



Ontario Regional
ORCGA[®]
Common Ground Alliance

**2020
DAMAGE
PREVENTION
SYMPOSIUM**

**FEBRUARY
11-13, 2020**

FAIRMONT CHATEAU LAURIER

OTTAWA, ONTARIO

ONTARIO'S SECOND CALL.



CORING + REINSTATEMENT



DRY SUCTION EXCAVATION



HYDRO VAC EXCAVATION



MOBILE CONCRETE MIXER



SLINGER + BACKFILL

BOOK A TRUCK
905.297.4695
www.supersucker.ca



WELCOME & KEYNOTE



DOUGLAS LAPP
PRESIDENT &
CEO ORCGA

WELCOME MESSAGE FROM PRESIDENT AND CEO

On behalf of the Board of Directors, welcome to Ottawa for the 2020 ORCGA Damage Prevention Symposium, February 11-13, at the Fairmont Chateau Laurier.

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 the Late Locates Plenary Panel session on Thursday and will be providing ample time for questions and answers on this pressing provincial issue. The ORCGA is also pleased to present 2 leading keynote speakers on both Wednesday and Thursday, which are highlighted below.

The exhibition hall provides opportunities for one-on-one interactions with our vendors who will be showcasing the newest approaches to damage prevention. Join me in networking with colleagues, exchanging information and perspectives, all while enjoying the Welcome Reception on Tuesday and the Canadiana Reception on Wednesday evening along with Jowi Taylor and the Six String Nation guitar, "Voyageur".

All event information is now at your fingertips on the new 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.



RON KELUSKY

ABOUT KEYNOTE SPEAKER RON KELUSKY

Ron Kelusky is Ontario's Chief Prevention Officer (CPO). The CPO oversees the Prevention Office within the Ministry of Labour, and has a wide range of responsibilities, including:

- Working with Ontario's health and safety system partners to prevent workplace injuries, illnesses and fatalities
- Reporting to the Minister of Labour on the performance of Ontario's occupational health and safety system through an Annual Report
- Setting province-wide training and safety programs standards
- The establishment and implementation of a new provincial occupational health and safety strategy

Ron will outline upcoming ministry initiatives on Wednesday morning following the opening address.



MARGARET KENEQUANASH

ABOUT KEYNOTE SPEAKER MARGARET KENEQUANASH

Margaret Kenequanash, CEO of Wataynikaneyap Power, will discuss the Wataynikaneyap Power Transmission Project that will connect remote First Nations communities to the electrical grid. Wataynikaneyap Power will develop, manage construction, and operate approximately 1,800KM of transmission lines in northwestern Ontario. 24 First Nation communities working together and controlling development of infrastructure within their homelands is unprecedented and will be a catalyst for greater prosperity and economic self-determination.

EVENT SPONSORS

PHOTO SPONSOR



WELCOME GIFT



LANYARDS



DAILY AGENDA AND TRADESHOW MAP



DELEGATE BAGS



KEYNOTE PRESENTATION



VIDEO PRESENTATION



PROGRAM ADVERTISING



PROGRAM ADVERTISING



WEDNESDAY BREAKFAST
SPONSOR



THURSDAY BREAKFAST
SPONSOR



THURSDAY LUNCH
SPONSOR



Natural Gas Sewer Safety Inspections



Natural gas pipelines installed using trenchless practices may have inadvertently penetrated sewer service lines.

Using motorized or water-jetting equipment to clear the sewer line can damage a natural gas line resulting in a gas leak, fire or explosion.

Before clearing a blocked sewer beyond the outside of a building, take the necessary precautions to protect yourself and others.

Always call Ontario One Call at 1-800-400-2255 to request a free Natural Gas Sewer Safety Inspection.

