



Transportation Association of Canada



# 2023

## AWARDS

RECOGNIZING OUR PEERS

# EACH YEAR, TAC MEMBERS RECOGNIZE THEIR PEERS WITH A NUMBER OF PRESTIGIOUS AWARDS.

## TECHNICAL ACHIEVEMENT AWARDS

*Recognizing TAC member organizations*

- Active Transportation Achievement Award
- Climate Action Achievement Award
- Educational Achievement Award
- Environmental Achievement Award
- Infrastructure Achievement Award
- Mobility Achievement Award
- Road Safety Achievement Award
- Small Municipalities Achievement Award
- Technology Achievement Award

## YOUNG PROFESSIONAL & STUDENT AWARDS

*Recognizing emerging members in transportation*

- Young Transportation Professional Award
- Allan Widger Consulting Corporation Grant for Young Geotechnical Engineers in Transportation
- Student Paper Awards

## VOLUNTEER RECOGNITION AWARDS

*Recognizing volunteers on TAC councils and committees*

- Distinguished Service Award
- Leadership Award
- Individual Contribution Award
- Committee Excellence Award

## IN RECOGNITION

*Acknowledging outgoing volunteer leaders*

- President's Award
- Outgoing Board Members
- Outgoing Chairs



# TECHNICAL ACHIEVEMENT

## ACTIVE TRANSPORTATION

*This award recognizes initiatives that demonstrate excellence in the improvement of facilities or services to encourage and benefit people who walk, bike or use other forms of active transportation.*

### CITY OF OTTAWA, ON

IN PARTNERSHIP WITH ROBINSON CONSULTANTS INC.

#### MONTREAL ROAD REVITALIZATION

This reconstruction of a two-kilometre main street in an historic neighbourhood significantly improved the safety, functionality, and attractiveness of active travel. A four-lane arterial road with substandard pedestrian facilities and no designated cycling facilities was converted to a three-lane cross section with protected intersections, raised cycling tracks in both directions, improved sidewalks, and peak-period transit priority. Three public plazas were built at side streets with pre-existing midblock closures, and streetscaping included new street furniture, bollards, bike racks, waste receptacles, pedestrian level lighting, tree plantings and transit shelters.

The project's design integrated numerous elements that recognize the area's Franco-Ontarian and Indigenous communities.



## CLIMATE ACTION

*This award recognizes initiatives that demonstrate excellence in mitigating emissions from transportation that cause climate change, and/or in improving the resiliency of transportation systems in response to climate change.*

### BRITISH COLUMBIA MINISTRY OF TRANSPORTATION & INFRASTRUCTURE

IN PARTNERSHIP WITH MCELHANNEY LTD.

#### CULVERT VULNERABILITY ASSET MANAGEMENT SYSTEM

Culverts of all sizes are vital to protecting road infrastructure in the face of severe rainfall. Following the unprecedented flooding of 2021, British Columbia's Ministry of Transportation and Infrastructure developed a new Culvert Vulnerability Asset Management System to identify the most at-risk culverts across the province. This web-based application uses information on infrastructure, physiography, climate change, hydrometrics, transportation patterns, and environmental values to determine each culvert's vulnerability rating based on projected flows, hydraulic capacity, and consequence factors.

The system allows the use of different climate change scenarios to project flows, as well as flexible socio-economic, environmental, and public health and safety criteria to describe the consequences of culvert failure.





# TECHNICAL ACHIEVEMENT

## EDUCATIONAL

*This award recognizes initiatives that demonstrate excellence in the use of education or training to improve individual skillsets and/or organizational practices.*

### CITY OF EDMONTON, AB

IN PARTNERSHIP WITH EMPOWER ME AND ELECTRIC VEHICLE ASSOCIATION OF ALBERTA

#### ELECTRIC AND HYDROGEN VEHICLE EXPO

Edmonton's Electric and Hydrogen Vehicle Expo was a free two-day public event in September 2022 that gave area residents an opportunity to learn about and experience zero-emission vehicles. This innovative event offered an accessible, inclusive, and immersive educational experience in a comfortable environment. It featured interactive exhibitor booths, electric and hydrogen buses, an education stage, electric vehicle test drives, a micromobility test track, and a family zone activity area. Attendees were exposed to new and emerging technologies, heard from industry experts, learned about emerging career paths, and spoke with electric vehicle owners about their experiences. The Expo featured 40 exhibitors, 20 speakers, 14 'EV 101' workshops, and attracted 5,913 participants.



