:15 - 10:45am	Morning tea with stall holders. Sponsors TBC
10:30 - 12:00pm Rotation 1 - Kerrs Road Rotation 2 - Road Metals	<b>Rotation 1 - Grading Demonstrations</b> <ul style="list-style-type: none"> <li><b>John Deere Grader + Walk 'n Roll roller</b> with serrated edge demonstrating how slope control works (<b>Lachlan Smith, Sales Rep; Paul Herbison, Walk 'n Roll</b>)</li> <li><b>Komatsu + Sappapakka</b> doing normal grading (<b>Ashley Cummings, Grader Operator, Corde</b>)</li> <li><b>Intelligent Compaction Control (ICC) rolling - Bomag</b></li> </ul> <b>Rotation 2 - Look &amp; Play Grader, Cyclic Maintenance, Quarry &amp; Screen Machinery</b> <ul style="list-style-type: none"> <li><b>Grader</b> (static display) - <b>Komatsu (HEB Operator &amp; Dave Bainbridge, Komatsu)</b> - focus on joystick control</li> <li><b>Cyclic Maintenance 'Swiss army knife' truck (HEB)</b> (or during one of the Lunch breaks)</li> </ul> <b>Stands with Product Support Reps</b> <ul style="list-style-type: none"> <li><b>Toby McLaughlan, Caterpillar</b> - different replica plastic tips &amp; teeth</li> <li><b>Sandvik Rep</b> - replica plastic module with tips)</li> <li><b>Colin Hunt, Engineering Repairs, Ashburton</b> - Sappapakka roller &amp; modified serrated edge</li> </ul>	10:45 - 11:00am	A Smart Solution for Efficient Tracking and Reporting Unsealed Road Grading' - <b>Almero Du-Pisani, HEB</b> (15 min)	10:45 - 11:00am	From Nuisance to Clarity: A Case Study on Road Science's AI-Enhanced Approach to Dust Suppression - Tackling Health and Environmental Issues on Unsealed Roading Networks in New Zealand - <b>Katarina George, Road Science</b> (15 min)
		11:05 - 11:30am	Marlborough Roads Recovery - <b>Steve Murrin, Marlborough Roads</b> (25 min)	11:00 - 11:20am	Combining technology with good data and good fundamentals to drive optimal decision making for sealed maintenance - <b>Ashein Abeysekara, Ashburton DC</b> (20 min)
		11:35 - 12:00pm	Managing Weather and Geological Risks - Practical and Low Cost Options Tool Box - <b>Julia Riding, Downer</b> (20 min)	11:20 - 11:35am	An Innovative and Cost-Effective Treatment for Flushed Road Surfaces - <b>Nick Schilov, Hiway Stabilisers</b> (15 min)
		12:00 - 12:15pm	Morning wrap up - <b>MC</b> (15 min)	11:35 - 11:50am	A Pragmatic Approach to Forward Works Programmes - <b>Simon Bird, GHD</b> (25 min)
12:00 - 12:30pm BBQ Lunch (Komatsu)	<b>12:00 - 12:30pm</b> <b>BBQ Lunch (Komatsu)</b>  <b>Stands with Product Support Reps</b> <ul style="list-style-type: none"> <li><b>Toby McLaughlan, Caterpillar</b> - different replica plastic tips &amp; teeth</li> <li><b>Sandvik Rep</b> - replica plastic module with tips)</li> <li><b>Colin Hunt, Engineering Repairs, Ashburton</b> - Sappapakka roller &amp; modified serrated edge</li> </ul>	12:15 - 1:00pm	Lunch Sponsors TBC	12:15 - 1:00pm	Lunch Sponsors TBC
1:00 - 1:30pm		<b>REG</b> topics x 2 (15 min each) <ul style="list-style-type: none"> <li>Unsealed Roads &amp; Tactical Planning</li> <li>Candidate Selection Algorithm</li> </ul>	1:00 - 1:25pm	<b>App Survey</b> answers via <b>Panel Discussion</b> . Panel members to include: <ul style="list-style-type: none"> <li>Nick Brewer</li> <li>Mike Smith / Melanie Muirson</li> <li>Kevin Briggs</li> <li>Simon Hunt</li> <li>Tyrone Toole (Keynote)</li> </ul>	
1:30 - 3:10pm		<b>Young (Under 35s) Presenters</b> (15 min each incl Q&A) <ul style="list-style-type: none"> <li>Enhanced Maintenance Strategy - <b>Jeremy Burton, Downer</b></li> <li>Unsealed Road Maintenance on a Budget - <b>Matthew Burt, Fulton Hogan</b></li> <li>IDS Bridge Modelling - <b>Karun Kalesh, IDS</b></li> <li>Smartphone-Enabled AI innovation for Rural Roads and Footpaths - <b>Danielle Jarrett, Lonrix</b></li> <li>Bailey Bridges - Supporting Resilience &amp; Reconnecting Communities - <b>Victoria Worner, WSP</b></li> <li>Topic TBA - <b>Aydan Erickson, Whitestone Contracting</b></li> </ul>	1:25 - 2:10pm	<b>Table topics - Work Group Discussions</b>	
2:00 - 2:30pm		Overflow time to catch up, and mix and mingle!	3:10 - 3:30pm	Afternoon tea with stall holders. Sponsors TBC	2:40 - 3:00pm
2:30 - 3:15pm	Buses depart and travel to The Majestic on Durham	3:30 - 3:45pm	Users don't stand a chance - <b>Melanie Muirson and Mike Smith, Stantec</b> (15 min)	3:05 - 3:25pm	Minimise your Innovation - <b>Scott McIntyre, The Datastack</b> (20 min)
3:15 - 4:30pm	Free time and opportunity to check into accommodation	3:50 - 4:15pm	NZTA Investment Advisor Lens - <b>Martin Taylor, NZTA</b> (20 min)	3:30 - 3:45pm	REAAA LVR Rising Star Award - Takeaways from the TRB LVR Conference, 2023 in Cedar Rapids, Iowa - <b>Kushla Tapper</b>
		4:15 - 4:25pm	Finding the Barriers - <b>Mike Thomas, Downer with Tasman DC</b> (10 min)	3:45 - 4:15pm	Conference wrap up, potential LVR research projects / challenges for REAAA and survey feedback for next time.
		4:30 - 4:45pm	REG topic - Supporting sector growth and performance (15 min) Presenter TBC		
4:30 - 5:00pm	Presentation from <b>Drummond and Etheridge</b> at The Majestic on latest grader technologies	4:50 - 5:00pm	<ul style="list-style-type: none"> <li><b>Voting for Young Presenters</b> (using Workshop app)</li> <li>Add questions for <b>App Survey</b> - answers tomorrow</li> </ul>		
		5:00 - 6:30pm	Free time		
5:00 - 6:30pm	Welcome Function - Trade Stalls & Happy Hour	6:30 - 8:00pm	Workshop Dinner sponsored by NZTA		
		8:00 - 8:30pm	After dinner speaker - <b>Colin Mansbridge, CEO, Crusaders</b> sponsored by <b>Isaacs</b>		