Enbridge Gas
Damage Prevention Department
1-866-922-3622
enbridgegas.com/sewersafety

 **ENBRIDGE**[®]
Life Takes Energy[®]

PROGRAM AT A GLANCE

TUESDAY, FEBRUARY 11

Time	Event	Sponsor	Location
8:00 a.m. – 12:00 p.m.	ORCGA Board of Directors Meeting		Renaissance Room
10:00 a.m. – 12:00 p.m.	DIRT Committee Meeting		Burgundy Room
12:00 p.m. – 1:00 p.m.	Lunch		Various
1:00 p.m. – 4:00 p.m.	Events and Communication Committee Meeting		Drawing Room
1:00 p.m. – 4:00 p.m.	Best Practices Committee Meeting		Laurier Room
1:00 p.m. – 4:00 p.m.	Geographic Council Meeting		Burgundy Room
4:00 p.m. – 5:00 p.m.	ORCGA Annual General Meeting		Renaissance Room
5:00 p.m. – 7:00 p.m.	Tradeshow Welcome Reception	ORCGA	Ballroom - Exhibit Hall

WEDNESDAY, FEBRUARY 12

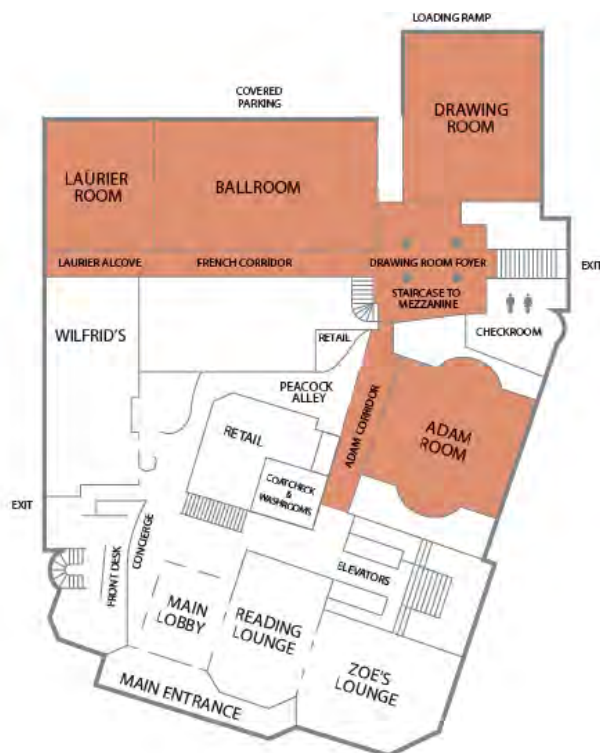
Time	Event	Sponsor	Location
7:30 a.m.	Breakfast Begins	Ontario Excavac	Adam Room
8:15 a.m.	Welcome Address, Board Address, Committee Updates		Adam Room
9:00 a.m.	Keynote Speaker, Ron Kelusky, Chief Prevention Officer		Adam Room
9:45 a.m. - 10:30 a.m.	Concurrent Sessions	Avertex Utility Solutions Inc.	Various
10:30 a.m. - 11:00 a.m.	Networking and Coffee Break		Ballroom - Exhibit Hall
11:00 a.m. - 11:45 a.m.	Concurrent Sessions	Avertex Utility Solutions Inc.	Various
12:00 p.m. – 2:00 p.m.	Jowi Taylor, Six String Nation, Committee Updates, Awards Luncheon	Planview Utility Services	Adam Room
2:00 p.m. – 2:45 p.m.	Concurrent Sessions	Avertex Utility Solutions Inc.	Various
2:45 p.m. – 3:45 p.m.	Networking and Coffee Break		Ballroom - Exhibit Hall
3:45 p.m. – 4:30 p.m.	Concurrent Sessions	Avertex Utility Solutions Inc.	Various
5:00 p.m. - 7:00 p.m.	Canadiana Reception with Jowi Taylor and Voyageur	ORCGA	Ballroom - Exhibit Hall

