



# CEA's Transportation Connects Alberta Conference

## Program at a Glance

Edmonton Convention Centre

\*Program subject to change

Sunday, February 26, 2023					
4:00 pm – 6:00 pm	Registration Desk Open - Exhibitors Only				Room: Hall D and Foyer
4:00 pm – 8:00 pm	Tradeshow Set-Up				
7:00 pm – 9:30 pm	Registration Desk Open				Room: CRAFT Beer Market
7:00 pm	Pre-Conference Mixer				
Monday, February 27, 2023					
7:30 am – 5:00 pm	Registration Desk Open				Room: Hall D and Foyer
7:30 am – 9:00 am	Delegate Breakfast & Tradeshow Room				
8:00 am – 5:00 pm	Tradeshow				Room: Hall D
8:30 am – 9:30 am	<b>CEA President Opening Remarks</b> - Ryan Betker, CEA President <b>Conference Opening and Welcome</b> - Moderator, Sheldon Hudson				
	<b>Plenary A</b> - State of the Economy in Alberta <b>Felicia Mutheardy - Corporate Economist   City of Edmonton</b> <b>Oyinola Shyllon - Manager, Corporate Economics and Regulatory Affairs   City of Calgary</b>				
9:30 am - 10:00 am	Coffee Break and Tradeshow Room				Room: Hall D and Foyer
10:00 am - 10:45 am	<b>Plenary B</b> - Pre/Post Covid: Airport Management – What has changed? <b>Chris Miles – Vice President, Operations and Infrastructure   The Calgary Airport Authority</b> <b>Steve Maybee – Vice President, Operations and Infrastructure   Edmonton Airports</b>				Room: Hall D
11:00 am – 12:00 pm	<b>Session I: Roadway Design and Safety Enhancements</b> Room: Salon 12 Moderator: Des Kernahan	<b>Session II: Active Transportation</b> Room: Salon 8 Moderator: Randy Mendoza	<b>Session III: Wildlife</b> Room: Salon 9 Moderator: Stewart Smith	<b>Session IV: Planning for the Future</b> Room: Salon 10 Moderator: Alana Getty Somers	<b>Session V: Wetlands</b> Room: Salon 11 Moderator: Greg Bulych
	11:00 am- 11:30 am <b>Henry Devos, P.Eng., CIMA Canada Inc.</b>	11:00 am- 11:30 am <b>Carolyn Sherstone, M.PI, P.Eng, RPP, MCIP, WSP</b>	11:00 am - 11:30 am <b>Dee Patriquin, Ph.D., P.Biol., R.P.Biol., Flatiron Constructors Canada</b>	11:00 am - 11:30 am <b>John Maree, P.Eng., M.Eng., Associated Engineering</b>	11:00 am - 11:30 am <b>Scott Etzel, P.Eng., PMP, Associated Engineering</b>
	Upgrading Highly Constrained Expressway to Freeway Standards	Active Transportation Network Planning for Small Communities	Buggs, Bunnies, and...Better Bridges?	Interim Intersection Design Considerations for Long-Term Interchange Site (St. Albert Ray Gibbon Drive and Fowler Way Intersection Staging)	Working Together to Improve Natural Habitats in Nose Creek
	<b>Concurrent Workshop Sessions</b>  11:30 am- 12:00 pm <b>Patrick Zerr, P.Eng., and Nick Guaran, P.Eng., McElhanney Ltd.</b>  Debris Flow Mitigation at the East Gate Landslide	11:30 am- 12:00 pm <b>Lindsay Haskins, P.Eng., Stantec Consulting Ltd. and Alejandro Quijano, M.Sc., P.Eng., City of Edmonton</b>  Retrofitting Arterial Roads to Expand the Active Transportation Network	11:30 am - 12:00 pm <b>Amy Hunter, P.Eng., PTOE, PBX Engineering Ltd.</b>  Colorado Department of Transportation Wildlife Detection System	11:30 am - 12:00 pm <b>Gary St. Michel, P.Eng. and Afzal Waseem, M.A.Sc., P.Eng., Tetra Tech Canada Inc.</b>  A 20-Year Culvert Capital Works Program Incorporating Extreme Weather Events	11:30 am - 12:00 pm <b>Elliott Reimer, C.E.T., McElhanney Ltd.</b>  Improving Fish Passage Across the Trans-Canada Highway at Rogers Pass
12:00 pm – 1:00 pm	Lunch & Tradeshow Room				Room: Hall D and Foyer
1:00 pm - 3:00 pm	<b>Plenary C</b> The Ministry of Alberta Transportation and Economic Corridors Update - <b>Bryce Stewart, Deputy Minister with Ranjit Tharmalingam, ADM – Planning, Procurement and Technical Standards Division and Tom Loo, ADM – Construction and Maintenance Division</b>  City of Edmonton Update - <b>Adam Laughlin, P.Eng. ICD.D, Deputy City Manager, Integrated Infrastructure Services</b> City of Calgary Update - <b>Michael Thompson, P.Eng., MBA, General Manager Infrastructure Services</b>				Room: Hall D

