



20
24

**Damage
Prevention
Symposium**

February 6 - 8 | Niagara Falls, Ontario – Sheraton Fallsview Hotel



Important Information



Blocked Sewer? Always Call Before You Clear.

Sewer drain emergencies and flooded basements can be stressful. But before you or a plumber attempt to clear a blocked sewer or septic line, be sure to call **Ontario One Call** toll free at **1-800-400-2255** for a free sewer safety inspection.

Resolve clogs quickly and safely



Blockages in pipes that run inside your home typically can be cleared safely on your own.



If the clog is in sewer or septic pipes that run outside the walls of your home, call **Ontario One Call** for a **FREE** safety inspection before you or a plumber attempt to clear it.



Never use motorized or water-jetting equipment to clear a blocked sewer line without an inspection.

To request your **FREE** inspection, contact **Ontario One Call** at **1-800-400-2255**. These inspections are available 24/7 and are treated as emergencies. If a cross bore is found, the sewer line will be fixed at no cost to you.

What is a cross bore?

In rare cases, underground natural gas pipelines could unintentionally run through sewer or septic pipes – this is called a cross bore. Left undisturbed, cross bores aren't an immediate safety risk. However, using motorized or water-jetting equipment to clear a blocked sewer line could damage the natural gas line, resulting in a real and immediate risk to public safety, including a gas leak, fire or explosion.

Smell gas? Act fast!

Natural gas smells like rotten eggs or sulphur. If you smell gas or think you have a gas leak, leave the area immediately and call Enbridge Gas at **1-866-763-5427** or **911** from a safe distance (like a neighbour's home).



Visit enbridgegas.com/sewersafety for more safety information and videos.

WELCOME & KEYNOTE

WELCOME MESSAGE FROM PRESIDENT AND CEO



On behalf of the Board of Directors, welcome to Niagara Falls for the 2024 ORCGA Damage Prevention Symposium, February 6-8, at the Sheraton Fallsview Hotel.

The Symposium offers delegates learning, networking and digital event experiences.

Take advantage of the opportunity to expand your Damage Prevention knowledge by attending 19 informative sessions presented by leading professionals.

Of note, we have organized two panel sessions. On Wednesday morning the Ontario Regulations Panel will cover the upcoming regulations and their impacts on construction in Ontario. Thursday's Locator Resources and Training Panel will go through the drivers, impacts and solutions for the skilled locator pool in Ontario. These panel Discussions will be formatted to set the stage with some brief remarks from the panel members followed by an interactive question and answer discussion.

The ORCGA is also pleased to present a leading keynote speaker on Wednesday, Dan Trommater who will deliver a unique and interactive presentation to improve communication, teamwork and leadership...

The exhibition hall provides opportunities for one-on-one interactions with our vendors who will be showcasing the newest tools and technologies for damage prevention.

Join me in networking with colleagues, exchanging information and perspectives, all while enjoying the Welcome Reception on the Tradeshow floor on Tuesday and the Margaritaville Tradeshow Reception on Wednesday evening. Don't forget your straw hat and best Margaritaville gear!

As always, all event information will be at your fingertips on the Cvent Symposium event app!

Keep up to date on the agenda, learn about our speakers and vendors, receive real-time event info and e-connect with delegates and complete your session surveys via the app.

The ORCGA and the Symposium would not be possible without the generous support from all our annual sponsors, event sponsors, our exhibitors and volunteers. We thank them immensely and encourage all to interact with them throughout the Symposium.

Lastly, I would like to thank all delegates for taking the time to attend this year's Symposium. I hope that this event will inspire all of us to focus on the importance of what we do every day to improve the quality of life for millions of people, to enhance worker safety, and to lead Ontario to be the safest jurisdiction with the most reliable infrastructure in Canada.

KEYNOTE SPEAKER



Dan Trommater - Wellbeing, Teamwork & Empathy Programs Delivered by a World-Class Magician. Dan Trommater is not your ordinary miracle worker. His programs are interactive experiences that combine

world-class magic and humor to teach practical tools that improve communication, teamwork, and leadership at every level. With empathy at the core of all his work, Dan is passionate about helping people push past limitations and live more fulfilling lives. By sharing practical tools from the field of Positive Psychology, he delivers thought-provoking and captivating programs that help organizations improve communication and collaboration at all levels. Dan will empower your audience to shift their thinking, gain new perspectives, and find better solutions.

<https://www.nsb.com/speakers/dan-trommater/>
\$7,500 plus taxes & expenses from Toronto

Empathy's Magic Power: The Key to Clear Communication and Compelling Leadership

Empathy is the key to creating a better world.

What if you could magically see the world through someone else's eyes?

In our increasingly individualized society, it can be so easy to forget that your 'truth' isn't universal. What's obvious to you might be invisible to others (and vice-versa.)

With over 20 years of experience creating and delivering presentations for a wide spectrum of audiences; Dan understands the vital importance of seeing the world from others' perspectives.

In this program, Dan uses magic, optical illusions, and interactive exercises to illustrate the transformative power of empathy. He'll demonstrate the fallibility of our narrow perspective and teach practical tools to widen our understanding of others' needs and motivations.