THURSDAY, FEBRUARY 13

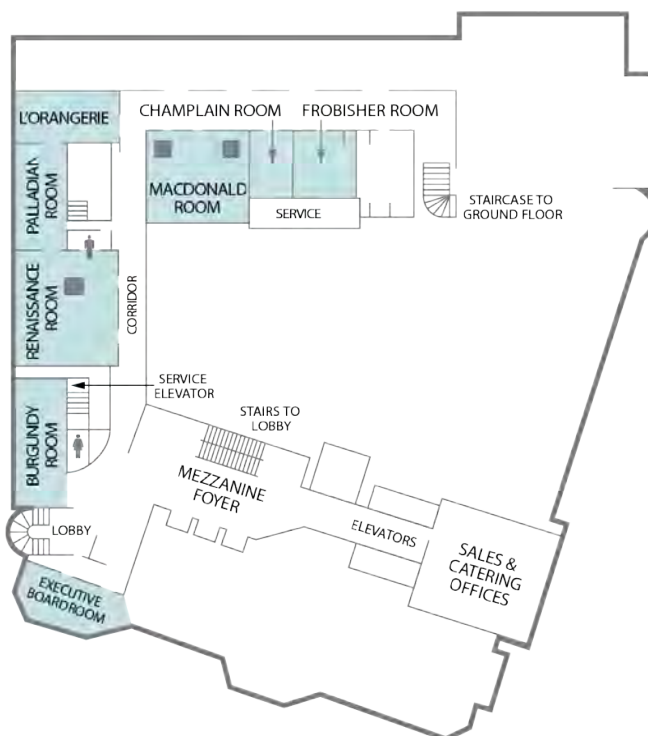
Time	Event	Sponsor	Location
7:00 a.m.	Breakfast Begins	Enbridge	Adam Room
7:30 a.m.	Ontario One Call Report, ORCGA Committee Updates Keynote Speaker, Margaret Kenequanash, CEO, Watay Power		Adam Room
8:30 a.m. - 9:15 a.m.	Networking and Coffee Break		Ballroom - Exhibit Hall
9:15 a.m. – 10:00 a.m.	Concurrent Sessions	Avertex Utility Solutions Inc.	Various
10:00 a.m. - 10:30 a.m.	Networking and Coffee Break		Ballroom - Exhibit Hall
10:30 a.m. – 12:00 p.m.	Video Presentation, Panel Presentation Address	Rhino Marking & Protection Systems	Adam Room
12:00 p.m. – 1:15 p.m.	Lunch, Vendor Prize Giveaway and Symposium Adjournment	TSSA	Ballroom - Exhibit Hall

FLOOR PLANS

FAIRMONT CHATEAU LAURIER - LOBBY



FAIRMONT CHATEAU LAURIER - MEZZANINE



REGISTRATION DESK

The Registration Desk is located outside of the Adam Room on the Lobby level.

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

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

Wednesday, February 12 – 7:00 a.m. – 6:00 p.m.

2020 ORCGA ANNUAL GENERAL MEETING

Join us on February 11 in the Renaissance Room, at 4:00 p.m. to hear about issues that matter to you.

The Board Executive will present the 2019 ORCGA Annual Report, the strategic direction and priorities for 2020, the ORCGA financial statements, election and appointment of new directors to the board, as well as reviewing the 2019 year-end 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 the Ballroom on the Lobby level.

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

- The Welcome Reception on Tuesday, February 11, starting at 5:00 p.m., featuring a complimentary beverage for registered delegates!
- The complimentary Canadiana Reception on Wednesday, February 12, beginning at 5:00 p.m. featuring Jowi Taylor and "Voyageur".
- All coffee and networking breaks during the Symposium.

See you on the Tradeshow Floor!

EXHIBIT HALL HOURS

Tuesday, February 11 – 5:00 p.m. – 7:00 p.m.

Wednesday, February 12 – 10:00 a.m. – 7:00 p.m.

Thursday, February 13 – 9:00 a.m. – 12:00 p.m.

THURSDAY PLENARY - 10:30 A.M. - Adam Room - Late Utility Locates Panel

The ORCGA will be continuing the discussion on Late Locates in Ontario. The Late Locate Panel speakers are:

Panel Moderator: ORCGA – Doug Lapp

Panelists:

- Ontario One Call – Ben Hamilton
- Utility, Hydro One – Bav Mistry
- Locator, multiVIEW – Kevin Vine
- Municipality, Region of Peel – Nectar Tampacopoulos
- Excavator, North Rock – Tony DiPede

Take advantage of the opportunity to ask our panel experts questions on the Late Locate Issue.

