



CEA's Transportation Connects Alberta Conference

Program at a Glance

Edmonton Convention Centre

*Program subject to change

Sunday, March 2, 2025				
4:00 pm – 6:00 pm	Registration Desk Open – Exhibitors Only		Hall D Lobby	
4:00 pm – 8:00 pm	Tradeshow Setup		Hall D & Foyer	
7:00 pm – 9:30 pm	Registration Desk Open		CRAFT Beer Market	
7:00 pm	Pre-Conference Mixer			
Monday, March 3, 2025				
7:30 am – 5:00 pm	Registration Desk Open		Hall D Lobby	
7:30 am – 9:00 am	Breakfast & Tradeshow Roam		Hall D & Foyer	
8:00 am – 5:00 pm	Tradeshow Exhibition			
8:30 am – 10:00 am	Opening Remark – Chris Workman, CEA President Conference Opening and Welcome – Warren McKay, Master of Ceremonies		Hall D	
	Plenary A State of the Alberta Economy – Mark Parsons, VP & Chief Economist – ATB Financial A Futurist Lens into Alberta: How AI, Trains, Autonomous Vehicles, Drones, and Growth will Reshape the Province – Simon O'Byrne, MCP, RPP, MCIP – Stantec Consulting Plenary followed by Q&A			
10:00 am – 10:30 am	Coffee Break & Tradeshow Roam		Hall D & Foyer	
10:30 am – 12:00 pm	Session I: Bridges Salon 8 Moderator: Ming Jiao	Session II: Airports, Transit, Rail Salon 9/10 Moderator: Russ Coulombe	Session III: Environmental Engagement Salon 11 Moderator: Fred Greenhough	Session IV: Utilities Salon 12 Moderator: Russell Pinchak
	10:30 am – 11:00 am Dennis Bremault, P.Eng., M.Sc. – COWI North America Ltd. <i>Bridge Replacement on an Active Landslide – Athabasca River Bridge</i>	10:30 am – 11:00 am Heather Kruger, P.Eng., PMP, MBA – Egis Kouessan Kangni – Egis <i>Unique Solutions to Unique Problems: Interface Management and Risk Mitigation</i>	10:30 am – 11:00 am Henry Devos, P.Eng. – CIMA+ Chris Lo, P.Eng., PTP – Alberta Transportation and Economic Corridors <i>Public Engagement for a Fast-Tracked Highway Twinning Project</i>	10:30 am – 11:00 am Thomas Greaves, P.Eng., PMP – Hatch Andy Walsh, P.Eng., PMP – Hatch <i>The Role of Utility Engineers on Large Transportation Projects: Update and Lessons Learned</i>
	11:00 am – 11:30 am Chris Schwartz – Volker Stevin Highways Ltd. Cory Taylor, P.Eng. – MPE Engineering	11:00 am – 11:30 pm Kent Eklund, P.Eng., MBA – Associated Engineering Jarek Karpiejuk, P.Eng., MS(Eng) – City of Edmonton	11:00 am – 11:30 pm Michael Halliwell, P.Eng., M.Eng., EP – Thurber Engineering	11:00 am – 11:30 pm Ismael Walderrama, P.Eng. – PBX Engineering Ltd.
	<i>Drumheller, BF 74796, Star Mine Suspension Bridge Rehabilitation</i>	<i>Navigating Challenges, Building Success: The Capital Line LRT Extension Journey in Edmonton</i>	<i>Pipelines, Wells and Blowouts..Oh My!</i>	<i>Asset Management – Developing a Critical Replacement Program</i>
	11:30 am – 12:00 pm Farel Miankodila, P.Eng., M.Sc. – WSP Canada Inc. Jianmin Zhang, P.Eng., Ph.D. – WSP Canada Inc. <i>Rehabilitation of a Post-Tensioned Bridge Severely Damaged by Over-Height Impact</i>	11:30 am – 12:00 pm Georgette McGrath-Jukic, P.Eng., BSc, APEGA, PMI, PMP – Calgary Municipal Land Corporation Chris Knobel, P.Eng. – Calgary Transit, City of Calgary Gary Mundy, M.Arch., B.E.Des., Architect, AIBC, AAA, SAA, MAA, OAA, MRAIC – GEC Architecture Alana Getty Somers, P.Eng. – ISL Engineering and Land Services <i>A Strategic Approach to LRT Station Reconstruction</i>	11:30 am – 12:00 pm Tariq Aziz, P.Eng., MBA – City of Edmonton/TP Engineering Ltd. Ryan Teplitsky, P.Eng. – City of Edmonton Li Wang, P.Eng. – Associated Engineering Tonderai Chakanyuka, P.Eng., MBA, PMP, C.Eng., M.I.C.E – Associated Engineering <i>Kennedale Integrated Snow Services Site</i>	11:30 am – 12:00 pm Blaine Hunt, P.Eng. – T2 Utility Engineers Ophir Wainer, M.CSCE – T2 Utility Engineers <i>SUE Subsurface Utility Engineering E is for Engineering</i>
12:00 pm – 1:00 pm	Lunch & Tradeshow Roam		Hall D & Foyer	

