



CEA's Transportation Connects Alberta Conference

Program at a Glance
 Edmonton Convention Centre
 *Program subject to change

| Sunday, March 10, 2024 | | | | | | |
|------------------------|---|--|--|--|--|-------------------------|
| 4:00 pm – 6:00 pm | Registration Desk Open - Exhibitors Only | | | | | |
| 4:00 pm – 8:00 pm | Tradeshow Set-Up | | | | | Room: Hall D and Foyer |
| 7:00 pm – 9:30 pm | Registration Desk Open | | | | | |
| 7:00 pm | Pre-Conference Mixer | | | | | Room: CRAFT Beer Market |
| Monday, March 11, 2024 | | | | | | |
| 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 | | | | | |
| 8:30 am – 9:30 am | CEA President Opening Remarks - Jason Maurer, CEA President Conference Opening and Welcome - Sheldon Hudson, Master of Ceremonies Plenary A - Alberta.....Connecting the Dots Angus Watt, Senior Wealth Advisor - National Bank Financial | | | | | Room: Hall D |
| 9:30 am - 10:00 am | Coffee Break and Tradeshow Room | | | | | Room: Hall D and Foyer |
| 10:00 am - 10:45 am | Plenary B - Issues, Threats and Opportunities in Cargo Handling. How are we Responding? Chris Miles, Chief Operating Officer - City of Calgary Airport Authority Trevor Caswell, Manager, Demand & Product Development (Cargo) - Edmonton Airports Robert Harper, President - Alberta Motor Transport Association <i>*Followed by a short panel discussion and Q&A*</i> | | | | | Room: Hall D |
| 11:00 am – 12:00 pm | Session I: Bridges Room: Salon 8 Moderator: Tara Alexander 11:00 am- 11:30 am Neil Robson, P.Eng. - DIALOG; Graeme Johnston, P.Eng. - DIALOG <i>Bridges to Conservation: Highway 1 Wildlife Overpass Design and Construction</i> 11:30 am- 12:00 pm Andrew Neilson, M.Sc., P.Eng. - Morrison Hershfield; Cooper Warrington, B.Eng., E.I.T. - Morrison Hershfield <i>Meeting Nature at the Confluence: Smith Crossing Pedestrian Bridge Replacement</i> | Session II: Active Transportation Room: Salon 9 Moderator: Rene Rosvold 11:00 am- 11:30 am Amy Hunter, P.Eng., PTOE - PBX Engineering <i>Innovative Traffic Signal and Lighting Design for Cyclist Safety</i> 11:30 am- 12:00 pm Daniel Zeggelaar, P.Eng., PTP, PTOE, RSP1 - ISL Engineering and Land Services; Satya Gadidasu, P. Eng. - City of Edmonton <i>Rossdale Transportation Network</i> | Session III: Geo-Technical Room: Salon 10 Moderator: Warren McKay 11:00 am - 11:30 am Jose Pineda, M.Eng., P.Eng. - Thurber Engineering; Tarek Abdelaziz, Ph.D., P.Eng. - Thurber Engineering <i>Baptist Creek Bridge Landslide - Design and Construction of Remedial Measure</i> 11:30 am - 12:00 pm Iain Gidley, M.Sc., P.Eng. - Thurber Engineering <i>Geo-Technical Discussion on Bridge Foundation Reuse</i> | Session IV: Active Transportation Room: Salon 11 Moderator: Fred Greenhough 11:00 am - 11:30 am Jennifer Esler, B.A. - ISL Engineering and Land Services; Becky Redford, PMP - City of Edmonton <i>More than Rehabilitation of Roads and Sidewalks - Using Community Feedback to Build Great Neighbourhoods</i> 11:30 am - 12:00 pm Courtney Nguyen, B.A. - V3 Companies of Canada; Neal LaMontagne, RPP, CIP - University of Alberta <i>Addressing Equity Through Winter City Design</i> | Session V: Environmental Room: Salon 12 Moderator: Todd Simenson 11:00 am - 11:30 am Jason Miller, P.Eng. - Kerr Wood Leidal Associates <i>Highway 8 Hydrotechnical Emergency Response</i> 11:30 am - 12:00 pm Paul Maciejowski, C.E.T. - Stantec Consulting; Kevin Zeggil - Pidherney's Inc. <i>Reach 11 - Flood Mitigation Design/Construction in Fort McMurray</i> | |
| | Concurrent Workshop Sessions | | | | | |
| | 12:00 pm – 1:00 pm | Lunch & Tradeshow Room | | | | |