WI-FI

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

Network Name: Fairmont_Meeting

Group Password: ORCGA

SOCIAL MEDIA

Share your memorable Symposium pictures, video and experiences online using #2020DPS and #DigSafe.

PHOTOGRAPHY DISCLAIMER

Photographs will be taken at the 2020 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



MOST IMPROVED



RECOGNIZING VOLUNTEER SERVICE

The ORCGA would like to acknowledge
Events and Communication Co-Chair | Crystal Bedore | Ontario One Call

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.

EXHIBIT FLOOR - BALLROOM



- 1 Vivax Metrotech
- 2 OEC
- 3 J.D. Barnes
- 4 Model Tech
- 5 CR Wall
- 6 PelicanCorp
- 7 Drain-All Ltd.
- 8 Tri-Versa Global
- 9 GSSI
- 10 Canadian Energy Regulator (CER)
- 11 Ontario One Call
- 12 Super Sucker
- 13 Planview
- 14 Korterra
- 15 Valard
- 16 Ontario Joint Pipelines
- 17 Cablewave
- 18 Competers
- 19 multiVIEW
- 20 Telonix Communications Inc.
- 21 Jubb Utility Supply Limited
- 22 Terrapro
- 23 Rhino Marking and Protections Systems
- 24 Joe Johnson Equipment
- 25 T2 Utilities
- 26 JD Brule
- 27 PGC Services
- 28 Cansel Survey Equipment
- 29 Bluewater Ideas

Jowi Taylor is a multiple award winning writer, broadcaster, consultant and cultural entrepreneur.



JOWI TAYLOR

Six String Nation, conceived in 1995, took eleven years to bring to life. Centered around a single acoustic guitar – nicknamed Voyageur and built from over sixty pieces of Canadian history representing different cultures, communities and characters from every part of the country. This project combines Jowi's fascinations with music, media, community engagement, and the dynamics of Canadian history and multicultural identity.

Hear Jowi's inspiring stories at the Awards Luncheon on Wednesday. Come meet Jowi and Voyageur who will be featured at the ORCGA Canadiana reception in the Ballroom on Wednesday night.

EXHIBITORS

29 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.

17 CABLEWAVE

Cablewave Utility Services represents an integrated company offering complete utility planning solutions and private locate services. Proudly serving the industry throughout Ontario.

10 CANADIAN ENERGY REGULATOR (CER)

The Canadian Energy Regulator (CER) is Canada's energy and safety regulator of international and interprovincial pipelines. We oversee safety for the full life cycle of the pipeline and promote safe work practices around pipelines through regulation, monitoring and compliance enforcement. The CER is the federal regulatory champion for the Canadian CGA.

28 CANSEL SURVEY EQUIPMENT

For over 50 years Cansel has helped organizations in the 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.

18 COMPETERS

Competers Inc is a software development firm specializing in automated damage prevention solutions. They develop, support and maintain the Utilocate Enterprise Ticket Management solution for utility companies and locate contractors; as well as UExcavate Automated Locate Manager for excavators. Competers specializes in all facets of software development and can help you dig safer. We are "Your Software Team".

5 CR WALL

CR Wall is a leading supplier and distributor of measurement, regulation, operations and personal safety products for the Canadian natural gas industry. We partner with world-class manufacturers and service providers to meet the unique requirements of our customers. By increasing efficiencies, performance, safety and cost-savings, customers consistently receive exceptional value.

7 DRAIN-ALL LTD.

Drain-All Ltd. is an integrated environmental services company providing hydro-excavation, daylighting and CCTV inspections for industrial, utilities, municipal, institutional, commercial and residential customers. Drain-All also provides a variety of environmental, non-haz & haz waste handling & disposal solutions. Founded in 1984, Drain-All operates out of 2 locations in Ottawa (one of which is a Haz Waste transfer station) and a Haz Waste transfer station in Napanee. Drain-All Ltd. continues to focus on leading the industry in performance, service reliability, safety, training and liability mitigation.