1:00 pm – 1:45 pm	Plenary B – The Ministry of Alberta Transportation and Economic Corridors Update Bryce Stewart, Deputy Minister Paul Smith, Assistant Deputy Minister, Capital Planning, Grants and Engineering Services Division Tom Loo, Assistant Deputy Minister, Construction and Maintenance Division			Hall D
1:45 pm – 3:00 pm	Plenary C – Panel Discussion – Industry Challenges from the Municipal Perspective Craig Walbaum, P.Eng., M.Sc., Acting Deputy City Manager, Integrated Infrastructure Services – City of Edmonton Michael Thompson, P.Eng., MBA, General Manager, Infrastructure Services – City of Calgary Clint Neufeld, Director, Policy and Advocacy – Alberta Municipalities Dave Dextraze, CET, General Manager of National Partnerships – Rural Municipalities of Alberta Panel Moderator: Ken Kozakewich			Hall D
3:00 pm – 3:30 pm	Coffee Break & Tradeshow Roam			Hall D & Foyer
3:30 pm – 5:00 pm	Forum 1: Bridges Salon 8	Forum 2: Airports, Transit, Rail Salon 9/10	Forum 3: Roadways Salon 11	Forum 4: Project Delivery Panel Salon 12
	Moderator: Tara Alexander	Moderator: Mounira Sayour	Moderator: Fred Greenhough	Moderator: Stewart Smith
Concurrent Breakout Forums	3:30 pm – 4:00 pm Dan Morin, P.Eng., PMP, STS – AECOM Canada Ltd. Peter Little, P.Eng., M.Eng. – AECOM Canada Ltd. Mike Rozendaal, P.Eng. – Alberco Construction Ltd. Highway 15 Twinning: North Saskatchewan River Bridge 4:00 pm – 4:30 pm Azita Azarnejad, P.Eng., Ph.D., FCSCE, – Jacobs Replacement of Red Deer River Bridge near Morrin 4:30 pm – 5:00 pm Carter Lautner, P.Eng. – Associated Engineering Ryan MacPhee, C.E.T. – Associated Engineering Olivia Lautner, P.Eng. – Volker Stevin Highways Ltd. Rainbow Road Bridge Replacement in Chestermere AB	3:30 pm – 4:00 pm Laura Talboys, P.Eng., BSc, M.Sc. – RJC Engineers Aditi Jog, M.Sc., EIT, PMP – Edmonton International Airport YEG (Edmonton International Airport) Departures Elevated Roadway and Ramp Rehabilitation 4:00 pm – 4:30 pm Keely Sullivan, P.Eng., LLM, PMP – City of Calgary Who Cares if it's Safe: System Assurance on Urban Railways 4:30 pm – 5:00 pm Priya Dunna, P.Eng., PMP, MBA – WSP Canada Inc. Aisha Malik, BSc, M.Sc. – WSP Canada Inc. Shamrin Muneer, Btech – WSP Canada Inc. Enhancing Rail Project success through Systems Engineering and Systems Integration	3:30 pm – 4:00 pm Andrew Connell, P.Eng., PMP – CIMA+ Completing the Calgary Ring Road 4:00 pm – 4:30 pm René Rosvold, P.Eng. – CIMA+ Danny Jung, P.Eng. – Alberta Transportation & Economic Corridors Business Case for Highway 666 'Wapiti Hill' 4:30 pm – 5:00 pm Brad Vander Heyden, P.Eng. – Stantec Consulting Christine Villeneuve, P.Eng., PMP – City of Red Deer City of Red Deer Southeast Sector Transportation Improvements	3:30 pm – 5:00 pm Panelists: Brian Maksymetz, P.Eng. – Better Projects Incorporated Jean Steenhouwer, MA – Egis Tijana Smiljanic, P.Eng. – McElhanney
5:00 pm – 6:00 pm	Cocktail Reception & Networking			Hall D & Foyer
6:00 pm	Banquet			Hall D
	6:00 pm – 6:30 pm: Welcome 6:30 pm – 7:45 pm: Dinner 7:45 pm: Honourable Devin Dreeshen Address Presentation of the 2025 Minister's Awards for Transportation Innovation Presentation of the 2025 Transportation & Economic Corridors Partnering Awards			
Tuesday, March 4, 2025				
7:30 am – 8:30 am	Breakfast & Tradeshow Roam			
7:30 am – 1:30 pm	Registration Desk Open			Hall D & Foyer
8:00 am – 1:30 pm	Tradeshow			
8:00 am – 9:00 am	Plenary D – How Automation May Change Where We Walk, Bike, Drive and Travel Mara Bullock, P.Eng., National Smart Mobility Manager, Transportation Planning & Science, Transportation & Infrastructure – WSP Canada Inc.			Hall D