## ENVIRONMENTAL

*This award recognizes initiatives that demonstrate excellence in the protection and enhancement of the natural environment through transportation projects.*

### ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS

#### ALBERTA WILDLIFE WATCH

Animal-vehicle collisions (AVCs) on Alberta's rural highways account for 60% of all collisions, with \$300,000 in daily costs. Manual data collection on AVCs is slow and unreliable, making it hard to understand and prevent AVCs. The Alberta Wildlife Watch (AWW) includes a mobile app for fast and accurate collection of data on animal carcass and live sightings, a website tool to identify and prioritize collision-prone locations, standard processes and designs for mitigations, and the ability to monitor and maintain those mitigations. AWW has now been used to identify 79 statistically significant AVC-prone locations of highest concern, and has enabled the delivery of capital works to improve safety for motorists and reduce the impact of highways on wildlife.





# TECHNICAL ACHIEVEMENT

## INFRASTRUCTURE

*This award recognizes initiatives that demonstrate excellence in the use of best practices to deliver safe, durable and efficient transportation infrastructure, with a focus on major road, highway and urban transportation assets.*

### CITY OF KINGSTON, ON

IN PARTNERSHIP WITH HATCH, SYSTRA IBT AND PETER KIEWIT AND SONS

#### KINGSTON THIRD CROSSING (WAABAN CROSSING)

The Waaban Crossing is a new \$180-million, 1.2-kilometre bridge across the Cataraqui River that connects previously divided communities, improves transit and active transportation, provides a new emergency detour route, and reduces motorist travel times by up to 40%. Optimization work in the design phase led to notable improvements including a six-metre reduction in pier height, halving of the in-water footprint, and \$12 million in material savings. The project represents the first use of an integrated project delivery model for a bridge crossing in North America, which enabled the client to partner with its engineers and contractors to share risks and rewards, and deliver the best possible crossing within the budget.



## MOBILITY

*This award recognizes initiatives that demonstrate excellence in the delivery of integrated or multimodal mobility for people and goods, while reinforcing the social, economic and environmental pillars of sustainability.*

### CITY OF CALGARY, AB

IN PARTNERSHIP WITH GROUND CUBED AND URBAN SYSTEMS LTD.

#### CRESCENT ROAD N.W. MASTER PLAN

This plan for long-term improvements to Crescent Road N.W., an iconic street on a bluff over the Bow River, successfully balances goals for living, recreation, celebration, mobility, safety and strengthening natural connections. It evolved from a typical transportation study into a multi-disciplinary public space project by engineers, planners, landscape architects, and communication and cultural specialists. The plan enhances walking and cycling facilities, includes a raised block linking a local park to the bluff, adds numerous traffic calming elements, and incorporates initiatives that respond to the Truth and Reconciliation Commission of Canada's Calls to Action by commemorating the area's history – a new approach for Calgary that involved engagement with Indigenous Elders from four Nations.



# TECHNICAL ACHIEVEMENT

## ROAD SAFETY

*This award recognizes initiatives that demonstrate excellence in the application and advancement of road safety engineering practices.*

### BRITISH COLUMBIA MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE

IN PARTNERSHIP WITH THE INSURANCE CORPORATION OF BRITISH COLUMBIA

#### HIGH FRICTION SURFACE TREATMENT AT SIGNALIZED INTERSECTIONS

High friction surface treatment (HFST) involves the spot application of a thin layer of durable, high-friction aggregates on a polymer resin binder. It reduces crashes by enhancing skid resistance at high-conflict locations where vehicles brake excessively, and at locations with horizontal curves or vertical grades.