9 GSSI

Geophysical Survey Systems, Inc. is the world leader in the development, manufacture, and sale of ground penetrating radar (GPR) equipment, primarily for the concrete inspection, utility mapping and locating, road and bridge deck evaluation, geophysics, and archaeology markets. Our equipment is used all over the world to explore the subsurface of the earth and to inspect infrastructure systems non-destructively. GSSI created the first commercial GPR system 50 years ago and continues to provide the widest range and highest quality GPR equipment available today.

3 J.D. BARNES

J.D Barnes Limited takes great pride in being a technological leader and innovator in the land of surveying and Geomatics profession. Since the firm was founded in 1960, we have constantly expanded our services by investing in leading-edge technology and developing in-house processes beyond traditional land surveying to include the latest technological advancements in complementary fields such as aerial mapping, web mapping services, LiDAR scanning, bathymetry and utility surveys. We've continued to grow and now employ close to 480 professional surveyors, engineers, technologists, technicians, systems analysts and programmers, as well as support staff, in fourteen regional offices throughout Ontario.

26 JD BRULE



Eastern Canada's experts in full-service equipment, specializing in hydro vacuum trucks and sewer combination cleaners.

24 JOE JOHNSON EQUIPMENT

Joe Johnson Equipment (JJE) 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.

21 JUBB UTILITY SUPPLY LIMITED

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 and safety equipment.

14 KORTERRA

KorTerra's comprehensive ticket management software is backed by agile development and highly responsive support teams that collaborate directly with customers to ensure delivery of the most advanced technology, intuitive interface, and robust functionality. We also provide process consulting and software training services to promote streamlined and functional operations. We know you save lives with the work you do; we're here to help you every way we can. Visit Korterra.com to learn more.

4 MODEL TECH

MODELTECH INT'L. designs & manufactures interactive 3D simulators that help public educators & trainers raise awareness about diverse topics such as fire prevention, energy safety & efficiency, digging safety & workplace safety. Since the 1990's, Modeltech Int'l. has helped convey critical information to audiences for thousands of electrical & gas utilities and fire depts. around the world. Our goal is to help and support public educators & trainers to raise awareness & to boost remembering of their safety messages.

19 multiVIEW

multiVIEW Locates Inc. has been providing Utility Locating and Geophysical services across Ontario for more than 30 years. We're experts at capturing, interpreting and presenting subsurface information. Through robust training and a wide variety of technology, we're able to locate and map any type of buried utility, no matter how complex. We turn complex data into accurate and meaningful information that can be readily understood, allowing our customers to cut costs and complete projects safely and successfully. Service areas include: Utility Locating, Subsurface Utility Engineering (SUE), Vacuum Excavation, Ticket Look Up and Screening, GIS & CADD Infrastructure Records Services, Concrete Scanning and Geophysics.

2 OEC



OEC's group of energy and infrastructure companies serve municipalities, telecommunications, electrical distribution, and energy infrastructure businesses throughout Canada and beyond. OEC's people are driven to lead, innovate and commit to excellence, to deliver value for our customers. OEC specializes in integrated services including utility engineering, asset management, utility locates, meter reading, GIS mobile and aerial mapping, commercial energy generation/storage/GeoExchange, and more. Visit our website at www.oecorp.ca for additional information.

16 ONTARIO JOINT PIPELINES

The Ontario Joint Pipeline Group is comprised of the high pressure transmission pipeline companies operating in Ontario who work together to educate the public and other stakeholders on living and working safely near pipelines. The group provides information on topics including federal and provincial regulations, damage prevention and the importance of contacting Ontario One Call.

11 ONTARIO ONE CALL



Ontario One Call is a not-for-profit statutory organization that receives requests to locate buried infrastructure from excavators and notifies utility owners of an excavator's intent to dig. Join us at booth 11 to learn about the Ontario One Calls' upcoming Professional Locate Administrator Course. Designed to advance experts, this course will simplify the request process, increase the level of consistent high-quality tickets, and help with the timely delivery of locates.