This thought-provoking program will empower participants to see the world from fresh perspectives, unlocking new levels of leadership, communication, and collaboration.

Leaders, sales professionals, and anyone who works with others will learn...

- *How to truly listen and ask better questions before offering solutions*
- *How to overcome the barriers to empathy to create better relationships*
- *How to build a bridge of understanding and collaboration*



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WEDNESDAY LUNCH



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DAILY AGENDA AND TRADESHOW MAP

PANEL PRESENTATION

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**ANNUAL INVITATIONAL
GOLF TOURNAMENT
WEDNESDAY, JUNE 19,
2024**

**2025
DAMAGE PREVENTION
SYMPOSIUM
FEBRUARY 11 - 13
OTTAWA, ON**



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PROGRAM-AT-A-GLANCE

TUESDAY, FEBRUARY 6

Time	Event	Sponsor	Location
8:00 a.m. – 12:00 p.m.	ORCGA Board of Directors		Strategy Room 2
12:00 a.m. – 1:30 p.m.	DIRT Committee Meetings		Strategy Room 5
1:30 p.m. – 2:30 p.m.	Events and Communications Meeting		Strategy Room 1
1:30 p.m. – 3:00 p.m.	Best Practices Committee Meeting		Strategy Room 3
2:30 p.m. – 3:30 p.m.	Geographic Council Meeting		Strategy Room 5
4:00 p.m. – 5:00 p.m.	ORCGA Annual General Meeting		Strategy Room 2
5:00 p.m. – 7:00 p.m.	Welcome Reception	OE Utility Services & Ontario Utility Locates	Great Room A/B

WEDNESDAY, FEBRUARY 7

Time	Event	Sponsor	Location
7:15 a.m.	Breakfast	Enbridge	Great Room C
8:00 a.m.	Welcome/Board Address, Committee Update/OOC Regulations Panel	Ontario One Call	Great Room C
9:30 a.m. - 10:15 a.m.	Concurrent Sessions		Various
10:15 a.m. – 11:00 a.m.	Networking and Coffee Break	TC Energy	Great Room A/B
11:00 a.m. – 11:45 a.m.	Concurrent Sessions		Various
11:45 a.m. – 1:45 p.m.	Awards Luncheon & Keynote: Dan Trommatter	Hydro One	Great Room C
2:00 p.m. – 2:45 p.m.	Concurrent Sessions		Various
2:45 p.m. – 3:30 p.m.	Networking Coffee Break	Westover Express Pipeline	Great Room A/B
3:30 p.m. – 4:15 p.m.	Concurrent Sessions		Various
5:00 p.m. – 7:30 p.m.	Margaritaville Tradeshow Networking Reception		Great Room A/B

THURSDAY, FEBRUARY 8

Time	Event	Sponsor	Location
7:15 a.m.	Breakfast	OEC	Augustus II & III
8:00 a.m.	Ontario One Call Update, Committee Updates		Augustus II & III
9:15 a.m. - 10:00 a.m.	Concurrent Sessions		Various
10:00 a.m. – 11:00 a.m.	Networking and Coffee Break	Ontario One Call	Augustus I
11:00 a.m. – 12:00 p.m.	Panel – The 2024 Challenge...Locator Supply or Industry Demand	ORCGA	Great Room C
12:00 p.m. – 12:30 p.m.	Grab & Go Lunch		Great Room C

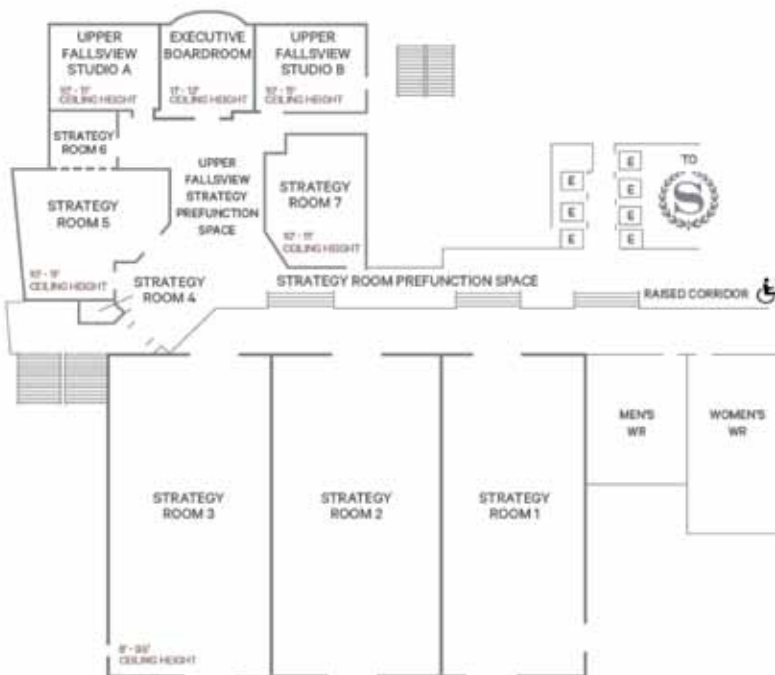


FLOOR PLAN

SHERATON FALLSVIEW - 3RD LEVEL FLOOR PLAN



SHERATON FALLSVIEW - 5TH LEVEL FLOOR PLAN



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GENERAL INFO

REGISTRATION DESK

The Registration Desk is located on the 3rd Floor convention space

ORCGA staff and volunteers will be available during the following hours:

Tuesday, February 6 – 11:00 a.m. – 7:00 p.m. | Wednesday, February 7 – 7:00 a.m. – 6:00 p.m.