	Forum 1: Bridges Salon 8	Forum 2: Active Transportation Salon 9/10	Forum 3: Geotechnical and Materials Salon 11	Forum 4: Technology Showcase Salon 12
	Moderator: Tara Alexander	Moderator: Sean Snowden	Moderator: Alana Getty Somers	Moderator: Todd Simenson
9:10 am – 10:40 am Concurrent Breakout Forums	<p>9:10 am – 9:40 am Laura Donaldson, P.Eng. – Egis</p> <p><i>Counteracting Microbial Induced Corrosion – Reed Narrows Bridge</i></p> <p>9:40 am – 10:10 am Gerd Birkle, P.Eng., PhD – Entuitive Ivy Liang, P.Eng., MAsc. – Entuitive</p> <p><i>Solving Complex Geometry on Bertram Pedestrian Overpass</i></p> <p>10:10 am – 10:40 am Tyler Nisbet, P.Eng. – Associated Engineering Jeremy Drover, P.Eng. – Associated Engineering</p> <p><i>Above It All: Engineering, Fabrication and Construction of Overhead Signs</i></p>	<p>9:10 am – 9:40 am Amanda Kaiser, CP3, BCS, JA – ISL Engineering and Land Services Dan Zeggelaar, P.Eng., PTOE, PTP, RSP1 – ISL Engineering and Land Services</p> <p><i>Engagement for Active Transportation Projects</i></p> <p>9:40 am – 10:10 am Patrick Zerr, P.Eng., RSP1 – McElhanney</p> <p><i>Quick-Build to Ultimate and In Between – Lessons Learned from Lower Mainland Active Transportation Facilities</i></p> <p>10:10 am – 10:40 am Roy Symons, P. Eng. – ISL Engineering and Land Services Scott MacDonald – ISL Engineering and Land Services</p> <p><i>Lessons from the Dutch: We Still Have a Long Way to Go</i></p>	<p>9:10 am – 9:40 am Robert Johnson, P.Eng., MAsc. – Thurber Engineering</p> <p><i>Stakeholder Responsibilities in Quality Control/ Assurance Testing</i></p> <p>9:40 am – 10:10 am Brock Nesbit, ASct (BC) – Solmax International</p> <p><i>Failure to Resilience: Managing FrostHeave/ Expansive Clays in Infrastructure</i></p> <p>10:10 am – 10:40 am Mike Jackson, P.Eng. – Stantec Consulting</p> <p><i>Highway 14 Grade Raise at Range Road 30</i></p>	<p>9:10 am – 9:40 am Suliman Gargoum, P.Eng., PhD – Reflektar Inc</p> <p><i>Efficient Digital Twinning of an Entire City using Mobile LiDAR and AI: A Proof of Concept from the City of St Albert</i></p> <p>9:40 am – 10:10 am Mohamed Attia, P.Eng., PhD, PMP – GeoVerra</p> <p><i>Leveraging Walkable MMS: Innovative Solutions for Transportation Infrastructure</i></p> <p>10:10 am – 10:40 am Matthew Dickie, P.Eng. – Softree Technical Systems</p> <p><i>Integrating AI in Road Design: Reducing Earth-work and Environmental Impact</i></p>
10:40 am – 11:00am	Coffee Break & Tradeshow Roam			Hall D & Foyer
11:00 am – 12:00pm	Plenary E – Re-Engineer Your Brain for Peak Performance Maneesh Kalra, BSc., MBA, Founder & CEO – MANTHAN Inc.			Hall D
12:00 pm – 1:00 pm	Closing Remarks, Tradeshow Announcements & Lunch			Hall D & Foyer