6 PelicanCorp

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.

27 PGC Services

PGC Services is a Canadian owned Hydrovac Excavation company. With offices in Ottawa, Stouffville, GTA, Barrie, Guelph, Hamilton and London.

The current fleet of variable size Hydrovacs across all branches exceeds 50 units throughout Ontario.

13 PLANVIEW



PLANVIEW Utility Services Ltd. Planview Utility Services Ltd. offer a synergistic suite of expertise in Engineering and Design, Subsurface Utility Engineering (SUE), and Geographic Information Systems (GIS). We empower superior decision-making with superior spatial analysis. Utilities rely on us during Asset Planning and Pre-Engineering work; from Engineering Design, Structural Analysis, and Permitting; right through to Asset Records Management. Planview Utility Services' wealth of utility experience sets us apart.

23 RHINO MARKING AND PROTECTIONS SYSTEMS

We provide the industry's most efficient and effective damage prevention marking systems. We have over 17 million products in the field around the globe. Committed to preventing facility damages through effective communication and public awareness, our Damage Prevention Consultants help write stringent material specifications and create O&M procedures that ensure the right tool is employed for the right application.

12 SUPER SUCKER

COR certified since 2017, Super Sucker is a safety-focused total solution provider. With over 100 trained and skilled professionals, we deliver the highest value to our customers with our extensive fleet of hydro vacs (including 4 large trailer vacs), dry suction excavation trucks, project management, coring and reinstatement, mobile concrete and material slingers. Serving Ontario with facilities in Burlington, Hamilton, London, Mississauga, and Newmarket/ Bradford.

25 T2 UTILITY ENGINEERS INC.

T2 Utility Engineers offer a full range of services related to utility infrastructure. The foundation of our business is the collection of accurate, reliable utility data in accordance with Subsurface Utility Engineering principals and current ASCE and CSA Standards. Our services include Subsurface Utility Engineering, sewer inspection services, utility coordination and utility design. E: info@t2ue.com T: 1-855-222-T2UE

20 TELONIX COMMUNICATIONS INC.



TELONIX 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.

22 TERRAPRO

TerraPro is one of the largest access matting companies in Canada. Established in 2006, TerraPro provides environmental, terrain protection and remote access solutions including mat sales, rentals and logistics here in Ontario. All of this plus earthworks, reclamation services and surface rentals in the west. Our customer base spans across a wide array of industries. We are a safe and reliable partner for your access needs!

8 TRI-VERSA-GLOBAL

For over 30 years Tri-Versa-Global has offered our clients a wide range of quality promotional products. Tri-Versa-Global works with industry leading suppliers in Canada, the United States and overseas allowing us to offer a vast array of products and services to help complement any marketing campaign. From apparel to hard goods, print and POS/POP, corporate e-commerce, catalogue programs, artwork and design, idea generation, product concept development and more, we help you make your mark.

15 VALARD

Valard is a utility contractor that is focused on its clients' success. Since 1978, we've delivered projects safely, on time and on budget. We have the experience, knowledge and resources to take on any utility project, any size, any complexity, any place in Canada. Clients come back to us because we produce unparalleled work quality. We also work with them openly and closely to minimize project costs and eliminate over-runs. Discover our difference.

1 VIVAX

Vivax-Metrotech is committed to meet and exceed our customers' needs with prompt, professional service, providing quality innovative products at competitive prices! Our in-house service center can perform complete service and calibration. We fix what we sell, not just replace parts, saving you time and money.

SYMPOSIUM PLENARIES AND SESSIONS

Wednesday Breakout Sessions | 9:45 a.m. | Renaissance Room

District Energy Systems – Benefits in the National Capital and Beyond

What is District Energy and its benefits? Hear about FVB Energy projects in Ontario, North America and Europe, as well as guidelines on safe construction and Damage Prevention to Distribution Piping Systems.

Wednesday Breakout Sessions | 9:45 a.m. | MacDonald Room

Government of Canada – Digs into Damage Prevention

This session demonstrates the positive results that are being achieved through collaborating for better damage prevention.