| | | |
|-------------------|---|------------------------|
| 1:00 pm - 3:00 pm | <p>Plenary C - Alberta Transportation and Economic Corridors Department Update Bryce Stewart, M.Sc., Deputy Minister Ranjit Tharmalingam, P.Eng., Assistant Deputy Minister, Planning Procurement & Technical Standards Tom Loo, P.Eng., Assistant Deputy Minister, Construction and Maintenance Division</p> <p>City of Edmonton Update Craig Walbaum, M.Sc., P.Eng., Acting Deputy City Manager</p> <p>City of Calgary Update Ryan Vanderputten, P.Eng., M.Eng., MBA., Chief Engineer, Director Business & Engineering Services</p> | Room: Hall D |
| 3:00 pm - 3:30 pm | Coffee Break & Tradeshow Roam | Room: Hall D and Foyer |

| | Forum 1: Bridges Room: Salon 8 Moderator: Randy Mendoza | Forum 2: Project Delivery Room: Salon 9 Moderator: Chris Delanoy | Forum 3: Transit and Rail Room: Salon 10 Moderator: Kelly Yuzdepski | Forum 4: Environmental Room: Salon 11 Moderator: Todd Simenson | Forum 5: Roadways Room: Salon 12 Moderator: Greg Bulych |
|--|---|---|--|--|---|
| 3:30 pm - 5:00 pm Concurrent Breakout Forums | 3:30 pm - 4:00 pm Andrew Boucher, P.Eng. - Stantec Consulting <i>Twinning of Stoney Trail's Bow River Bridge in NW Calgary</i> 4:00 pm - 4:30 pm Ray Wilcock, FCPA, FCMA, B.Comm., DSC - Corrugated Steel Pipe Institute; Ron Prychitko, P.Eng., - Armtec <i>Rehabilitation of Buried Bridges, Culverts & Storm Sewers</i> 4:30 pm - 5:00 pm Mitchell Schutta, P.Eng. - City of Edmonton; Ryan Teplitsky, P.Eng. - City of Edmonton <i>Discussing Edmonton's Oldest River Crossing Connection ...a tale 124 years in the making...</i> | 3:30 pm - 4:00 pm Ryan Teplitsky, P.Eng. - City of Edmonton <i>Construction Consultant General Contractor Project Delivery Model</i> 4:00 pm - 4:30 pm Aura Robinson, B.Sc., LEED AP, GSC. - ISL Engineering and Land Services <i>Integrated Project Delivery (IPD)</i> 4:30 pm - 5:00 pm Magdalena Cammidge, CIP, CCIB, CRM - Lloyd Sadd <i>Design Professional Project Risk Analysis</i> | 3:30 pm - 4:00 pm Mona Ahmadi, Ph.D. Student in Transportation Engineering - University of Alberta <i>Enhancing Canadian Railway Safety: Insights From Positive Train Control (PTC) System Implementation</i> 4:00 pm - 4:30 pm Jack Niepsuj, P.Eng. - CIMA Canada Inc. (CIMA+) <i>Addressing Existing Traffic Issues with Rapid Transit</i> 4:30 pm - 5:00 pm Georg Josi, P.Eng., IngDipl., Ph.D., - DIALOG; Po Sun, M.Eng., P.Eng. - City of Edmonton <i>Behind the Scenes: An Inside Look at Valley Line LRT</i> | 3:30 pm - 4:00 pm Richard Simpson, RPF, M.Sc. - Associated Engineering <i>Changing Environmental Requirements on Transportation Projects</i> 4:00 pm - 4:30 pm Beke Brinkmann, M.Sc., R.P. Bio., P.Biol., - WSP <i>Animal Vehicle Collision (AVC) Study Mitigations</i> | 3:30 pm - 4:00 pm Mitch Liddell, GIT. - Tetra Tech Canada <i>Building the Future of GPR Exploration in Alberta</i> 4:00 pm - 4:30 pm Julian Macdonald, P.Eng. - Alberta Transportation and Economic Corridors <i>Development of a Functional Classification System for Alberta Highways</i> 4:30 pm - 5:00 pm Hussien AL-Battaineh, Ph.D., P.Eng., CVS® - EHAN Engineering; Steven Hulsman, B.A.Sc.(GIS), B.Tech. - Rocky View County <i>Optimizing Grading Deployment for Gravel Roads in Rocky View County</i> |

| | |
|-------------------|---------------------------------|
| 5:30 pm - 6:00 pm | Cocktail Reception & Networking |
|-------------------|---------------------------------|

| | |
|---------|-----------|
| 6:00 pm | Reception |
|---------|-----------|

| | |
|--|--|
| | 6:00 pm - 6:30 pm Welcome 6:30 pm - 7:45 pm Banquet 7:45 pm - 9:00 pm Honourable Devin Dreesen Address Presentation of the Minister's Awards for Transportation Innovation Presentation of the Transportation & Economic Corridors 2024 Partnering Awards |
|--|--|