3:00 pm – 3:30 pm	<b>Coffee Break &amp; Tradeshow Roam</b>					<b>Room: Hall D and Foyer</b>
3:30 pm – 5:00 pm <b>Concurrent Breakout Forums</b>	<b>Forum 1: Bridge Design</b> <b>Room: Salon 8</b> <b>Moderator: Fred Greenhough</b>  3:30 pm - 4:00 pm <b>Azita Azarnejad, Ph.D., P.Eng., FCSCE, Jacobs</b>  CSA S7, A New Design Guideline for Pedestrian, Cycling, and Multiuse Bridges  4:00 pm - 4:30 pm <b>Trevor Baragar, P.Eng., LEX3 Engineering Inc. and Nolan Rettie, M.Sc., P.Eng., Alberta Transportation and Economic Corridors</b>  A Modern Truss Bridge in the Historic Rosebud River Corridor  4:30 pm - 5:00 pm <b>Sarah Faithful, EIT, WSP</b>  9th Ave Vehicle Bridge Replacement	<b>Forum 2: Innovation in Transportation</b> <b>Room: Salon 9</b> <b>Moderator: Warren McKay</b>  3:30 pm - 4:00 pm <b>Wayne Mah, P.Eng., Alberta Transportation and Economic Corridors and Arash Ghahremani, P.Eng., Colas Canada</b>  Pushing the Boundaries of RAP Content in Asphalt Mixes  4:00 pm - 4:30 pm <b>Rob Gibbard, P.Eng., CIMA Canada Inc.</b>  Using a Priority Ladder to Help Clients Make Project Decisions  4:30 pm - 5:00 pm <b>Billy Wong, M.Asc., P.Eng., Stantec Consulting Ltd.</b>  Our World Is In 3D, So Should Be Our Deliverables?	<b>Forum 3: Transit and Rail (repeats)</b> <b>Room: Salon 12</b> <b>Moderator: Wendy MacKay</b>  3:30 pm - 4:00 pm <b>Henry Devos, P.Eng., CIMA Canada Inc. and Christopher Wintle, P.Eng., PMP, City of Edmonton</b>  Retrofitting Bus Rapid Transit Along Whitemud Drive  4:00 pm - 4:30 pm <b>Ravinder Minhas, P.Eng., PMP, City of Calgary, Adam Haimour, M.Eng., P.Eng., IBI Group, Dale Hein, P.Eng., Hatch, and Timmy Li, P.Eng., WSP</b>  At-grade LRT Crossings Safety Enhancements Initiative  4:30 pm - 5:00 pm <b>Amy Hunter, P.Eng., PTOE, PBX Engineering Ltd.</b>  Rail Crossing Advanced Traveller Information System	<b>Forum 4: Project Delivery (repeats)</b> <b>Room: Salon 11</b> <b>Moderator: Des Kernahan</b>  3:30 pm - 4:00 pm <b>Ryan Teplitsky, P.Eng., City of Edmonton</b>  Construction Consultant General Contractor Project Delivery Model  4:00 pm - 5:00 pm <b>Brian Maksymetz, P.Eng., Better-Projects.ca</b>  How Owners Can Protect Their Interests in Collaborative Project Delivery	<b>Forum 5: Bridge Rehabilitation</b> <b>Room: Salon 10</b> <b>Moderator: Rene Rosvold</b>  3:30 pm - 4:00 pm <b>Sydney Reinbolt, P.Eng., M.Eng., and Tara Alexander, M.Sc., P.Eng., Associated Engineering</b>  Bridge Widening, Deck Connections  4:00 pm - 4:30 pm <b>Anthony Ferrise, P.Eng., RJC Engineers</b>  Extending the Service Life of a Pedestrian Overpass  4:30 pm - 5:00 pm <b>Tao Yong, M.Eng., P.Eng and Lungui Li, Ph.D., P. Eng., P.E., WSP</b>  Development of Live Load Capacity Factor Formula under Complicated Loadings	
	5:30 pm – 6:00 pm	<b>Cocktail Reception &amp; Networking</b>				
6:00 pm	<b>Reception</b>					
	<b>6:00 pm - 6:30 pm: Welcome</b> <b>6:30 pm - 7:45 pm: Dinner</b> <b>7:45 pm - 9:00 pm: Honourable Devin Dreesen Address</b> <b>Presentation of the 2023 Minister's Awards for Transportation Innovation</b> <b>Presentation of the Transportation &amp; Economic Corridors 2023 Partnering Awards</b>					<b>Room: Hall D</b>



