

2023 OPWA ROW Management Conference

# MAKING THE RIGHT CONNECTIONS



Deer Creek Golf & Banquet Facility  
Wednesday, October 11, 2023

# Welcome From OPWA



On behalf of the Ontario Public Works Association (OPWA), I would like to welcome you to the 2023 Right-of-Way Management Conference. This is our 9th Annual Conference, bringing together industry partners to share current and upcoming technologies and trends in the management of our public road right-of-ways. I am confident that you will find today's sessions and speakers engaging and also encourage you to take advantage of the opportunity to network with industry peers in discussing solutions to our day-to-day challenges in the management of our public right-of-ways. I also want to acknowledge and thank our ROW Management Committee, consisting of volunteer Public Works professionals, who have spent countless hours developing this industry relevant technical conference.

Sincerely,

Brian Barber,  
P.Eng. Executive Director,  
OPWA

# Welcome from ROW Management Chairs

Welcome to the 9th Annual Right of Way Management Conference! On behalf of the Utility Engineering and Survey Institute (UESI) as well as Ontario Public Works Association (OPWA), Right of Way (ROW) Management Committee and Conference Coordination Subcommittee, we welcome you to the 2023 ROW Management Conference. The mission of the ROW Management Committee is to develop relationships as well as share knowledge and best practices on the efficient use and management of public rights-of-way. This Conference is central to the delivery of this important mission.

It is certainly challenging managing the Right of Way in 2023, with more Broadband projects, more Housing projects and more infrastructure for all of us to maintain. With the challenges, we all know there is help out there but knowing who to turn to for each piece of the puzzle can be confusing and time consuming. This year's theme is Making the Right Connections.

We trust that you will leave the conference this year with the right connections in the industry and new solutions to right-of-way management that supports your work and interests.

Please join us in thanking the presenters, sponsors, exhibitors and advertisers for their support of the 2023 ROW Management Conference. Through their support the OPWA and UESI can offer this unique, affordable and engaging event.

Thank you for attending and making the ROW conference a continued success.



**Jeff Hitchcock**  
Education & Training  
Program Manager  
*Ontario One Call*  
[jhitchcock@OntarioOneCall.ca](mailto:jhitchcock@OntarioOneCall.ca)



**Blaine Hunt, P. Eng.**  
Director of Engineering &  
Quality, Canada  
*T2 Utility Engineers*  
[blaine.hunt@t2ue.com](mailto:blaine.hunt@t2ue.com)

# Conference Agenda

Westney Hall 1



7:30 a.m. - 8:00 a.m.	Registration and Breakfast/ Exhibitor Displays Open	
8:00 a.m. - 8:45 a.m.	OPWA Project of the Year Presentation - Taunton Graeme Guthrie, <i>Niagara Region</i>	
9:00 a.m. - 10:00 a.m.	Sessions	<b>MAAs and Beyond: A Municipal Perspective</b> Rob Maclachlan, <i>City of Ottawa</i> John La Chapelle, <i>The Regional Municipality of York</i> Stéphane Émard-Chabot, <i>Sicotte Guilbault LLP</i> Ed Plant, <i>T.E.P. R-O-W Co-ordination Inc.</i>
10:00 a.m. - 10:45 a.m.	Networking Break - Taunton Room	
10:45 a.m. - 11:45 a.m.	Sessions	<b>How to Build Broadband Faster: A City's Experience</b> Rob Merritt, <i>City of Hamilton</i>
11:45 a.m. - 1:00 p.m.	Lunch - Taunton Room	
1:00 p.m. - 2:00 p.m.	Sessions	<b>Ensuring Complete Streets Rather Than Compete Streets</b> Barry Cronkite and Roslyn Lusk, <i>City of Kitchener</i>
2:00 p.m. - 2:30 p.m.	Networking Break - Taunton Room	
2:30 p.m. - 3:30 p.m.	Dedicated Locator Panel - Taunton Room Jeff Hitchcock and Adam Mordaunt, <i>Ontario One Call</i>	

- Taunton Room

Room

**Is this Right of Way *Limit* Accurate?**  
Adam Domagalski,  
*J.D. Barnes Limited*

**Utility Engineering and the Benefits to the Finch West Light Rail Transit (FWLRT) Project**  
Zeeshan Haider,  
*WSP*  
Daniel Jarvie,  
*T2 Utility Engineers*

