

Low Volume Roads Workshop Agenda

Wednesday, October 9, 2024
8:00am - 4:00pm
Liberty North
100 Caplan Ave #1, Barrie, ON L4N 9J2

Breakfast
07:30

Exhibition Hall, networking time.
Sponsored by Cement Association of Canada.

Welcoming Remarks
08:00

Official Greetings and Land Acknowledgement.
Antoine Boucher, East Ferris, Good Roads President
Alex Nuttall, Mayor, Barrie

LVR 101 - Laying The Foundation
08:05

Reviewing the basics of Low Volume Roads, what you need to know.
Dave Anderson, President 4 Roads Management Inc.

Chemical Romance - Engineered Unpaved Road Chemical Treatment Tools
08:35

Performance of gravel roads based on gradation of material on the road and chemical treatments to control performance.
Dr. Stefan Louw, University of California, Research Pavement Centre

Winter Maintenance of Low Volume Roads
09:15

How do you best protect low volume roads in the winter? What we do in the summer impacts the performance of our low volume roads in the winter. Learn what you can do in all four seasons to protect your investment.
Warren Nicholishen, Retired, Director of Public Works

Break - Time with Exhibitors
09:45

Sponsored by BDT BioDiffusion.

Bridges, Culverts and Drainage Oh My
10:05

The focus of this panel discussion will look at structures that connect your low volume roads and how to best protect them in a cost-effective manor.
Betul Oliver, Business Development Manager - Acrow
Kevin Williams, Director, Engineering - Atlantic Industries Limited
Tim Lee, Bridge Specialist, Eastern Canada - Northern Bridge & Mat
Antoine Boucher, Moderator

Road Design Tools You Can Use - Iowa's Gravel Road Design Tool/Asset Management
10:40

Improve the overall performance of your LVR, save on maintenance and operation costs, and enhance the safety and mobility of LVR by addressing key performance indicators (drainage, cross-slope, aggregate loss, and freeze/thaw susceptibility).
Dr. Halil Ceylan, Iowa State University

Engineered Soils: Improving The Base Of Your Low Volume Roads
11:20

This presentation will look at improving the base of your low volume roads through full depth reclamation, soil stabilization, and cement treated bases.
Tim Smith, Senior Technical Director, Specifications and Infrastructure, CAC

Lunch - Exhibitor Hall, Time with Exhibitors
12:10

Sponsored by Lafarge and Clarke Construction.

Centre Wellington County Case Study - Stabilization
13:00

This presentation investigates new testing of materials on low volume roads. We look at the first municipality to use bio-resin product to stabilize their road.
Adam Gilmore, Manager of Engineering, Township of Centre Wellington
Colin Baker, Managing Director of Infrastructure Services, Township of Centre Wellington

Bridge Over Troubled Waters
13:30

Many municipalities responsible for low volume roads share the same pain points and Mr. Keierleber discusses bridge construction, maintenance of low volume roads, and cost-saving strategies to help you and your municipality effectively maintain this type of roadway.
Brian Keierleber, County Engineer, Buchanan County, Iowa

You Spin Me 'Round - Roadside Safety - Are You At Risk?
14:10

Are low volume roads more at risk than other roadways for safety? Find out and reduce your liability with this double presentation by 30 Forensic and BFL Canada.
Samantha Bennett, Associate, -30- Forensic Engineering, Jolene Ingribelli, Public Sector Risk Manager, BFLCanada.

Break - Time with Exhibitors
14:30

Sponsored by Walker Inc.

Converting Your Roads - Oro-Medonte Case Study
14:50

We take a look at one municipality's approach to managing their low volume road network. Highlighting the change from gravel to surface treated roads, to asphalt roads.
Karla Musso-Garcia, Manager, Operations, Oro-Medonte

The Road Less Travelled - Keynote Panel Discussion
15:15

Our keynote presenters take to the stage one last time to answer your questions and dual it out over low volume road best practices.
Dr. Stefan Louw, Dr. Halil Ceylan and Brian Keierleber
Moderator Dr. James Smith

Closing Remarks
15:55

Final reminders and several draw prizes will be made for attendees. Must be present to win.
Dr. James Smith, Good Roads
Sponsored by Egis.

*Note: Times and sessions are subject to changes.