2024 ORCGA ANNUAL GENERAL MEETING

Join us on February 6th in Strategy Room 2, at 4:00 p.m. to hear about issues that matter to you.

The Board Executive will present the 2023 ORCGA Annual Report, the strategic direction and priorities for 2024, the ORCGA financial statement, a report on the election and appointment of new directors to the board, as well as reviewing the 2023 ORCGA Scorecard that measures association performance.

This meeting is FREE to attend and does not require Symposium registration.

TRADESHOW EXHIBIT HALL

The Tradeshow is located inside Great Room A/B on the 3rd Floor

We encourage all delegates to take advantage of the 2½ days to circulate through the tradeshow floor to enjoy:

- The Welcome Reception Sponsored by OE Utility Services and Ontario Utility Locates on Tuesday, February 6, starting at 5:00 p.m., featuring a complimentary beverage for ALL registered delegates!
- The Margaritaville Tradeshow Reception, Wednesday, February 7, beginning at 5:00 p.m. Exhibitor Raffle will take place during reception
- All coffee and networking breaks during the Symposium.

See you on the Tradeshow Floor!

EXHIBIT HALL HOURS

Tuesday, February 6 – 5:00 p.m. – 7:00 p.m.

Wednesday, February 7 – 10:00 a.m. – 7:00 p.m.

Thursday, February 8 – 9:00 a.m. – 11:00 a.m.

WI-FI

The ORCGA is pleased to offer complimentary Wi-Fi access for our delegates.

Please check our event app for wifi network and password

SOCIAL MEDIA

Share your memorable Symposium pictures, video and experiences online using #2024DPS and #DigSafe2024.

PHOTOGRAPHY DISCLAIMER

Photographs will be taken at the 2024 ORCGA Damage Prevention Symposium. By registering for, and participating in this event, you agree to allow the ORCGA to use your image in related publications, promotions or websites.



ACHIEVEMENT AWARDS

ORCGA recognizes ongoing achievement in our industry through our Awards Program.

EXCAVATOR OF THE YEAR

These awards recognize excavators with the best in-class safe digging practices. Excavator of the Year is determined by each contractor's individual damage rate. A damage rate is a calculation dependent on the volume of locates requests, measured against the number of digging related damages to underground infrastructure. Input from infrastructure owners is also used in the determination. To qualify, excavators must have a minimum of 500 locate requests to Ontario One Call.

ELECTRIC



GAS



HOMEBUILDER



LANDSCAPE



ROAD BUILDER



SEWER/WATER



TELECOMMUNICATIONS



HYDROVAC



MOST IMPROVED



ORCGA MEMBER OF THE YEAR

JIM DOUGLAS AWARD OF EXCELLENCE IN DAMAGE PREVENTION

The ORCGA recognizes current and long-term achievement in the Damage Prevention industry through the ORCGA Member of the Year and the Jim Douglas Award of Excellence in Damage Prevention. Honourees announced at the Awards Luncheon.



EXHIBITORS

GREAT ROOM A/B 3RD FLOOR

- 100. OEC
- 101. Vermeer
- 102. Jubb Utilities
- 103. Digital Control Systems
- 104. Joe Johnson Equipment
- 105. The Hurricane Group
- 106. Olameter
- 107. Braithwaite Drilling
- 200. OE Utility Services
- 201. Pipetek Environmental
- 202. Hetek Solutions
- 203. Competers
- 204. Badger Daylighting
- 205. Cansel
- 206. Canadian Cutting and Coring
- 207. GSSI
- 208. JD Barnes



- 300. Vivax Metrotech
- 301. Planview
- 302. TC Energy
- 303. UES
- 304. Project Resources Group
- 305. Bluewater Ideas
- 306/7. Ontario One Call
- 308. Pelican Corp
- 400. Super Sucker
- 401. Tri Versa Global
- 402. CR Wall
- 403. Telonix Communications Inc.
- 404. T2 Utility Engineers
- 405. GFL Environmental
- 406. Terraplus
- 407. Secure Orbit Inc.

GOLD SEAL ACCREDITED COURSE PROVIDER UN FOURNISSEUR DE COURS ACCRÉDITÉS SCEAU D'OR



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ASSOCIATION
CANADIENNE DE LA CONSTRUCTION

**Gold Seal is a registered mark of the Canadian Construction Association
Le Sceau d'or est une marque enregistrée de l'Association canadienne de la construction.

EXHIBITORS

100 OEC

OEC serves the infrastructure, energy, gas and electricity distribution and telecommunications sectors. With over 2,500 employees, insightful and reliable energy and infrastructure solutions are provided to clients coast-to-coast. Driven to Lead, Innovate and Commit to Excellence, the group of companies delivers end-to-end solutions from concept and design to engineering, construction and comprehensive field services. Through an unwavering focus on health, safety and the environment, OEC continuously works to ensure the safety of employees, the public we serve and the environment we live in.