**Municipalities and Autonomy: Don't Get Left Behind**  
Stephen Oliver,  
*Stantec GenerationAV™*

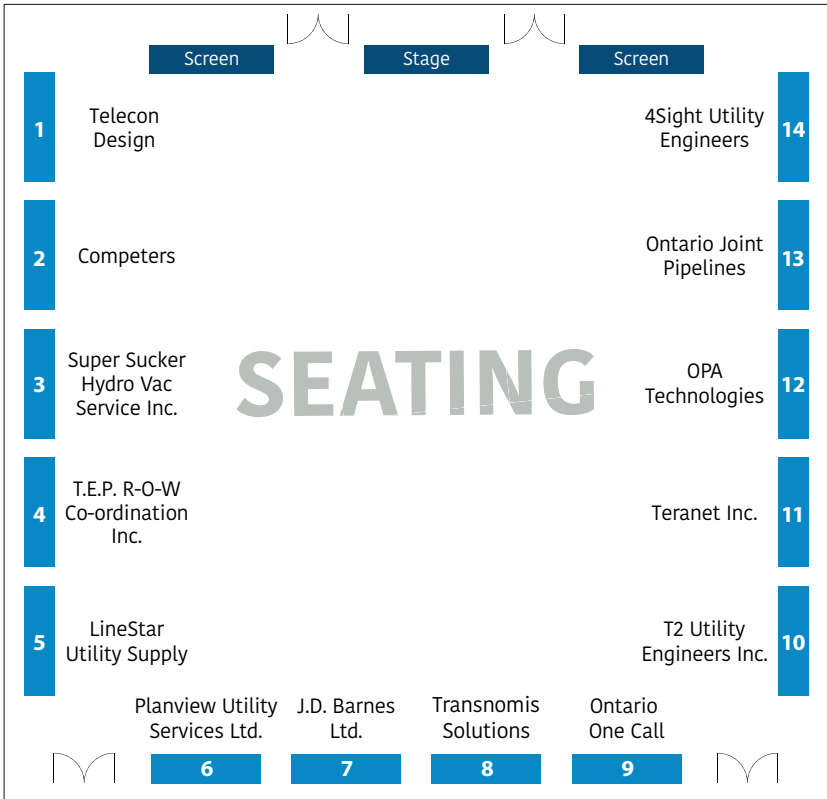
**Aerial Engineering – What do we do?**  
Dan Whitney,  
*Telecon Design Inc.*

**Subsurface Utility Engineering (SUE) Deliverable - Does It Meet ASCE 38-22**  
Lawrence Arcand and Josh Cowan,  
*4Sight Utility Engineers*

**Rights-of-Way as Pollinator Habitat**  
Victoria Woodhouse and Tracey Etwell,  
*Canadian Wildlife Federation*

Steven Crombie, *OSWCA* | Eric Boere, *Halton Region*

# Floor Plan and Exhibitor Directory



1. **Telecon Design**  
 Sharmila Krishna Kumar  
 7777 Weston Road  
 Vaughan, ON L4L 0G9  
 p: (416) 806-1755  
 e: [sharmila.kumar@telecon.ca](mailto:sharmila.kumar@telecon.ca)  
 w: [telecon.com](http://telecon.com)



2. **Competers Inc.**  
 Shane Hart  
 355 Elmira Road North, #115  
 Guelph, ON N1K 1S5  
 p: 1 (877) 395-1122  
 e: [sales@competers.com](mailto:sales@competers.com)  
 w: [competers.com](http://competers.com)



- 3. Super Sucker Hydro Vac Service Inc.**  
Mark Elias  
1343 Sandhill Drive  
Ancaster, ON L9G 4V5  
p: (289) 208-7957  
e: [markelias@bartels-group.com](mailto:markelias@bartels-group.com)  
w: [supersucker.ca](http://supersucker.ca)



- 4. T.E.P. R-O-W Co-ordination Inc.**  
Ed Plant  
2907 Anderson Court S.W.  
Edmonton, AB T6W 2N3  
p: (780) 218-4258  
e: [ed@tepro.com](mailto:ed@tepro.com)  
w: [tepro.com](http://tepro.com)



- 5. LineStar Utility Supply**  
Crystal Bedore  
Unit 1 - 171 Ambassador Drive  
Mississauga, ON L5T 2J1  
p: (416) 557-9522  
e: [crystal@linestar.ca](mailto:crystal@linestar.ca)  
w: [linestar.ca](http://linestar.ca)



- 6. Planview Utility Services Ltd.**  
Liz Neziol  
7270-201 Woodbine Avenue  
Markham, ON L3R 4B9  
p: (365) 292-3552  
e: [liz.neziol@planview.ca](mailto:liz.neziol@planview.ca)  
w: [planview.ca](http://planview.ca)



- 7. J.D. Barnes Ltd.**  
Peter Hettstedt  
140 Renfrew Dr. Suite 100  
Markham, ON L3R 6B3  
p: (905) 477-3600  
e: [phettstedt@jdbarnes.com](mailto:phettstedt@jdbarnes.com)  
w: [jdbarnes.com](http://jdbarnes.com)



8. **Transnomis Solutions**  
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e: [doug@transnomis.com](mailto:doug@transnomis.com)  
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9. **Ontario One Call**  
Jeff Hitchcock  
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Guelph, ON N1C 0A4  
p: (226) 971-2422  
e: [jhitchcock@OntarioOneCall.ca](mailto:jhitchcock@OntarioOneCall.ca)  
w: [OntarioOneCall.ca](http://OntarioOneCall.ca)



10. **T2 Utility Engineers Inc.**  
Laurie LeBlanc  
330-C-04 Taunton Road East  
Whitby, ON L1R 0H4  
p: (905) 706-0284  
e: [laurie.leblanc@t2ue.com](mailto:laurie.leblanc@t2ue.com)  
w: [t2ue.com](http://t2ue.com)