In 2018 and 2019, the Ministry of Transportation and Infrastructure implemented automated, computer-controlled machine HFST applications (believed to be the first in Canada) at ten intersections. Rigorous before-and-after statistical analysis of the treatment sites found reductions of 64% in collisions in wet conditions, 57% in rear-end collisions, and 51% in serious collisions overall, with an estimated 25 serious collisions prevented to date.



## SMALL MUNICIPALITIES

*This award recognizes initiatives that demonstrate excellence in the use of best practices to improve transportation system performance in rural or small urban communities, with a principal focus on road safety and traffic operations.*

### CITY OF SELKIRK, MB

#### EVELINE STREET RECONSTRUCTION

The full reconstruction of seven blocks of Eveline Street, completed in 2022, supports Selkirk's strategies for downtown renewal, climate change adaptation, active transportation, and street trees. The historic route now features accessible and pedestrian-friendly design, silva cells and stormwater capture to support new trees, a two-way multi-use pathway, the city's first roundabout, rationalized access points, improved lighting, and other amenities. Despite the challenges of the pandemic, extensive public engagement helped overcome community concerns and led to design improvements.





# TECHNICAL ACHIEVEMENT

## TECHNOLOGY

*This award recognizes initiatives that demonstrate excellence in the use of advanced technologies to address road, highway or urban transportation challenges.*

### BRITISH COLUMBIA MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE

IN PARTNERSHIP WITH PBX ENGINEERING

#### AUTOMATED AVALANCHE DETECTION SYSTEM ON HIGHWAY 37A

Highway 37A features 72 active avalanche paths in the Bear Pass zone. The Automated Avalanche Detection System (AADS) – a first in North America – improves forecasting, accelerates responses, reduces closures, and improves safety by delivering real-time avalanche monitoring and alert notifications 24/7 in all weather conditions. AADS includes two radar stations and a radio link station, scans 10 avalanche paths up to five kilometres away, and detects snow mass movements in real time and any visibility.

Automated alerts describe an event's location, size and speed (including photos during the day) and allows an immediate response. In its first six months of operation, AADS counted more than 1,200 avalanche events – many of which previously would have been recorded inaccurately, or not at all.



# VOLUNTEER RECOGNITION

## DISTINGUISHED SERVICE

*This award is TAC's highest honour. It recognizes leaders who have had a tangible and enduring impact on the association's progress toward its vision and mission, and thereby on Canada's transportation sector. Recipients have contributed actively to TAC councils and committees for at least 15 years, among their 25 years or more of industry experience.*

### SCOTT STEWART | ARCADIS IBI GROUP

Scott graduated from Civil Engineering at the University of Waterloo with an interest in transportation and traffic control systems. After several years in government roles, he joined IBI Group in 1978 and quickly emerged as a leader in the new field of intelligent transportation systems (ITS). After supporting Canada's first ITS project on the Burlington Skyway, Scott helped expand IBI Group's technology practice across Canada and internationally. He took over as the firm's Chief Executive Officer in 2013, with a focus on operational management and execution. The firm was acquired in 2022 and it now operates as Arcadis IBI Group.

Scott has been a member of TAC's Board of Directors since 2009, including three years as Treasurer and as Vice President, Members-at-Large. In that leadership role, Scott provided advice and shared wisdom instrumental to TAC's growth and value proposition for members. He has been a committed champion of the benefits of technology and was a driving force behind the creation of TAC's Technology Council in 2019 as well as its founding Chair. Scott also serves on the Board of Directors of the TAC Foundation where he promotes and generously supports the charity's scholarship and internship programs. With ITS Canada he was Chair and CEO from 2011 to 2013, a Board member for over a decade, and the organization's Distinguished Member of the Year in 2018.