Tuesday, February 28, 2023

7:30 am – 1:30 pm	Registration Desk Open					
7:30 am – 8:30 am	Delegate Breakfast & Tradeshow Roam					Room: Hall D
8:00 am – 12:00 pm	Tradeshow					
8:00 am – 9:00am	<b>Plenary D</b> - Infrastructure Response to BC Flooding <b>Marcus Barber, Construction Division Manager, McElhanney Ltd.</b> <b>Jennifer Fraser, Executive Project Director, Highway Reinstatement Program, BC Ministry of Transportation and Infrastructure</b> <b>Mindy Steckmest, P.E., Design Operations Director, Kiewitt Engineering Group Inc.</b>					Room: Hall D
9:10 am – 10:40 am Concurrent Breakout Forums	<b>Forum 1: Bridge Design</b> <b>Room: Salon 8</b> <b>Moderator: Fred Greenhough</b>	<b>Forum 2: Innovation in Transportation</b> <b>Room: Salon 9</b> <b>Moderator: Rene Rosvold</b>	<b>Forum 3 - Transit and Rail (repeat)</b> <b>Room: Salon 12</b> <b>Moderator: Mark Roen</b>	<b>Forum 4 - Project Delivery (repeat)</b> <b>Room: Salon 11</b> <b>Moderator: Warren McKay</b>	<b>Forum 5: Bridge Rehabilitation</b> <b>Room: Salon 10</b> <b>Moderator: Greg Bulych</b>	
	9:10 am - 9:40 am <b>Kristen Andersen, P.Biol., PWS, CPESC and Tara Alexander, M.Sc., P.Eng., Associated Engineering</b>  <i>Duggan Bridge Replacement and Slope Restoration</i>  9:40 am - 10:10 am <b>Laurie McCarron, P.Eng., MBA, WSP and Phil Carroll, P.Eng., Atlantic Industries Ltd.</b>  6.0 m dia. Deep Corrugated Steel Pipe (DCSP) Installation with high cover  10:10 am - 10:40 am <b>Kurt Weber, P.Eng., Anwar Majid, M.A.Sc., P.Eng. and Robert Laing, P.Eng., PMP, AECOM</b>  Design and Construction Risk Management – West Calgary Ring Road (DB1)	9:10 am - 9:40 am <b>Amy Hunter, P.Eng., PTOE, PBX Engineering Ltd.</b>  <i>Automated Avalanche Detector System</i>  9:40 am - 10:10 am <b>Colin Keir, P.Eng., P.Surv., ALS and Dene Gott, P.L.Eng., P.Tech.(Eng.), PMP, GeoVerra Inc.</b>  Surveying – Understanding Coordinate Systems, Boundaries, UAV & Mobile Mappers  10:10 am - 10:40 am <b>Laurie LeBlanc, C.Tech. and Jamie Bradburn, T2 Utility Engineers Inc.</b>  <i>Utilizing Multi-Channel GPR to Support a Thorough SUE Investigation</i>	9:10 am - 9:40 am <b>Henry Devos, P.Eng., CIMA Canada Inc. and Christopher Wintle, P.Eng., PMP, City of Edmonton</b>  <i>Retrofitting Bus Rapid Transit Along Whitemud Drive</i>  9:40 am - 10:10 am <b>Ravinder Minhas, P.Eng., PMP, City of Calgary, Adam Haimour, M.Eng., P.Eng., IBI Group, Dale Hein, P.Eng., Hatch, and Timmy Li, P.Eng., WSP</b>  At-grade LRT Crossings Safety Enhancements Initiative  10:10 am - 10:40 am <b>Amy Hunter, P.Eng., PTOE, PBX Engineering Ltd.</b>  Rail Crossing Advanced Traveller Information System	9:10 am - 9:40 am <b>Ryan Teplitsky, P.Eng. City of Edmonton</b>  Construction Consultant General Contractor Project Delivery Model  9:40 am - 10:40 am <b>Brian Maksymetz, P.Eng., Better-Projects.ca</b>  How Owners Can Protect Their Interests in Collaborative Project Delivery	9:10 am - 9:55 am <b>Murray Johnson, P.Eng., Stantec Consulting Ltd. and Dennis Bremault, P.Eng., COWI North America Ltd.</b>  Maintaining Traffic on Edmonton Bridge During Replacement Using Gantry Cranes  9:55 am - 10:40 am <b>Tao Yong, M.Eng., P.Eng., and Hossein Azimi, Ph.D., P. Eng., PMP, WSP</b>  Graves Bridge High Load Damage Repair in Calgary	
10:40 am – 11:00 am	<b>Coffee Break &amp; Tradeshow Roam</b>					Room: Hall D and Foyer
11:00 am – 12:00 pm	<b>Plenary E</b> - Closing Keynote <b>Nora Young, Host of CBC Radio's SPARK   Author of The Virtual Self</b>					Room: Hall D
12:00 pm - 1:00 pm	Closing Remarks, Tradeshow Announcements and Lunch					