101 Vermeer

Vermeer Canada is a full-service Industrial equipment dealer specializing in Parts, Sales, Service and SUPPORT. We are proud to extend our coast-to-coast coverage through 13 strategically located full-service locations. At all our locations we provide new & previously owned Vermeer equipment, sales support, expertly trained in-shop, mobile service technicians and high-quality, stocked parts. We are here to support you in helping to make the most of your business opportunities, to increase your productivity and decrease downtime. Our customer service commitment begins with the Vermeer Canada Promise, a complete after sales, parts and service program to keep you going 24/7.

102 Jubb Utility

Jubb Utility Supply Limited works closely with Canadian utilities, telecommunications companies, power generation and utility contractors, providing knowledgeable solutions and support in high voltage tooling, cable installation, safety equipment and testing to industry standards.

103 Digital Control Systems

DCI leads the Horizontal Directional Drilling (HDD) industry in advanced systems for underground infrastructure installation. We design, engineer, and manufacture an ecosystem of innovative tools and software solutions that improve job safety and increase productivity.

104 JJE

Joe Johnson Equipment is Canada's largest and one of North America's leading infrastructure-maintenance equipment suppliers. JJE proudly serves municipalities, contractors, haulers and industrial companies in Canada and the U.S. JJE has a long-standing reputation for distributing industry-leading products through its national branch network with a keen focus on customer support.

105 Hurricane Group

The Hurricane Group is comprised of Hurricane Hydrovac, Hurricane SMS, Heaton Sanitation and Ken Lapain & Sons Ltd. The Group's one defining vision is to provide exceptional service through experience and versatility backed by a diverse leadership team and guided by integrity, professionalism, and quality workmanship.

106 Olameter

Olameter, a prominent player in the outsourced utility solutions sector, boasts over two decades of experience, evolving into a key player in North America. Incorporated in 1998 as a Canadian corporation, Olameter Inc. rapidly expanded, incorporating strategic acquisitions such as the notable addition of Tribus Services in 2020. Established as FieldTech in 1995, Tribus Services, with over 25 years in the field, has excelled in delivering dependable utility infrastructure solutions spanning water, gas, and electric utilities throughout North America.

107 Braithwaite Drilling

Braithwaite Drilling is your trusted partner in the utility construction industry, specializing in cutting-edge pipe extraction tooling and techniques as well as directional drilling for natural gas, hydro, telecommunications, and water utilities. With a commitment to excellence, innovation, and safety, we bring unparalleled expertise to every project, providing you with a versatile solution tailored to your specific needs.

200 OE Utility Services



OE UTILITY SERVICES
GET MORE OUT

OE Utility Services offers a broad range of utility support services for gas, water, electrical, subsurface utility engineering, transportation, and general construction projects. In addition to hydro excavation, our ancillary services and equipment include coring machines, road saws, stone slingers, u-fill trucks, hard and soft surface restoration, soil processing, and more. OE proudly serves Ontario with convenient locations in the GTA, Hamilton, Kitchener, London, Oshawa, Barrie, and Ottawa areas.



EXHIBITORS

201 Pipetek Environmental



Pipetek Environmental Inc is committed to offering a professional service to the

Industrial and Hydro Vac industry. Since Pipetek's inception, Pipetek has always believed our best asset is our commitment from our staff. Having the right staff in the right environment leads to excellent service and satisfaction for all our clients. Pipetek is pleased to offer the following services, Hydro Excavation, Coring and Reinstatements, Industrial Wet/Dry Vacuum services, High Pressure Water Blasting and Hot Wash. services.

202 Hetek Solutions



Hetek, a leading Gas and Water Leak Detection service provider, is driven by a singular purpose: "keeping people safe in the most

worry-free way possible" and has guided us through 65 years of serving Canada's gas utilities, water utilities, municipalities, and the midstream and upstream oil and gas sector. The loyalty of our customers helped us become one of Canada's primary vendors for both products and services to these sectors and expanding to the United States locations.

203 Competers

Competers Inc is a software development firm specializing in damage prevention solutions. We are the creators of Utilocate and UExcavate. Utilocate is a locate ticket management system for utility companies, locators, and damage prevention teams. UExcavate is our automated locate coordination tool, focused on simplifying the locate package and coordination processes for excavators and municipalities.

204 Badger Inc

Badger Infrastructure Solutions is the largest provider of non-destructive excavating and related services in North America. For over 30 years, we have been innovating cutting-edge technology – like the Badger Hydrovac™ – and serving a diverse customer base across a broad range of infrastructure industry segments including energy, industrial, construction, telecommunications, transportation and more.

Badger Daylighting™ Sewer Service for their sewer inspections and maintenance.

205 Cansel

For over 50 years Cansel has helped organizations in engineering, surveying, construction, mining, architecture, manufacturing, printing, utilities, forestry, and government sectors measure, analyze, design, and build more efficiently and profitably. Cansel's national team of professionals combine software, hardware, and services to provide tailored solutions to improve your workflow, from field to finish.

206 Canadian Cutting and Coring

Established in 1964, Canadian owned and operated servicing the Construction and Damage Prevention industries throughout Ontario. Canadian Cutting and Coring is your single source for a range of services including Concrete Cutting, Coring, GPR scanning, Utility Locating and Industrial Radiography (X-Ray).