Scott is a visionary and natural leader, and his service to TAC and the transportation sector in Canada and beyond has indeed been distinguished. His passion for leveraging technology to build a brighter future is unrivalled, and his volunteer leadership and commitment have helped ensure TAC's financial health and the ongoing relevance of its technical work.





# VOLUNTEER RECOGNITION

## LEADERSHIP

*This award recognizes individual volunteers who have provided continuous, effective leadership during 10 or more years of active participation on TAC councils and committees, and who have earned a reputation among other TAC volunteers for their dedication, collaboration, knowledge and integrity.*



### **ANIA ANTHONY** | SASKATCHEWAN MINISTRY OF HIGHWAYS

Ania has served on the Executives of the Pavements Committee and the Soils & Materials Committee (including as Chair from 2016 to 2018), and as an active member of the RAP Working Group, Low-Carbon LCA Working Group, Pavement Design Materials Working Group, and Mechanistic Empirical Pavement Design Subcommittee.

She has been a member of six pooled-fund project steering committees, acting as Chair or Co-Chair of projects on evaluating soil and material stabilization products, bridge surfacing with asphalt mixes, and load management for weak pavement structures. She has also chaired or facilitated ten conference technical sessions, and co-led the development of a volunteer discussion paper on the impact of wide-base tires on Canadian flexible pavements.

In her many volunteer roles, Ania is an effective advocate for the responsible use of road materials as well as high-quality road design, construction and management, and she actively encourages innovation and inter-agency collaboration in the pursuit of quality and long-term road performance.



### **ROB HIRD** | NOVA SCOTIA PUBLIC WORKS

Rob has been an active member of the Traffic Operations & Management Committee (TOMC) for 15 years, with several years on the Executive including as Chair in 2015-2016. He has served on nine pooled-fund project steering committees, including as Chair or Co-Chair of projects on the *Canadian Guide to Traffic Calming, Second Edition* and the *Manual of Uniform Traffic Control Devices, Sixth Edition*.

Rob has been a dynamic member of numerous TOMC volunteer projects, serving as Chair of projects on signs related to agricultural vehicles, tent camping and roundabout lane designation, and supporting 13 other projects related to signs, signals and pavement markings. In addition, he has reviewed applications for TAC's Road Safety Achievement Award, coordinated TAC Conference sessions in 2013 and 2014, and worked on the Local Organizing Committees for conferences in Halifax in 2010 and 2019.

Rob's decades of practical, operations-based professional experience allow him to provide reliable guidance on projects and in committee meetings. He enjoys the opportunity to collaborate with peers on solutions that advance the state of practice and address challenges within his own agency.



### **DR. JONATHAN REGEHR** | UNIVERSITY OF MANITOBA

After joining TAC's Road Safety Standing Committee in 2012, Jonathan volunteered to chair the new Road Safety Professional Subcommittee. In that role, he led development of a report that recommended a new Road Safety Professional (RSP) designation, and he was eventually appointed to the North American steering committee that guided the RSP certification to its 2018 launch. As part of the subcommittee's work, he also led an assessment of road safety engineering education and a synthesis of road safety content in engineering textbooks.

In 2018, Jonathan joined the former Education and Human Resources Development Council (now Workforce Development Council) and became the inaugural Chair of its Education Committee in 2021. In that role, he has built the committee's membership and guided its progress, encouraging the use of TAC publications for instruction and working toward greater student awareness of transportation.

Jonathan actively cultivates a culture of congeniality and collaboration in TAC councils and committees. He has encouraged many young professionals to get involved in TAC, and by doing so has contributed to the strength and future of the organization.

# VOLUNTEER RECOGNITION

## INDIVIDUAL CONTRIBUTION

*This award recognizes individual volunteers who have exhibited notable levels of initiative, creativity, effort and/or technical excellence in contributing to the work of TAC councils or committees over the preceding five years.*



### MIKE PEARSALL

MINISTRY OF TRANSPORTATION, ONTARIO

Mike has volunteered on the Geometric Design Committee since 2015, generously sharing Ontario's experiences with others. On the Revisions & Additions Subcommittee, he has proposed many improvements to the *Geometric Design Guide for Canadian Roads*, including solutions to issues identified by users. He was also instrumental in updating the chapter on interchanges to enhance its national applicability. More recently, he has supported the Active Transportation Integrated Committee in addressing design treatments such as right-turn channels, and the Joint Roundabouts Subcommittee in identifying the need for updates to TAC guidance.