11. **Teranet**  
Michael Franschman  
123 Front Street West, Suite 700  
Toronto, ON M5J 2M2  
p: (416) 659-9236  
e: [michael.franschman@teranet.ca](mailto:michael.franschman@teranet.ca)  
w: [teranet.ca](http://teranet.ca)



12. **OPA Technologies**  
Caroline Arnouk  
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Laval, Quebec H7S 2E4  
p: 1 (855) 583-2672  
e: [c.arnouk@opatech.ca](mailto:c.arnouk@opatech.ca)  
w: [opatech.ca](http://opatech.ca)





13. **Ontario Joint Pipelines**  
Gretchen Gordon  
86 Healey Road,  
Bolton, ON L7E 5A7  
p: (905) 951-4336  
e: [gretchen\\_gordon@tcenergy.com](mailto:gretchen_gordon@tcenergy.com)  
w: [tcenergy.com](http://tcenergy.com)



14. **4Sight Utility Engineers**  
Lawrence Arcand  
12 Nightingale Crescent  
Whitby, ON L1M 0H3  
p: (905) 424-1959  
e: [info@4SightUE.com](mailto:info@4SightUE.com)  
w: [4SightUE.com](http://4SightUE.com)

## Associations

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### Good Roads

**Good Roads**  
1525-22 Cornwall Road  
Oakville, ON L6J 0B2  
p: (289) 291-6472  
e: [info@goodroads.ca](mailto:info@goodroads.ca)  
w: [goodroads.ca](http://goodroads.ca)



**Ontario Public Works Association**  
1525-22 Cornwall Road  
Oakville, ON L6J 0B2  
p: (647) 726-0167  
e: [info@opwa.ca](mailto:info@opwa.ca)  
w: [ontario.apwa.org](http://ontario.apwa.org)



**UESI Canada East Chapter**  
Blaine Hunt (Co-Chair)  
p: (647) 607-2620  
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[blaine.hunt@t2ue.com](mailto:blaine.hunt@t2ue.com)  
w: [uesicanada.org](http://uesicanada.org)

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## St. David's Road Reconstruction

### Session Description

The Region of Niagara undertook the reconstruction of approximately 1.1km of St. David's Road (RR 71), from the Highway 406 interchange to just east of RR56, to implement various transportation improvements as recommended by the 2018 Class EA study. Improvements included upgrading the existing 2-lane semi-urban roadway to a 2-lane urban profile, including addition of a sidewalk and a multi-use pathway for the full length of the project area, construction of bus bays, landscaping / streetscaping, signal modifications at the RR56 intersection, signalization of the Barbican Gate intersection, and illumination improvements throughout the project boundaries. Additionally, underground infrastructure (storm / sanitary sewer as well as distribution / transmission watermain) were also upgraded throughout the project limits, as was the replacement and upgrade of internal works at the Zone 2 standpipe valve chamber on Allanburg Road.

### Session Objectives

- Highlight successes and challenges
- Identify project stakeholders and their involvement (Niagara Region Transportation, Niagara Region Water and Wastewater, City of St. Catharines, and City of Thorold)
- Review project stages



### Graeme Guthrie

Associate Director of Transportation Engineering

*Regional Municipality of Niagara*

[graeme.guthrie@niagararegion.ca](mailto:graeme.guthrie@niagararegion.ca)

Graeme Guthrie is a Manager, Capital Projects Transportation Engineering with the Regional Municipality of Niagara and is responsible for the implementation of the transportation capital works program. Prior to working in the Transportation Engineering Division at Niagara Region Graeme was a Project Manager in Niagara Region's Water and Wastewater Division. He has held various positions throughout his career the Consulting and Municipal sectors including materials testing technician, CAD designer, Project Manager, and most recently Manager of Capital Projects.

**9:00 a.m. to 10:00 a.m. | Westney Hall 1**

## **MAAs and Beyond: A Municipal Perspective**

### **Session Description**

The world of telecommunications in Canada is a very complex one with rapidly changing technology and legislation. The deployment of broadband networks such as Fibre To The Home (FTTH) facilities and the early deployment stages of new wireless technology such as 5G small cell antennas which have been encouraged by the Federal Government and the Provincial Government in Ontario, will result in increased telecommunication activity in all communities across the province. This panel discussion will give a municipal perspective on the current MAA environment, critical topics that shape the development and execution of a MAA, emerging best practices with respect to 5G and navigating through the numerous federal and provincial legislations, CRTC decisions, current MAAs, By-laws and resources such as the FCM handbooks relating to rights-of-way management and 5G wireless technology.