207 GSSI

GSSI is the world leader in the development, manufacture, and sale of GPR equipment. Our cutting-edge products are used all over the world to explore the subsurface of the earth. GSSI created the first commercial GPR system over 50 years ago and continues to provide the widest range and highest quality systems available today.

208 JD Barnes



J.D. Barnes Limited, together with its subsidiaries OnSite Locates and First Base Solutions Inc., is a leading force in the surveying, mapping, and land information industry. Established in 1960,

the firm has consistently invested in and adapted to the latest technological advancements, allowing it to expand its range of services significantly. These services now encompass not only traditional land surveying but also innovative fields like aerial mapping, web mapping services, LiDAR scanning, bathymetry, UAV, and utility surveys. J.D. Barnes Limited's growth is also reflected in its impressive workforce expansion. The company now employs over 550 professionals, including surveyors, engineers, technologists, technicians, systems analysts, programmers, and support staff. The firm has strengthened its presence in Ontario with 15 regional offices and, marking a significant milestone in 2023, has expanded its operations to Quebec with a new office in Montreal.



EXHIBITORS

300 Vivax Metrotech

Vivax-Metrotech develops and manufactures products for buried utility locating, fiber-optic cable locating, ferrous metal detection, coating analysis and performing ACVG surveys on cathodic protected pipes, finding sheath to ground faults on cables, inspecting the interior of pipes and ducts, and mapping of buried utilities.

301 Planview



Planview Utility Services Ltd. provides end-to-end utility design and asset

management services. Our portfolio of expertise is in engineering and design, Subsurface Utility Engineering (SUE), Asset Inspections, Geographic Information Systems (GIS) integrations and migrations and customized geospatial solutions. We empower efficient utility and telecom infrastructure expansion and management with superior spatial analysis. Utilities and Telcos rely on us for asset planning and pre-engineering work; from engineering design, technical analysis, permitting and third-party management and asset management. Planview Utility Services' breadth of utility expertise enables our customers with the competitive edge they need to be the best in their industry.

302 TC Energy



We all need energy – it warms and cools our homes, cooks our food, gives us light and

gets us where we need to go. It also improves our quality of life in countless other ways.

TC Energy, Enbridge, Trans-Northern, Imperial, Sun-Canadian and Plains Midstream representatives look forward to meeting you at the booth. This group of pipeline companies (Ontario Joint Pipelines) work together to raise public awareness on the importance of living and working safely around underground infrastructure. Stay safe and Click Before you Dig!

303 UES

Utility Energy Services Inc. specializes in field services within the pipeline industry. Founded in 1979, UES Canada offers management experience greater than 100 years in the utility, distribution, and transmission fields.

UES Canada takes pride in maintaining a high standard of safety and excellence in the demanding and sensitive energy industry.

Providing quality inspection services, line patrol, ROW clean up, and more across Ontario.

304 Project Resources Group

PRG's decades of experience in broadband, telecommunication, field investigation practices, local and national dig laws, insurance, business-to-business collections, and litigation, make us a leader in the Outside Plant Damage (OPD) industry. We have a proven track record of success in resolving damage claims effectively, resulting in lower costs and higher returns on your investment.

305 Bluewater Ideas

Since the 1990's, Bluewater Ideas has been involved with Damage Prevention Education by supplying many companies and utilities with most of their Promotional Products. In conjunction with the ORCGA and the CCGA, Bluewater Ideas has developed and implemented the digsafe.logoshop.com website e-store which includes the entire line of DigSafe Promotional items that can be customized with your company logo.

306/7 Ontario One Call

Ontario One Call is a Public Safety Administrative Authority and is the communication link between those wanting to dig and underground infrastructure owners who are required to provide locates.

308 Pelican Corp

PelicanCorp is a leading provider of cloud-based applications for utilities, asset owners, and to the One Call industry specifically for the protection of essential infrastructure. PelicanCorp connects people, applications, and devices through a unified platform to help industry professionals manage risk and build quality projects - safely on time and within budget. PelicanCorp has a diversified business model built on 40 years of experience protecting billions of dollars of global assets. PelicanCorp is headquartered in Melbourne, Australia, with offices and operations around the globe.

400 Super Sucker



For over 20 years, Super Sucker has been Ontario's leading provider in vacuum excavation and support services. We are focused on safety and deliver complete solutions with

the most technologically advanced and diverse fleet of vacuum excavation trucks, coring units, slingers, and concrete trucks. This fleet and our highly trained crews allow us to provide cost-saving options to both small and large infrastructure and utility projects throughout the province.



EXHIBITORS

401 Tri Versa Global

Our mission at Tri-Versa-Global is to provide quality service to our clients, to treat you personally as part of a creative and resourceful team. TVG will source promotional products that will fit your company's style and philosophy while maintaining the integrity of your company's logo. We strive to enhance the image of our clients by providing the appropriate branding solutions while building value in your business.

Tri-Versa-Global continually stays up to date on new developments, products, and programs in the industry to enable you to distinguish yourself from your competition.