From the proposed Bill S-229 to the partnership that has been developed between the Canadian Common Ground Alliance (CCGA) and Public Services and Procurement Canada (PSPC), the Government of Canada is working to improve the protection of its underground assets.

Wednesday Breakout Sessions | 9:45 a.m. | Drawing Room

Managing Locates on Private Property

Damage prevention when excavating on private property requires a good understanding of privately-owned facilities, how and who marks them, and knowing how to manage the challenges and limitations.

Topics that will be discussed:

Steps of a Private Property Locate, Demarcation Points, Private Locate Challenges and Managing Limitations.

Wednesday Breakout Sessions | 11:00 a.m. | Renaissance Room

Evolution of Best Practices

This presentation will cover Best Practice development across Canada at the national, provincial and local levels.

It will highlight the development and implementation of both the ORCGA and CCGA Best Practice Manuals.

Mr. Campbell will also discuss the consensus model and how it continues to produce results and challenges across the country.

He will cover the origins of the CSA Z247 standard and challenges related to its implementation.

Wednesday Breakout Sessions | 11:00 a.m. | MacDonald Room

International Initiatives for Mapping Surface Utilities

Damage to underground utilities during construction represents a significant risk to the public and is a major cause of construction project delays and budget overruns.

In this session, international initiatives in the UK, US, Netherlands and Belgium are working towards reducing the number of incidents of underground utility damage. Can such initiatives be adopted in Canada?

Wednesday Breakout Sessions | 11:00 a.m. | Drawing Room

Bloor Street Lessons Learned: How Enbridge Improved Safety Culture

Based on the findings and recommendations of the Ontario Ministry of Labour and our own investigation into the Bloor Street incident, we discovered many areas where we could improve the safety and reliability of operations.

Our improved efforts on safety culture and process safety will be discussed, as well as the continued efforts within Enbridge to enhance damage prevention.

Wednesday Breakout Sessions | 11:00 a.m. | Laurier Room

Map as You Go

Struggling with having to change your field workflow to adhere to an out of the box utility mapping solution?

Concerned about getting your utility data stored on multiple devices back to the office with an out of the box solution?

Frustrated because you know that there must be a better way?

Come and learn about an organization who saw 50% reduction in time to conduct a major depth of cover survey utilizing the solution.

Wednesday Breakout Sessions | 2:00 p.m. | Renaissance Room

LiDAR as a Predictive Mapping Tool

Laila Gibbons, Director of Roads and Parking services for the City of Ottawa, used a new tool during the 2019 Ottawa floods: a mapping program that showed the danger each additional centimetre of water could pose to buildings and infrastructure. Laila will share with delegates the history of Ottawa flooding and topography, the impacts of climate change on communities and the benefits of using LiDAR in future flood scenarios.

Wednesday Breakout Sessions | 2:00 p.m. | MacDonald Room

How and Why Locates Work or Don't

Jeremy will explain how locates work - from creating The Electromagnetic Field, to what challenges are faced while performing a locate in our current congested environment.

He will discuss why certain conditions make it difficult or impossible to complete a locate.

His presentation is great for planners and engineers, or anyone not clear on how a locate is actually done.

Wednesday Breakout Sessions | 2:00 p.m. | Laurier Room

Pros and Cons of Air vs Water – Vacuum Excavation

Vacuum excavation is extremely important for a contractor.

Many provinces today have laws defining tolerance zones of utilities.

A tolerance zone is an area on each side of the utility where mechanical excavation cannot be employed and only the use of vacuum excavation or hand tools is allowed.

Learn about the pros and cons of each type of vacuum excavation.

Wednesday Breakout Sessions | 3:45 p.m. | Renaissance Room

LiDAR for Utilities

Since its inception, LiDAR technology has been used to generate dense, richly-detailed datasets, from which it has become increasingly easy to extract salient features and generate 3D Models.

LiDAR has been and is being used extensively to acquire and map data for Utilities applications.

Corridor Mapping, Asset Management, and vegetation encroachment are just a few of the applications to which it is being applied.