### **Session Objectives**

- To share Subject Matter Experts knowledge and experience in the development and execution of a Municipal Access Agreement

### **Panelists:**

- Rob Maclachlan, *City of Ottawa*
- John La Chapelle, *The Regional Municipality of York*
- Stéphane Énard-Chabot, *Sicotte Guilbault LLP*
- Ed Plant, *T.E.P. R-O-W Co-ordination Inc.*



**Rob Maclachlan, Program Manager**

Right of Way, Heritage, and Urban Design Services | Services des entreprises, du patrimoine, et du design urbain  
Planning, Real Estate and Economic Development | Direction générale de la planification, de l'immobilier et du développement économique  
*City of Ottawa | Ville d'Ottawa*  
[Rob.Maclachlan@ottawa.ca](mailto:Rob.Maclachlan@ottawa.ca)

Rob has worked with the City of Ottawa for 14 years. His first 10 years were spent drafting legislation and advising on planning related laws and policies in the City's Planning Services Area, following which he moved to the City's Right of Way Branch. Rob led the review of the City's Road Activity By-law in the position of Bylaw Review Specialist, and has since served as the Program Manager of the group.



**John La Chapelle MCIP, RPP**

Program Manager, Corridor Control, Roads, Traffic and Fleet, Public Works Dept  
*The Regional Municipality of York*  
[john.lachapelle@york.ca](mailto:john.lachapelle@york.ca)

John La Chapelle has a multidisciplinary career spanning over 28 years in municipal planning, engineering, consulting and corporate municipal relations. John joined the Regional Municipality of York in 2017 leading the Corridor Control section and spent the previous 12 years with Bell Canada leading municipal relations in Ontario. John is also a past chair of the City of Toronto Public Utility Coordinating Committee (TPUCC), a member of the Transportation Association of Canada's Public Utilities Management Sub-Committee, a member of the Canadian Institute of Planners and a Registered Professional Planner in Ontario. number of Ontario municipalities on telecom issues.



## **Stéphane Énard-Chabot, LLP**

*Sicotte Guilbault LLP*

[semard-chabot@sicotte.ca](mailto:semard-chabot@sicotte.ca)

Stéphane practices in the areas of municipal law, commercial litigation, administrative law, and constitutional law with Sicotte Guilbault LLP in Ottawa. Stéphane has represented the Federation of Canadian Municipalities since 2008 and has appeared for FCM before the CRTC, the Court of Appeal for Ontario and the Supreme Court of Canada.

During his career, Stéphane served two terms on Ottawa City Council, was Assistant Dean at the University of Ottawa's Faculty of Law, served as Education Director at the National Judicial Institute, overseeing the education programs for Canada's judges, and is a regular contributor for CBC on municipal issues.



## **Ed Plant**

*T.E.P. R-O-W Co-ordination Inc.*

[ed@tepro.com](mailto:ed@tepro.com)

Ed's career was with the City of Edmonton, leading the Right-of-Way Management unit before retiring in 2015 to form his consulting firm, T.E.P. R-O-W Co-ordination Inc. He is a member of the American Public Works Association's Utilities & Public Right-of-Way sub-committee, the current chair of the Utility Safety Partner's Best Practices Committee, and a technical committee member on 2 CSA Standards. Ed consults with a number of Ontario municipalities on telecom issues.

Since graduating from technical college in 1980, he attended the University of Alberta / Dalhousie University and holds a National Advanced Certificate in Local Authorities Administration Level II.

9:00 a.m. to 10:00 a.m. | Westney Hall 2

## Is this Right of Way *Limit* Accurate?

### Session Description

In the modern world, we tend to expect that digital data presented to us is accurate. This natural expectation carries over to geospatial data, and more specifically – property boundary information. The reality, however, is that those who rely on boundary data – designers, planners, engineers, construction teams, record-keepers, and many others – are regularly forced to make judgement calls based on information that may or may not be accurate.

### Session Objectives

This presentation and discussion will shed light on:

- The different flavours of geospatial boundary datasets that we frequently encounter.
- 'Legal Surveys' and the role of a Licensed Ontario Land Surveyor.
- Through case studies, attendees will be introduced to the dangers of misusing data that may mimic accurate boundary/property information.
- Provide guidelines aimed at limiting and possibly avoiding the dangers altogether.



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### Adam Domagalski O.L.S.

General Manager, Utility Surveys

*J.D. Barnes Limited*

[adomagalski@jdbarnes.com](mailto:adomagalski@jdbarnes.com)

Adam Domagalski is an Ontario Land Surveyor with J.D. Barnes Ltd, a firm that specializes in Land Surveying and Subsurface Utility Engineering. He graduated from York University with a Geomatics Engineering Degree in 2005. After graduation Adam fell in love with the exciting, always changing world of Land Surveying. He was commissioned as an Ontario Land Surveyor in 2009. Adam has been involved in large infrastructure projects, the likes of: highway engineering, pipeline construction, and subway design. He is currently the General Manager of the Utilities Division where his passion for underground infrastructure is put to good use.



**9:00 a.m. to 10:00 a.m. | Coughlan Room**

## **Utility Engineering & the Benefits to the Finch West Light Rail Project**

### **Session Description**

This presentation provides an overview of how Utility Engineering was utilized to address challenges on the FWLRT Project. The presentation will begin with an overview of the geography within the FWLRT project limits. Some of the major utility challenges faced by the project will be identified and discussed along with the applied due diligence measures. The presentation will delve into the technical aspects of the due diligence methods such as engineering standards followed, and the techniques used for accurately mapping subsurface utilities. The presentation will then discuss the steps implemented in mitigating the risks associated with the major utility challenges.