402 CR Wall



CR Wall is the preferred supplier of measurement, regulation, operations and safety equipment and solutions for the Canadian Gas Energy

Industry. Customers choose CR Wall because of the knowledge, experience, and high-quality products we represent. Our commitment to innovation ensures our customers have access to the right products and solutions designed to improve performance, ensure safety, simplify training, reduce costs, protect the environment, and enhance daily operations.

403 Telonix Communications Inc

TELONIX is the Canadian solutions resource for the future in the telecom industry for both fiber optics and broadband deployment, specializing in distribution of the essential tools for underground infrastructure location and utilities maintenance, backed with best practices hands-on training promoting any project's damage prevention programs.

404 T2 Utility Engineers

As an industry leader in utility engineering and surveying, T2ue has continued to build success since 2002. T2ue strives to deliver exceptional value to our clients through a strong focus on quality. T2ue provides all elements of SUE services, including utility mapping and investigations, utility coordination, utility design, GIS and CCTV services. Through T2's clearly identified internal processes and quality investigations; deliverables are provided to clients in accordance with industry standards. Safety, innovative technologies, and project quality management systems are the top priorities.

405 GFL

Headquartered in Vaughan, Ontario, GFL Environmental is the fourth largest diversified environmental services company in North America, providing a comprehensive line of solid waste management, liquid waste management, and soil remediation services in Canada and more than half of the U.S. states. Across its organization, GFL has a workforce of more than 18,000 employees. For more information, please visit our website at gflenv.com.

406 Terraplus



Terraplus has been in business for more than 30 years and grown to become one of the world's largest suppliers of geophysical

instruments. With a wide range of equipment for sale and rent, Terraplus has several solutions for subsurface investigations, including ground penetrating radar (GPR), EM sensors, magnetometer/gradiometers, borehole systems, and more. Visit www.terraplus.ca for a complete overview for what is available from Terraplus.

407 Secure Orbit Inc.

Secure Orbit Perimeter Engineering, a leader in the perimeter security industry, is an innovative design and manufacturing company based in Thunder Bay Ontario. We specialize in customizable fencing and gating solutions, catering to diverse needs from high-security correctional facilities to commercial establishments.



SYMPOSIUM PLENARIES AND SESSIONS

**Please refer to the event app for additional information/updates*

WEDNESDAY PLENARY

8:15 A.M. | GREAT ROOM C

Ontario One Call Regulations Panel

Panel Moderator: Tammy O'Sullivan – Hydro One

Panelists: Jim Keech – Ontario One Call, Mike Ovsonka – Enbridge, Adam Budd - Aecon

WEDNESDAY BREAKOUT SESSIONS

9:30 A.M. | STRATEGY ROOM 1 | RON LAIDMAN, ENERTIA

Dedicated Locator – Lessons Learned and What Owners, Contractors and LSPs Need to Know to Navigate the Program Effectively

We are now over a year into the official implementation of the Dedicated Locator program in Ontario. This paper will explore what has worked well and what hurdles still exist in the industry and the program itself. The author will offer firsthand experience navigating the DL programs both as an LSP, Contractor and now as a consultant working with industry stakeholders including utility owners, the regulator, small-mid size LSPs, and contractors. This perspective is truly unique in the industry and will offer a different take on how the program is progressing with an all-around view to how participants are navigating the program, what hurdles and limitations they are facing on all sides and some examples of successes. This will all be taken from a neutral standpoint with a view to where we can go from here to ensure all stakeholders are positioned to benefit from the program and that the intended value of the DL program is achieved.

9:30 A.M. | STRATEGY ROOM 2 | JOSEF ROSENBERG, UTILITY SAFETY PARTNERS

Calls vs Clicks: Safest Contact Centre Practice Post-COVID

While evidence has mounted year over year pointing to the efficacy and increased safety from Contact Centres and related groups pushing Web-submissions over Phones, post-COVID this dichotomy has only grown. In this presentation, I will review 5+ years of data trends, and lay the case for a wholesale transition to virtual white-lining practice across the industry.

9:30AM | STRATEGY ROOM 3 | LUKE SPERRY, SEAL FOR LIFE

Physical Pipeline Barriers: An Undervalued Component of Safe Pipeline Development

Damage from external interference is a leading cause of pipeline incidents across Canada, accounting for thousands of cubic meters of released substances and hundreds of dangerous fires over the past decade. These incidents pose hazards to human and environmental health, yet pipelines remain unmatched in their ability to transport resources efficiently, safely, and at low costs. Extensive pipeline development is thus a critical component of many future energy pathways involving bio-derived fuels, hydrogen, or CO2 capture and utilization or storage. Physical pipeline barriers are a simple solution to protect against incidental pipeline damage and have seen wide deployment around the world. However, traditional barrier systems involving concrete slabs or steel plates can be costly to install, which may significantly detract from any potential benefits to pipeline owners. Additionally, existing pipeline warning and marking systems may go unnoticed during a dig or excavation and ultimately fail to prevent pipeline damage. Here, we review current regulations governing pipeline protection around the world and present a novel physical barrier system designed for ease of installation and long-term protection; a solution aimed to address and balance the priorities of communities, regulators, asset owners, and contractors. We highlight the main benefits of this innovative solution, acting as both a physical barrier and warning system, and show how it may change the way we build and interact with pipelines for our future energy and utility needs.



