



Canadian Technical Asphalt Association  
Association technique canadienne du bitume

PRESENTS:



2026 ANNUAL

# Western Canada Pavement Workshop

Delta Edmonton South Hotel & Conference Centre | February 17 & 18, 2026

IN PARTNERSHIP WITH:



# TRAINING CAMP | DAY 1 | FEB 17

## SEPARATE REGISTRATION REQUIRED

7:30am – 8:30am Registration and Breakfast

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8:30am – 11:30am **Training Camp – Cold Recycling**

Build a solid understanding of cold recycling technologies, including *Cold In-Place Recycling (CIR)*, *Full-Depth Recycling (FDR)* and *Cold Central Plant Recycling (CCPR)*. This session covers project selection, mix design strategies, stabilizing agents (foam vs. emulsion), and construction best practices to ensure structural integrity and sustainability.

**Moderator: Richard Hart, B.Sc., General Manager, Manufacturing and Materials, Park Paving Ltd.**

**Participants:**

**Jessie Anna Boone, Market Development Manager, Recycling Products, Wirtgen**

**Hugh Donovan, P.Eng., Canadian Council of Independent Laboratories (CCIL)**

**Kim Edmunds, P.Eng., Surfacing Standards Specialist,**

*Alberta Transportation and Economic Corridors*

**Mohammad Karim, M.A.Sc., P.Eng., Principal Consultant,**

*Pavement Engineering, Tetra Tech*

**Marlis Foth, P.Eng., M.Sc., Director, Technical Services/Infrastructure Delivery,**

*Integrated Infrastructure Service, City of Edmonton*

**Arash Ghahremani, P.Eng., Senior Technical Manager, Colas Canada Inc.**

**Session 1 – Design & Methodology**

- Introduction to Cold Recycling technologies
  - Sustainability and environmental benefits
  - Project selection and site assessment
  - Stabilizing agents (Emulsified Asphalt vs. Foamed Asphalt)
  - Material sampling and characterization
  - Mix design procedures
  - Lab testing standards
  - Structural design considerations
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9:50am – 10:10am Break

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10:10am – 11:30am **Session 2 – Construction & Quality Control**

- Recycling equipment
  - Construction sequence and milling
  - Laydown, compaction, and curing times
  - Quality Assurance / Quality Control (QA/QC)
  - Troubleshooting common issues
  - Performance review
  - Agencies perspective
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11:30am – 1:00pm Networking Lunch

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# WORKSHOP | DAY 1 | FEB 17

12:00pm – 1:00pm Registration and Networking Lunch

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1:00pm – 1:25pm **Welcome and Opening Remarks**  
**Marlis Foth, P.Eng., M.Sc.,** *Director, Technical Services/Infrastructure Delivery, Integrated Infrastructure Services, City of Edmonton*

**Greetings from Canadian Technical Asphalt Association (CTAA)**  
**Wayne Mah, P.Eng.,** *Acting Director - Pavement Engineering, Technical Standards Branch, Alberta Transportation and Economic Corridors*

**Greetings from Alberta Transportation and Economic Corridors**  
**Marta Juhasz, P.Eng.,** *Acting Executive Director, Technical Standards Branch, Alberta Transportation and Economic Corridors*

1:25pm – 2:45pm **Moderator: Bryan Palsat, P.Eng.,** *Senior Vice President - Transportation, Tetra Tech*

**The Troublesome Pothole: An Insidious and Ingrained Defect by Design**  
**Jean-Martin Croteau, P.Eng.,** *Technical Director, Colas Canada Inc.*

**Advancement in Pavement Innovation through Asphalt Low-Emission Resilience Technologies (ALERT)**  
**Mohammad Shafiee, PhD, P.Eng.,** *Associate Researcher, Road and Pavement Engineering, National Research Council Canada (NRC)*

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2:45pm – 3:00pm Break

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3:00pm – 5:00pm **Winter Pavement Maintenance (Panel Discussion)**  
**Moderator: Marlis Foth, P.Eng., M.Sc.,** *Director, Technical Services/Infrastructure Delivery, Integrated Infrastructure Services, City of Edmonton*

**Panelists:**

- **Nasir-ul Mulk, P.Eng.,** *Senior Pavement and Materials Engineer, City of Calgary*
  - **Cory Gardner,** *Supervisor Mobility Infrastructure Services, Parks and Roads Services, City of Edmonton*
  - **Iain Herzog, P.Eng., P.M.P.,** *Director, Capital Delivery, County of Grande Prairie*
  - **Greg Ehman, MBA, CEC,** *General Manager Highways, Ledcor*
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5:00pm – 5:05pm Closing Comments: Day One

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5:05pm – 7:00pm Networking Reception (Refreshments, Hors d'œuvres)

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# WORKSHOP | DAY 2 | FEB 18

7:00am – 8:30am Registration and Breakfast

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8:30am – 10:15am **Paving the Future: Emerging Technologies and Materials in Road Engineering**  
**Moderator: Brett Newstead P.Eng.,** *General Manager of Planning & Infrastructure, Town of Stony Plain*

**From Panic to Practice: Applying AI in Road and Roadside Asset Management**  
**Faizal Kanji, P.Eng.,** *Infrastructure Engineer, Transportation, City of St. Albert*  
**Mustafa Gül, PhD, P.Eng.,** *Professor, University of Alberta*

**Smarter Roads: New Frontiers in Pavement Materials and Design**  
**Leila Hashemian, P.Eng.,** *Professor, University of Alberta*

**Advance Technologies in Equipment**  
**Hunter Harber,** *Technology Manager of Telematics and Diagnostics, Wirtgen*

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10:15am – 10:30am Break

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10:30am – 12:00pm **Advancements in Pavement Materials and Surface Treatments**  
**Moderator: Mohammad Karim, M.A.Sc., P.Eng.,** *Principal Consultant, Pavement Engineering, Tetra Tech*

**Innovation in Binder Technologies & Mixes**  
**Jeff Jarvis, MBA, BSc.,** *Technical Manager Western Canada, McAsphalt Industries Ltd.*

**Can One Mix Do It All?**  
**Chris Campbell, P. Tech, Manager,** *Roadways Capital Operations, City of Regina*

**Performance and Cost Benefits of Seal Coat Treatments: British Columbia Perspective**  
**Vipin Sharma, P.Eng.,** *Manager Pavement Engineering, Tetra Tech*

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12:00pm – 12:15pm **Workshop Wrap-Up**  
**Richard Hart, B.Sc.,** *General Manager, Manufacturing and Materials, Park Paving Ltd.*

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12:15pm – 1:00pm Networking Coffee

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