| Tuesday, March 12, 2024 | | | | | | | |
|--|--|---|---|---|---|--------------|------------------------|
| 7:30 am – 1:30 pm | Registration Desk Open | | | | | Room: Hall D | |
| 7:30 am – 8:30 am | Delegate Breakfast & Tradeshow Roam | | | | | | |
| 8:00 am – 12:00 pm | Tradeshow | | | | | | |
| 8:00 am – 9:00 am | Plenary D - Revolutionizing Transportation: AI-Powered Digital Delivery in AEC Keith Warren, Regional Transportation Executive - Autodesk | | | | | Room: Hall D | |
| 9:10 am – 10:40 am Concurrent Breakout Forums | Forum 1: Roadways Room: Salon 8 Moderator: Mark Roen | Forum 2: Bridges Room: Salon 9 Moderator: Tara Alexander | Forum 3 - Project Delivery Room: Salon 10 Moderator: Greg Bulych | Forum 4 - Innovation in Transportation Room: Salon 11 Moderator: Fred Greenhough | Forum 5: Active Transportation Room: Salon 12 Moderator: Warren McKay | | |
| | 9:10 am - 9:40 am Sinclair Slusariuc, P.Eng., MBA, PMP, CRM - T2 Utility Engineers; Laurie LeBlanc, P.Eng. - T2 Utility Engineers <i>The ASCE 38-22 and Alberta Transportation Utility Coordination Process Manual Applied to the Deerfoot Trail Improvements Project</i> | 9:10 am - 9:40 am Andres Capobianco E.I.T. - Dillon Consulting; Jay Lawrence, R.S.E. - EllisDon <i>The Art of Innovative Bridge Rehabilitation</i> | 9:10 am - 9:40 am Will Eisbrenner, PMP, M.Sc. - Binnie Consulting Ltd. <i>Alternate Approaches to Risk Workshops and Risk Management on Transportation Projects</i> | 9:10 am - 9:40 am Derek Loo, P.Eng. - GeoVerra <i>Optimizing Mobile Mapping Workflow by Implementing Deep Learning for Transportation Asset Management Projects</i> | 9:10 am - 9:40 am Alana Getty-Somers, P.Eng. - ISL Engineering and Land Services <i>17 Ave Stampede LRT Crossing - Construction Nearly Done!</i> | | |
| | 9:40 am - 10:10 am Dominic Cheng, P.Eng. - ISL Engineering and Land Services; Drew Radfelder, E.I.T., - ISL Engineering and Land Services <i>Hwy 1A/22 - Looped Up on the Ranche Lands</i> | 9:40 am - 10:10 am Abul Rafiqzaman, Ph.D., P.Eng. - Parsons; Devon Moore, P.Eng. - City of Calgary <i>Jaipur Pedestrian Bridge</i> | 9:40 am - 10:10 am Brian Maksymetz, P.Eng. - Better Projects Incorporated <i>Optimizing Projects Which Use Design-Bid-Build or Construction Management</i> | 9:40 am - 10:10 am Suliman Gargoum, P.Eng. - Nektar 3D Consulting Inc. <i>Full Utilization of Mobile LiDAR and AI on the City of Edmonton's Valley Line West LRT Expansion Project: Beyond and Alternative to Traditional Survey</i> | 9:40 am - 10:10 am Carolyn Sherstone, P.Eng., RPP, MCIP - WSP; Christopher Wintle, P.Eng., PMP - City of Edmonton <i>Planning the Rapid Implementation of Active Transportation Infrastructure in Edmonton</i> | | |
| | 10:10 am - 10:40 am Paul Chan, P.Eng., M.Sc. - Invistec Consulting <i>Comprehensive Interchange Operation Analysis Program</i> | 10:10 am - 10:40 am Steven Oosterhof, Ph.D., P.Eng., P.E., S.E. - DIALOG; Graeme Johnston, M.Sc., P.Eng. - DIALOG; Sheldon Twizell, M.Sc., E.I.T. - DIALOG <i>Spanning Challenges: Designing the Wapiti River Bridge</i> | 10:10 am - 10:40 am Josh Workman, P.Eng., RSP1 - Stantec Consulting; Colin Chapman, P.Eng., PMP - City of Calgary <i>Marda Loop Main Streets - Success Through Creative Team Integration</i> | 10:10 am - 10:40 am Billy Wong, M.Asc., P.Eng. - Stantec Consulting <i>Adoption of 3D Model-Based Design, Digital Delivery, and BIM</i> | 10:10 am - 10:40 Andrew Sedor, RPP, MCIP - City of Calgary <i>City of Calgary: Seasonal Patio Program</i> | | |
| | 10:40 am – 11:00 am | Coffee Break & Tradeshow Roam | | | | | Room: Hall D and Foyer |
| | 11:00 am – 12:00 pm | Plenary E - Closing Keynote - EDI Lessons Learned by the Women in Engineering Summit Claudia Gomez-Villeneuve, P.Eng., M.Eng., PMP, DTM, FEC, FGC (Hon.), Founder - WES (Women in Engineering Summit) Ltd. | | | | | Room: Hall D |
| 12:00 pm - 1:00 pm | Closing Remarks, Tradeshow Announcements and Lunch | | | | | | |