SYMPOSIUM PLENARIES AND SESSIONS

**Please refer to the event app for additional information/updates*

11:00 A.M. | STRATEGY ROOM 1 | STEVE COOPER, ENBRIDGE & BRAD GOWAN, OEC

Evolution of Utility Locating in a Digital World

The world of technology is evolving and the locate industry along with it. In this session we will discuss how Enbridge and OEC are teaming up to use GPS capture during the locate and mapping process to enhance safety, drive improved quality and deliver efficiencies for all stakeholders. We will also review the results of two independent trials of the technology, where we are now, and the potential for machine learning integration.

11:00 A.M. | STRATEGY ROOM 2

Empowering Safe Construction Practices: The Vital Impact of Thoughtful Geophysical Survey Design

Geophysical surveys provide invaluable insights into subsurface conditions, potential hazards, and structural integrity. They are like the backstage pass to the hidden world beneath our construction sites. The real magic happens when we smartly pick and analyze the right geophysical methods - it's a make-or-break decision during the planning stage. Choose wrong, and we're talking about waste time, money, and a failure to properly de-risk a site. We will dive into the art of thoughtful survey design, learning from real-life cases that showcase its impact on construction practices. From keeping sites safe to making projects run smoother, survey design is effective. We explore how embracing technologies, such as multi-channel ground-penetrating radar (MCGPR) and multiple geophysical methods enhances the effectiveness of geophysical surveys in identifying potential pitfalls. The presentation includes a forward-looking perspective, examining the landscape of geophysical technologies and their potential to increase safety and enhance risk mitigation in construction projects.

11:00 A.M. | STRATEGY ROOM 3 | LAURIE LEBLANC, T2 UTILITY ENGINEERS

How Quality SUE Mapping Can be Beneficial to Owner Groups for Use in Their GIS Systems

All Municipalities across Ontario are required to be members of Ontario OneCall, but often the maps of their infrastructure are incomplete, inaccurate, and generally contain significant gaps in the data. The maps used by the locators drastically increase the efficiency and accuracy of the locates. This presentation will discuss how accurate maps created via Subsurface Utility Engineering (SUE) Services could pose as an opportunity for municipalities to update their systems with accurate information and fill in the gaps in their data to allow more accurate locates to be performed aiding in greater damage prevention by increasing the efficiency and accuracy of the locates.

2:00 P.M. | STRATEGY ROOM 1 | BROCK KINGSTON, CANSEL & KIEREN TINNING, TERRAFLOW

Automate your Subsurface Utility Engineering & Locate Sketching

TerraFlow Geomatics and Cansel will present the TerraFlow Utility Mapper and Sketch solutions. Utility Mapper and Sketch which together provide a seamless capability to capture your underground assets and topographic features and export that data to CAD for engineering, GIS for mapping or produce your final sketches to complete your locate tickets. We will present specific use cases of clients using both Utility Mapper and Sketch in the field to automate their locating processes. We will look at the workflow from the beginning of a locate ticket or subsurface utility engineering investigation, locating and mapping and finally generating your final deliverables to your client. We will demonstrate the specific workflows and speak to both the efficiencies gained, but also the benefits of having accurate, reliable and consistent data for your engineering teams and / or locate sketches.

2:00 P.M. | STRATEGY ROOM 2 | KATHLEEN COOPER, ENBRIDGE

Enbridge Contractor Quality Management

Properly structured Quality Management Programs are critical for the Utility, Locating and Excavating sectors. This talk will focus on the importance of Quality when working with Enbridge and how we ensure compliance with industry and Enbridge standards. Safety and Quality go hand-in-hand at our company, and as the industry changes and evolves so will our quality requirements and expectations of our valued suppliers. Get head of the game and learn about quality terms, concepts, and the key quality issues we face with our contractors. The industry needs to work together to drive continuous improvement and a focus on quality will improve safety performance while reducing rework and cost of poor quality.



SYMPOSIUM PLENARIES AND SESSIONS

**Please refer to the event app for additional information/updates*

2:00 P.M. | STRATEGY ROOM 3 | DEREK ROBILLARD, HYDRO ONE

High Voltage Oil Filled Underground Transmission Cables

What are they? Where are they? How are they different from other electrical underground assets? This session will incorporate details about what oil filled underground transmission cables are and how they operate with pumping plants. It will also speak to the hazards and requirements of working around this unique type of asset as well as the extensive impacts and costly repairs as a result of damaging them.

3:30 P.M. | STRATEGY ROOM 1 | PETER HETTSTEDT, BE SPATIAL ONTARIO

The Utility of GIS

Geographic Information Systems have become globally utilized over the last few decades. The evolution of GIS has led to a revolution in data access, empowering insights into a vast array of aspects of social or commercial importance to us as individuals and organizations. It also plays a crucial role in the Damage Prevention Industry. From service providers to One Call Centres and Utility owners, GIS is critical to the communication of accurate asset and location information. And its importance will continue to grow as the movement builds towards a unified, integrated asset utility database.