### DENIS ST-LAURENT

MINISTÈRE DES TRANSPORTS ET DE LA MOBILITÉ DURABLE DU QUÉBEC

Denis has been a valued contributor to TAC's Mechanistic Empirical Pavement Design Subcommittee since 2008, and a member of the Pavements Committee and Soils & Materials Committee since 2019. By exchanging information, reviewing papers, and making regular presentations to committee and subcommittee meetings, he has made significant contributions to the improvement of practices related to pavement design, construction, testing and maintenance. Notably, he volunteered over several years in the revision of five chapters of TAC's *Pavement Asset Design and Management Guide*.

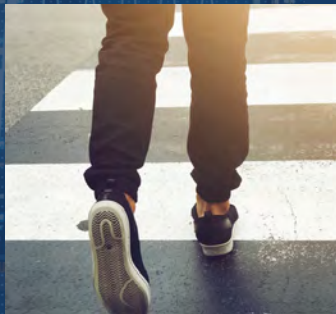


# VOLUNTEER RECOGNITION

## COMMITTEE EXCELLENCE

*This award recognizes excellence and innovation by TAC’s volunteer committees, subcommittees, working groups and project steering committees. Recipient groups have contributed to TAC’s vision and mission through initiatives in the areas of knowledge building, professional development, or member engagement.*

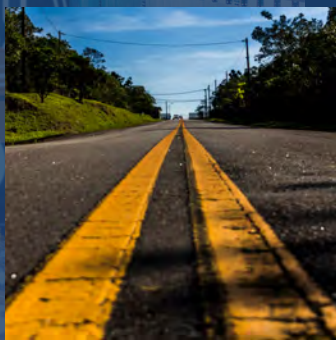
### ROAD SAFETY FOR CANADIAN PRACTITIONERS PROJECT STEERING COMMITTEE



CO-CHAIRS: DAVID FERGUSON, CITY OF HAMILTON (NOW WITH CITY OF BRANTFORD); PEDRAM IZADPANAH, TRUE NORTH SAFETY GROUP

This Project Steering Committee guided the creation of TAC’s first-ever online training program, which was launched in late 2022. With nine representatives from TAC member organizations, four from ITE Canada and one from another partner, the Committee gathered experienced perspectives from coast to coast, Canada’s North, small and large communities, plus all orders of government and the private sector. Its members conducted detailed reviews of the course curriculum and an eventual catalogue of almost 1,200 slides, illustrating their commitment to developing the foremost online road safety training courses available anywhere, for the benefit of Canadian practitioners.

### SOILS & MATERIALS COMMITTEE



CHAIR: SINA VARAMINI, ENGTEC CONSULTING INC.

The Soils & Materials Committee has a rich history with many long-term members. One of its greatest strengths is the ability to attract and retain members from contractors, suppliers, agencies and academic institutions. The Committee organizes informative and well attended conference sessions on established and emerging topics related to soils and materials used in transportation infrastructure. Its volunteers also spend considerable time and energy in organizing multiple technology-focused paper sessions at each TAC conference that leave a legacy of documented knowledge for the wider industry. The Committee has initiated several pooled-fund projects in recent years, and its working group on recycled asphalt pavements has organized an engaging series of lunch-and-learn events.