### **Session Objectives**

This presentation will give the audience:

- an in-depth walk-through of the FWLRT project
- a better understanding of the challenges and solutions faced when working in a congested utility corridor which is typical in urban rights-of-way.
- Lessons learned





## **Zeeshan Haider**

Professional Engineer and Technical Director

WSP

[zeeshan.haider@wsp.com](mailto:zeeshan.haider@wsp.com)

Zeeshan is a Professional Engineer and Technical Director with WSP with over 22 years of public and private sectors experience in various areas of Transportation and Infrastructure project delivery including Rail and Transit (GO Expansion, Subways, Light Rail Transit) and Roadway Infrastructure in Ontario, Alberta and Saskatchewan. His experience includes direct involvement in providing leadership and direction focusing project and design management, due diligence, stakeholders and agency consultation, optioneering, design development and approvals, construction and commissioning support services. Zeeshan has been directly involved in providing project delivery services including utilities due diligence, coordination, design development, relocations, baselining and risk management.



## **Daniel Jarvie**

Branch Manager - Whitby

T2 Utility Engineers

[daniel.jarvie@t2ue.com](mailto:daniel.jarvie@t2ue.com)

Daniel has over 11 years experience in the utility industry. He joined T2ue in 2017 as a Project Manager and is now the Branch Manager of T2ue's Whitby office. Daniel is a professional engineer in Ontario and Alberta. In addition to spending quality time with his wife and three children, Daniel enjoys golfing and playing soccer.

10:45 a.m. to 11:45 a.m. | Westney Hall 1

## How to Build Broadband Faster: A City’s Experience

### Session Description

In-depth overview of systems and process developed to deliver an accelerated City-wide broadband deployment within the City of Hamilton.

### Session Objectives

Audience should gain:

- A well rounded understanding of requirements to develop a scalable model for municipal permitting of 3rd party utilities
- Detailed view from municipal side of delivering an accelerated broadband project
- Elements required for municipal permitting, including regulatory, technical, resourcing
- Customized processes and technology to scale permit approvals and construction oversight



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### **Rob Merritt, CET, PMP**

Senior Project Manager, Corridor Management  
Public Works

*Engineering Services, City of Hamilton*

[rob.merritt@hamilton.ca](mailto:rob.merritt@hamilton.ca)



Hamilton

Rob is a Senior Project Manager with the City of Hamilton and has a Transportation Engineering Technology diploma from Mohawk College. Rob has been working with the City for the past 10 years in progressive roles within construction and right-of-way management. He currently oversees all aspects of permitting, including access agreements, policy and 3rd party construction oversight within municipal rights-of-way. Rob has extensive experience in project management, continuous improvement and various service delivery models for private and public projects.

10:45 a.m. to 11:45 a.m. | Westney Hall 2

## Municipalities and Autonomy: Don't Get Left Behind

### Session Description

Autonomous vehicle (AV) technologies are rapidly advancing municipalities. While the capabilities of the technology is still evolving, along with how to apply it safely and in areas where it might have the most impact, there is little doubt these solutions will play a significant role in shaping how our communities move around. Thinking early and holistically about a technology-enabled customer experience can help municipality and road authority decision-makers reap the benefits of AVs for their customers and communities. Integrating AVs into our existing mobility networks can significantly enhance the customer experience by filling service and first/last mile gaps and providing flexibility through on-demand capabilities. Before integrating, it's important to understand and evaluate the necessary actions to prepare the infrastructure for autonomy.

### Session Objectives

Attendees will gain an understanding:

- Of AV technologies available now and in the future
- Learn the steps necessary for an effective AV deployment in municipalities



### Stephen Oliver

Smart(ER) Mobility, Practice Lead (Canada)

Stantec GenerationAV™

[stephen.oliver@stantec.com](mailto:stephen.oliver@stantec.com)

Stephen brings a specialized focus on multi-modal transportation planning, combining the fields of transportation, land use, and urban design to create an environment that supports user choice, livability and safety for all ages and abilities. His background in Smart Mobility leverages a refined understanding of these technologies, connectivity, and future trends to define future transportation options. His work caters to the roll of autonomy in the transportation sectors projecting how that has the potential to change the urban experiences. Stephen works across practices to create more livable, choice-based transportation environments.



## Aerial Engineering – What do we do?

### Session Description

Why is Aerial Engineering or Pole Line Analysis services required? The rapid expansion of fiber services to underserved communities, due to government funding programs, has demonstrated that there is need to use the existing utility poles as the infrastructure to effectively deliver the new fiber services. As a faster and possibly more economical solution than underground installations, aerial engineers and designers have a responsibility to the public, as well as our customers, to utilize our expertise to provide efficient, economical and safe designs.