BeSpatial Ontario is a community of individuals and organizations that share and innovate geospatial and information knowledge and expertise to achieve evidence-based decision making. We are recognized as the premier geospatial and information non-profit organization in Ontario. We wish to work with the ORCGA to foster closer ties, understanding that with better data, modern tools and a common framework, we can work towards substantially reducing damages to underground utilities. The discussion will focus on recent Geospatial trends in the Utility Damage Prevention Industry that can assist in achieving this goal.

3:30 P.M. | STRATEGY ROOM 2 | HOORAN TYTAB, WEST COAST SCANNING

Electrical Resistivity Tomography for Subsurface Analysis and Risk Management

This session will present case studies carried out at sites in different parts of the world, highlighting the efficacy of the ERT method in addressing subsurface issues frequently encountered in civil and environmental projects. These case studies analyze ground-related challenges such as soil subsidence and heterogeneity, soil distress, subsurface voids/cavities, bedrock topography, variations in soil saturation, presence of groundwater, hydrologic features (aquifers), leakages from underground facilities (storage tanks and pipelines), weak zones in embankment dams, and volumetric analysis related to contaminant plumes.

3:30 P.M. | STRATEGY ROOM 3 | MORANNE MCDONNELL, PROMARK TELCON

Successful LSP – Excavator Relationships: The Key to Timely and Effective Locate Deliver

This presentation will focus on the relationship between the Locate Service Provider (LSP) and the Excavator as a critical component of efficient locate delivery in Ontario. Examples of quality locate requests will be shared, along with best practices around communication, key details needed, and other helpful tips that promote timely delivery of locates, keeping important excavation projects on track. Given from the perspective of one of Canada's largest LSPs, this presentation is geared towards locate requestors and how to collaborate effectively with the LSP supporting your project to achieve a successful outcome for all parties involved. At the conclusion of the presentation, Promark Ontario's Leadership Team will open the floor to encourage an engaging and informative two-way discussion.



SYMPOSIUM PLENARIES AND SESSIONS

**Please refer to the event app for additional information/updates*

THURSDAY BREAKOUT SESSIONS

9:15 A.M. | STRATEGY ROOM 1 | JAN PEETERS, OLAMETER

The Merits of Geo-Tagging Underground Locates

Today, field technicians routinely take pictures of their markings (flag and paint) to provide evidence of the work in case any damage claims lead to a dispute involving the utility, the contractor, and the locate contractor. North American contractors and utility personnel perform some 300 million site surveys each year. However, the data gathered has served no other purpose than claims settlement. In certain regions (e.g., the Province of Québec), the production of field sketches is mandatory and can take as much of the field technician's time as the placement of the markings. Here, the benefits of automating the production of sketches seem obvious – an immediate reduction in costs. Olameter will present the results of a pilot project conducted by Olameter in North Dakota during the summer of 2023. The pilot was conducted on a “production scale” since it involved an average of 20 locate technicians working over the span of four months. The technology developed by Olameter relies on the capabilities inherent in Android and iOS cell phones. It takes the form of an App working in sync with standard dispatching software (in this case DigTix). In developing this technology, Olameter collaborated closely with two large utilities: Xcel and Énergir. The technology used in this pilot essentially modifies this documentation process to produce reasonably accurate sketches ($\pm 6''$) of the latitude, longitude, and elevation of the surface markings.

9:15 A.M. | STRATEGY ROOM 2 | GEORGE AWAD, TELECON

The Impact of Immigration on the Underground Infrastructure Industry

The infrastructure industry is one of the biggest attracted fields in Canada for new immigrants, the number of jobs, the variety of opportunities and the size of the projects are main factors drawing newcomers to join the industry. Industry leaders must have a good plan to appoint people to positions and offer effective training programs to increase the level of knowledge and motivate employees to grow within their fields. In this presentation I will be shedding light on some ideas about this topic; The new immigrant effect in the infrastructure industry; Some ideas to attract the new immigrants to join the infrastructure industry, and practical solutions to keep the employee motivated and inspired.

9:15 A.M. | STRATEGY ROOM 3 | ADAM MORDAUNT, ONTARIO ONE CALL

Dedicated Locator, 2024 and Beyond

As Dedicated Locator continues to gain traction in the industry, we are going to take a look at the success of 2023 and where we see improvements to be made in 2024.

THURSDAY PLENARY

11:00 A.M. | GREAT ROOM C

The 2024 Challenge...Locator Supply or Industry Demand

Panel Moderator: Douglas Lapp – ORCGA

Panelists: Jason Kottelenberg – Avertex, Josie Trapani – Promark Telecon, Tim Dykas – Enbridge Gas, Reza Habibollahi – Rogers, Marco Dator – Ontario One Call



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Thank You

FOR ATTENDING!

See you in 2025!

ORCGA Education & Training



DPT Damage Prevention Technician

Damage Prevention Technician Training provides instruction on the fundamentals of locating. The DPT training is focused on a combination of in-class instruction (in-depth review of techniques used to locate all utility types, safety, locate requests and industry practices), field awareness review and on-the-job competency assessment.



SET Safe Excavation Training

Safe Excavation Training (SET) is the knowledge requirement for excavators in Ontario. SET is based on the latest research and resources on excavation best practices, legislation and standards. It provides instruction on the fundamentals of compliance, planning and design, notification service, locating and marking and excavation.





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