### VISION ZERO & SAFE SYSTEM SUBCOMMITTEE



CO-CHAIRS: NANCY BADEAU, VILLE DE MONTRÉAL; RAHEEM DILGIR, TRANSFAE CONSULTING INC.; SUZANNE WOO

Over three years since being created by the Road Safety Committee, the Vision Zero & Safe System Subcommittee has delivered on its commitment to advance a new paradigm for road safety in Canada. Its volunteers have organized presentations at Road Safety Committee meetings and technical sessions at each TAC conference, including the best-attended workshop of 2022 in Edmonton. The Subcommittee has also undertaken a constructive review of TAC publications with respect to Safe System concepts and made presentations to nearly all TAC committees and councils. Most notably, its volunteer members invested more than 300 hours in a survey and synthesis of Vision Zero and Safe System practices in Canada, and another 125 hours in writing a primer on the subject that was recently converted to a formal TAC publication.

# YOUNG PROFESSIONAL & STUDENT

## YOUNG TRANSPORTATION PROFESSIONAL

*This award recognizes an employee of a TAC member organization who is 35 years old or less, and who has demonstrated personal accomplishments, industry and professional contributions, and leadership.*

### DR. SULIMAN GARGOUM

UNIVERSITY OF BRITISH COLUMBIA

Suliman is an Assistant Professor of Civil Engineering in the University of British Columbia's Faculty of Applied Science. His research focuses on the use of smart sensing technology for road safety analytics and the informed design and management of transportation infrastructure. After completing Ph.D. and master's degrees in Transportation Engineering at the University of Alberta, he joined Nektar 3D where he translated his doctoral research into commercial applications for transportation infrastructure projects. Since joining UBC in 2021, Suliman has attracted substantial research funding from agencies including NSERC and the National Research Council. He has published more than 40 papers, receiving awards from entities including TAC, ITS Canada, the Transportation Research Board, and the Canadian Society for Civil Engineering. He has also designed and taught multiple courses in transportation engineering including a unique course on the design and management of resilient and sustainable infrastructure, and is consistently rated as a top instructor. Outside of the classroom, Suliman has served as an Interim Chaplain on campus.



## ALLAN WIDGER CONSULTING CORPORATION GRANT FOR YOUNG GEOTECHNICAL ENGINEERS IN TRANSPORTATION

*This grant provides financial support to a young geotechnical engineer who is 35 years old or less with a master's degree and three years of work experience in the transportation field. The grant enables him or her to attend TAC's spring and fall technical meetings, and the annual conference.*

### DR. SARAH BOUCHARD

MINISTÈRE DES TRANSPORTS ET DE LA MOBILITÉ DURABLE DU QUÉBEC

Sarah's educational background is in civil and geological engineering, and her Ph.D. thesis showed that blasting in rock can decrease the stability of nearby clay slopes. She joined Québec's Ministère des Transports et de la Mobilité durable in 2019, where she has worked on geotechnical, slope stability and settlement studies for highways across the province. She contributes to research, including working to implement the spectral pseudo-static calculation method at the department to evaluate the dynamic stability of clay slopes, a major advance that can simulate the effect of an earthquake without a complete analysis of the slope's dynamic behavior. Sarah is also working on the measurement of shear wave velocity in soils using piezoelectric cells to improve the characterization of soils and the optimization of foundation design, as well as a seismic vulnerability assessment of bridges on the provincial road network to support asset risk management including structural inspections after a major earthquake. She has volunteered with the Canadian Geotechnical Society since joining it as a student and has been elected President of her local section.



## STUDENT PAPERS

*These awards recognize the excellence of papers delivered at TAC's annual conference by full-time post-secondary students, evaluated by members of TAC's Workforce Development Council.*

1st prize: \$500

2nd prize: \$300

3rd prize: \$200

#### **Who Uses Shared Mobility Services?**

Uthpalee Hewage  
University of British Columbia

#### **Using Sensing Technology for Pavement Performance Monitoring – A Case Study in Edmonton, Alberta**

Silas Henrique Barbosa De Carvalho  
University of Alberta

#### **Automated Assessment of Pavement Rutting and Roughness using Mobile LiDAR data**

Ali Faisal  
University of British Columbia



# IN RECOGNITION

## PRESIDENT'S AWARD

*This award recognizes the contributions of each outgoing TAC President, who also chairs TAC's Board of Directors.*