### Session Objectives

This presentation will provide attendees with:

- a better understanding of the process steps/stages of Aerial Engineering,
- an introduction to some of the relevant codes and standards that regulate new attachments to utility poles.



**Dan Whitney**  
Sr. Engineering Manager  
*Telecon Design Inc.*  
[dwhitney@telecon.ca](mailto:dwhitney@telecon.ca)



Dan Whitney, a licensed professional engineer, in the province of Ontario, has been an employee of Telecon since January of 1997, and has enjoyed a career of 26 plus years in the telecom field. This longevity has allowed me to experience a broad array of challenges, and new technologies within the growth of the Telecom sector. During my time with the Telecon Group of companies, I have held several key leadership roles from Site Supervisor, Project manager to Operations Manager. For the last two years, I have been in the role of Senior Manager of Engineering, where I lead two knowledgeable, and energetic teams within the Telecon, Aerial and Tower Engineering. I have been fortunate enough to have had the opportunity to work with several highly dedicated and skilled people throughout my years in Telecom, that helped shape my career.

# Congratulations to our 2023 scholarship recipients



Three recipients were each awarded a \$1,000 scholarship to assist their pursuits of academic excellence in the public works field.



**Zoë Jeurond**  
*attending*  
Carleton University,  
Ottawa



**Ali Abdulrazzaq**  
*attending*  
Seneca College,  
Toronto



**Ryanna Kwok**  
*attending*  
University of Ottawa,  
Ottawa

## ROW Management Conference recognizes the following organizations for their continued support



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**ALECTRA UTILITIES**  
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**1:00 p.m. to 2:00 p.m. | Westney Hall 1**

## Ensuring Complete Streets Rather Than Compete Streets

### Session Description

The ‘Complete Streets’ approach to design concept has been gaining popularity in cities around the world over the past 20+ years. Complete streets are intended to be safe, comfortable, and convenient for all forms of transportation, all ages and abilities. Complete streets strive to contribute to advancing sustainability, health, and economic development goals.

Complete Streets designs incorporate many treatments and approaches used to animate the public realm and encourage people to actively use right of way space rather than just as a method to travel by car from one place to another. Treatments and approaches used in Complete Streets design include street furniture, landscaping, and wide shared-used pathways. These treatments ‘compete’ for space within the right of way and significantly impact maintenance activities; particularly in winter conditions when snow storage is limited.

### Session Objectives

This presentation will seek to:

- share the City of Kitchener’s philosophy for Complete Streets design
- share real life challenges related to year-round maintenance of Complete Street design
  - » impacts to core service delivery and emergency services
  - » need to enhance regular maintenance activities
  - » need to increase snow removal resources
  - » need to modify fleet to be more compact and flexible
- share lessons learned
  - » collaboration is key between design staff and operating divisions
  - » appropriate funding is required: the operating budget needs to support capital design
  - » customer service experience



**Barry Cronkite, C.E.T**  
Director, Transportation Services  
*City of Kitchener*  
[barry.cronkite@kitchener.ca](mailto:barry.cronkite@kitchener.ca)

Barry has been with The City of Kitchener for over 23 years in Transportation Services. His current role as the Director of Transportation Services focuses on delivering a safe and efficient network for all street users. Recent successes include leading the development of the City of Kitchener's award winning Cycling and Trails Master plan and the City's first Vision Zero plan. Barry studied Transportation Engineering at Mohawk College and has a Masters Degree in Leadership from the University of Guelph. Barry's career has focused on community building through improvement of municipal streets for all users.



**Roslyn Lusk, P.Eng.**  
Director – Operations, Roads & Traffic  
*City of Kitchener*  
[roslyn.lusk@kitchener.ca](mailto:roslyn.lusk@kitchener.ca)

Roslyn is a graduate of the University of Waterloo with 25+ years experience in consulting and municipal engineering. Current responsibilities include providing support to 100+ public works service employees delivering year-round core services (road and sidewalk maintenance and repair, traffic management, boulevard landscape maintenance, and sanitation services) to a population of 270,000+; accountable for an operating budget of approximately \$16M.

Roslyn volunteers with a number of committees for the Municipal Engineers Association (MEA), an organization where she served as a Board Member from 2015 through to 2021 and is the proud mother of two amazing teenagers.



**1:00 p.m. to 2:00 p.m. | Westney Hall 2**

## **Subsurface Utility Engineering (SUE) Deliverable - Does It Meet ASCE 38-22**

### **Session Description**

Many municipalities, utility companies and developers are utilizing Subsurface Utility Engineering (SUE) investigations in accordance with the updated ASCE 38-22 (Standard Guideline for Investigating and Documenting Existing Utilities) to help manage the utility risk on their projects. What does it take to capture and depict the existing utility environment within the project limits? This presentation will delve into the process and challenges to gather field information, prepare the final SUE plan deliverable to meet ASCE 38-22 standard and how to review a SUE deliverable to ensure it meets the ASCE 38-22 standard. Several SUE projects will be used as case studies to aid in describing what it means for a SUE deliverable to conform with ASCE 38-22.