**PAUL MCCONNELL** | FORMERLY WITH YUKON HIGHWAYS AND PUBLIC WORKS

## OUTGOING BOARD MEMBERS

**BOB CREED**  
Prince Edward Island Department of Transportation and Infrastructure

**ANNE-MARIE LECLERC**  
formerly of Ministère des Transports et de la Mobilité durable du Québec

**RAE-ANN LAJEUNESSE**  
formerly of Alberta Ministry of Transportation and Economic Corridors

**SCOTT MILTON**  
Yukon Highways and Public Works

## OUTGOING CHAIRS

*Retiring chairs of TAC councils, standing committees, task forces and project steering committees*

### COUNCILS

**ENVIRONMENT & CLIMATE CHANGE COUNCIL**  
Ethan Askey, City of Calgary

**INFRASTRUCTURE & ASSET MANAGEMENT COUNCIL**  
Jennifer Graham Harkness, Ministry of Transportation, Ontario

**MOBILITY COUNCIL**  
Brian Hollingworth, City of Hamilton

**SAFETY, DESIGN & OPERATIONS COUNCIL**  
Ashley Curtis, City of Toronto

**TECHNOLOGY COUNCIL**  
Jeannette Montufar, MORR Transportation Consulting

**WORKFORCE DEVELOPMENT COUNCIL**  
Sean Nix, Sheridan College

### PROJECT STEERING COMMITTEES

**ACCESS MANAGEMENT: SYNTHESIS OF PRACTICE**  
Matthew Ivany, City of Edmonton

**MOBILITY PRICING IN CANADA: EMERGING OPPORTUNITIES AND CHALLENGES**  
Fearghal King, TransLink

### COMMITTEES

**ACTIVE TRANSPORTATION INTEGRATED COMMITTEE**  
Elizabeth Pugh, Nova Scotia Public Works

**ASSET MANAGEMENT COMMITTEE**  
Gabe Cimini, Stantec Consulting Ltd.

**CLIMATE CHANGE INTEGRATED COMMITTEE**  
Naz Capano, City of Toronto

**CONSTRUCTION COMMITTEE**  
Hector Moreno, Town of Whitby

**DIGITAL APPLICATIONS COMMITTEE**  
Benoit Kroely, Sixense Canada Solution Ltd.

**EDUCATION COMMITTEE**  
Jonathan Regehr, University of Manitoba

**GEOMETRIC DESIGN COMMITTEE**  
Jeff Crang, Tetra Tech Canada Inc.

**HUMAN RESOURCES COMMITTEE**  
Darlene Cleven, Allan Widger Consulting Corporation

**INTELLIGENT TRANSPORTATION SYSTEMS COMMITTEE**  
Edward Stubbing, AECOM Canada Ltd.

**MAINTENANCE & OPERATIONS COMMITTEE**  
Heather McClintock, WSP Canada Inc.

**MOBILITY MANAGEMENT COMMITTEE**  
Rob Poapst, City of Winnipeg

**PAVEMENTS COMMITTEE**  
Richard Korczak, Englobe

**PROFESSIONAL DEVELOPMENT COMMITTEE**  
Janelle Warren, Catalis

**ROAD SAFETY COMMITTEE**  
Rebecca Peterniak, City of Winnipeg

**TRAFFIC OPERATIONS & MANAGEMENT COMMITTEE**  
Winston Chou, City of Vancouver

**TRANSPORTATION FINANCE COMMITTEE**  
Jacquelyn Hayward, City of Toronto

**TRANSPORTATION PLANNING COMMITTEE**  
Mehemed Delibasic, McIntosh Perry Consulting Engineers Ltd.



Transportation Association of Canada

401-1111 Prince of Wales Drive  
Ottawa, ON K2C 3T2

[secretariat@tac-atc.ca](mailto:secretariat@tac-atc.ca)

[www.tac-atc.ca](http://www.tac-atc.ca)