### **Session Objectives**

How to and the challenges surrounding capturing utility information in the field to ASCE 38-22 standard

- What it takes to create a SUE deliverable to ASCE 38-22 standard
- How to review a SUE deliverable to ensure that it is in accordance with ASCE 38-22





**Lawrence Arcand, P.Eng, P.E.**

President and Founder

*4Sight Utility Engineers*

[Lawrence.Arcand@4SightUE.com](mailto:Lawrence.Arcand@4SightUE.com)

Lawrence Arcand, P.Eng, has focused most of his 25+ year career on Utility Engineering. In 2020 he started 4Sight Utility Engineers and attracted a group of like-minded professionals passionate about what they do to build a niche Utility Engineering firm servicing clients in the Canadian Market. Lawrence is very active in the SUE industry by participating on several associations' Executive Boards and as a committee/ subcommittee member such as TAC – Utilities Management Subcommittee, CSA S250 – Guide for Mapping Utility Infrastructure and Utility Engineering Survey Institute (UESI) of ASCE. Lawrence was a co-founder of the OPWA Right of Way Management Committee.



**Josh Cowan, C.Tech**

Sr. Project Manager

*4Sight Utility Engineers*

[Josh.Cowan@4SightUE.com](mailto:Josh.Cowan@4SightUE.com)

Josh is Certified Technologist with OACETT in the province of Ontario with over 15 years of industry experience. Josh has extensive experience in Subsurface Utility Engineering within the province of Ontario and across Canada.



1:00 p.m. to 2:00 p.m. | Coughlan Room

## Rights-of-Way as Pollinator Habitat

### Session Description

Rights-of-way (ROW) have long been regarded as important for pollinators by providing long stretches of connected habitat. However, current practices of mowing and in some cases frequent use of herbicide, are detrimental to pollinators. Adjusting vegetation management practices in support of pollinator habitat conservation on ROW, offers a mutually beneficial opportunity: reducing management costs, streamlining operations, providing ecological services (pollination, carbon sequestration, natural snow fencing, flood attenuation etc.), increasing biodiversity, and contributing to global and national sustainability targets.

In this session we will present our Rights-of-Way as Habitat program, outlining our national and regional networks, training and partnership opportunities, and how pollinator habitat can be incorporated in ROW projects. We will also discuss the results of our pollinator monitoring research in which we assess habitat quality and the impacts of different vegetation management.

### Session Objectives

ROW attendees will learn:

- The significance of ROW in the conservation of pollinators, particularly the Monarch butterfly
- How ROW can provide a mutually beneficial opportunity by reducing costs, meeting sustainability targets, and through the provision of ecological services (carbon sequestration, pollination, flood attenuation, natural snow fencing)
- How to assess habitat quality on ROW through the pollinator scorecard
- How various vegetation management techniques impact pollinator habitat
- Best management practices and tools on how to adapt operations to benefit pollinators
- How to receive support from the Canadian Wildlife Federation on active and passive restoration projects



## **Tracey Etwell**

Restoration Ecologist,  
Rights-of-Way and Grasslands Project Teams  
*Canadian Wildlife Federation (CWF)*

[TraceyE@cwf-fcf.org](mailto:TraceyE@cwf-fcf.org)

Tracey Etwell is a Restoration Ecologist on the Rights-of-Way and Grasslands Project Teams at Canadian Wildlife Federation. She has been lucky to study plants and animals across Canada. She helps to build new habitats for these species. In recent years, she has been working on habitat for pollinators, such as native bees and monarch butterflies in Ontario.



## **Victoria Woodhouse**

Habitat Program Manager, Terrestrial Wildlife  
*Canadian Wildlife Federation (CWF)*

[victoriaw@cwf-fcf.org](mailto:victoriaw@cwf-fcf.org)

Victoria Woodhouse is a Habitat Program Manager of Terrestrial Wildlife at the Canadian Wildlife Federation (CWF), a registered charity dedicated to conserve and inspire the conservation of Canada's wildlife. She manages CWF's Rights-of-Way programs in support of native meadow restoration for pollinators. Victoria also holds the ENGO seat on the Rights-of-Way Stewardship Council, an accreditation program providing standards of excellence for environmental stewardship along rights-of-way.

2:30 p.m. to 3:30 p.m. | Taunton Room

## Dedicated Locator Panel

### Session Description

A locator dedicated to a project, ensuring markings are refreshed and damage is prevented during excavations is a Dedicated Locator. Dedicated Locator, as a concept and a practice, has been around for a long time. In April 2022, laws around Dedicated Locator were introduced to facilitate a faster broadband buildout in Ontario. This Panel discussion will include Ontario One Call, a Locator, a Municipality and an Excavator and will discuss the changes to the law, how the process flows from each stakeholder's perspective, and how Dedicated Locator is helping them succeed.

### Session Objectives

By the end of this session, attendees will be able to:

- List the steps to facilitate a dedicated locator for a project.
- Identify a Dedicated Locator request at their own organization.
- Examine how Dedicated Locator may fit in their operations.

### Facilitator:

- Jeff Hitchcock, *Ontario One Call*

### Panelists:

- Steven Crombie, *Greater Toronto Sewer and Watermain Contractors Association*
- Erci Boere, *Halton Region*
- Adam Mordaunt, *Ontario One Call*



## **Jeff Hitchcock**

Education & Training Program Manager

*Ontario One Call*

[jhitchcock@OntarioOneCall.ca](mailto:jhitchcock@OntarioOneCall.ca)

Having achieved numerous positions in the Damage Prevention Industry since 2006, Jeff has an intricate knowledge of the Damage Prevention system. His experience with Ontario One Call has taken him from: a call taker to the first full time Trainer; to the Team Leader on the overnight team; to the manager behind registering all infrastructure with Ontario One Call after the OUINS Act was enacted; to leading the way to insourcing Ontario One Call's contact centre; to managing Ontario One Call's Training and Education efforts across the province. Jeff is also responsible for the Professional Locate Administrator Course.



## **Steven Crombie**

Manager, Government & Public Affairs

Greater Toronto Sewer and Watermain Contractors Association

*Ontario Sewer and Watermain Construction Association*

[steven.crombie@oswca.org](mailto:steven.crombie@oswca.org)

Steven Crombie is the Manager of Government Relations & Public Affairs for the Ontario Sewer and Watermain Construction Association. Steven has worked both within government and as advocate in the private sector for 8 years. Steven's expertise is in environment, infrastructure, and health and safety policy. Steven has been with the OSWCA since the beginning of 2021. Since joining the association Steven has worked on reforming Ontario's Immigration system, winding down the Ontario College of Trades, Provincial Subsidies for Municipal Capital Budgets, and improving locate delivery by reforming the Ontario One Call Act. Steven uses his experience to ensure OSWCA members are well represented at Queens Park.





**Eric Boere**  
Manager of Water & Wastewater Linear Systems  
*Halton Region*  
[eric.boere@halton.ca](mailto:eric.boere@halton.ca)

Eric Boere is the Manager of Water & Wastewater Linear Systems for Halton Region; an upper-tier government providing source-to-tap water services to over 600,000 residents and customers.

Eric has over 26 years experience in the construction, operations and management of municipal water and sewer utilities. Twenty of those years have been at Halton Region, with six years at the Municipality of Thames Centre (east of London).

He currently fills a municipal seat on the Ontario One Call Operations Committee, and is Vice Chair of the Ontario Regional Common Ground Alliance. Eric also advises the Regional Public Works Commissioners of Ontario on policy matters related to locates.

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**Adam Mordaunt**  
Director of Member Services  
*Ontario One Call*  
[amordaunt@OntarioOneCall.ca](mailto:amordaunt@OntarioOneCall.ca)

Adam Mordaunt is the Director of Member Services at Ontario One Call. For the past 8 years Adam has worked in and overseen the Member and Client Services Departments. His latest project is establishing and facilitating the Dedicated Locator Department. Coming from a career as a Navigation and Safety Officer on some of the world's largest cruise ships, as well as working for the British Royal Navy, Adam brings a diverse background of safety and damage prevention.

## 2023 ROW Management Conference Committee

Jeff Hitchcock\*, Co-Chair  
*Ontario One Call*

Tracey Anastacio\*  
*City of Brampton*

Joel Anggala  
*IBI Group*

Lawrence Arcand  
*4Sight Utility Engineers*

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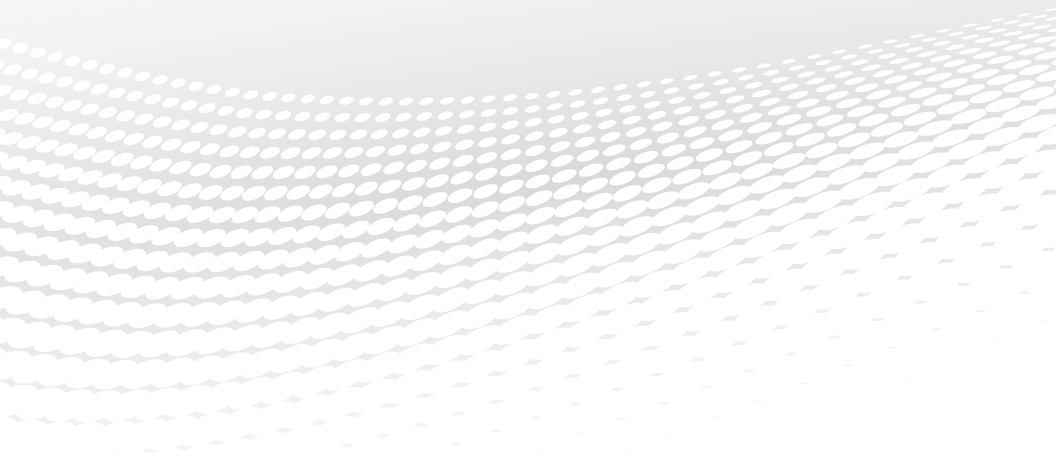
Lori O'Doherty  
*Event Planner*

Erin Thomas  
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*\*ROW Scholarship Sub-committee*





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