We'll review the various aspects of the technology and examine some of the use cases.

Wednesday Breakout Sessions | 3:45 p.m. | Laurier Room

Effective Communication with Excavators

One of the weakest links in the Damage Prevention Industry's One Call process is ineffective communication. Effective communication depends on the entire communication chain, which begins with the One Call Ticket submission and continues through ticket completion. Failure here can lead to damages and other devastating results. Many organizations leverage technology to assist in this vital communication, yielding higher levels of transparency and dependable communication avenues.

Wednesday Breakout Sessions | 3:45 p.m. | MacDonald Room

Day in the Life of a Damage Prevention Inspector

Hear from Hydro Ottawa experts who will focus their presentation on the areas of Hazard Recognition and Incident Management techniques that are currently being used in the field.

Thursday Breakout Sessions | 9:15 a.m. | Burgundy Room

Canadian Energy Regulator – What's New, Aside from Our Name

This session will provide an overview on the transition from the NEB to the CER and talk about the changes and damage prevention regulatory updates for federally regulated pipelines and power lines.

Thursday Breakout Sessions | 9:15 a.m. | Renaissance Room

True Cost of Damages

The societal cost of damage to underground infrastructure is estimated to be \$1 BILLION per year according to the 2018 CCGA DIRT Report. The true cost of damaged utilities can easily be underestimated when only repair costs are tracked and documented. Join Scott for an open discussion about the true cost of damages across all utility segments.

Thursday Breakout Sessions | 9:15 a.m. | MacDonald Room

Do Canada's Stakeholders Have the Same Understanding of SUE as You?

The Centre for Advancement of Trenchless Technologies conducted a survey of Canada's industry stakeholders to determine their understanding and perspectives on Subsurface Utility Engineering practices across Canada, such as, barriers to its use and how it is being used. This survey is designed to act as a benchmarking survey for comparison of future surveys to determine quantitatively how Canada's industry stakeholders' perspectives have changed over time.

Thursday Breakout Sessions | 9:15 a.m. | Laurier Room

How Improvements in Mapping can Reduce Notifications

A presentation and open discussion on how improving mapping can reduce the number of unnecessary locates being sent to members and locate service providers, which in turn can help reduce the late locate issue that the excavation community are experiencing.

We will also discuss ways in which the members can improve their mapping and how the locators can provide data which can be used to improve the accuracy and therefore the member confidence in their mapping.

Thursday Plenary Session | 10:30 a.m. | Adam Room

Late Utility Locates Panel

The ORCGA will be continuing the discussion on Late Locates in Ontario. The Late Locate Panel speakers are:

Panel Moderator:
ORCGA – Doug Lapp

Panelists:
• Ontario One Call – Ben Hamilton
• Utility, Hydro One – Bav Mistry
• Locator, multiVIEW – Kevin Vine
• Municipality, Region of Peel – Nectar Tampacopoulos
• Excavator, North Rock – Tony DiPede

Take advantage of the opportunity to ask our panel experts questions on the Late Locate Issue.

OUR SPONSORS

PLATINUM SPONSOR



GOLD SPONSORS



SILVER SPONSORS



BRONZE SPONSORS



Contractors Specializing in
Underground Utility Installation



AVERTEX
UTILITY SOLUTIONS INC.

CAPABILITY YOU CAN TRUST



ELECTRICAL UTILITIES ▪ RAILROAD UTILITIES ▪ RENEWABLE ENERGY
TELECOMMUNICATIONS ▪ WATER & SEWER ▪ SPECIALTY SERVICES

1.888.837.3030
AVERTEX.ca

See you next year at the
2021 ORCGA Damage Prevention Symposium,
February 9-11,
at Sheraton on the Falls, Niagara Falls, ON



Hydro One would like to welcome all delegates to the
2020 ORCGA Damage Prevention Symposium, February 11-13, at
Fairmont Chateau Laurier, Ottawa, ON.



Partners in Powerful Communities



OSWCA would like to welcome all delegates to the
2020 ORCGA Damage Prevention Symposium, February 11-13, at
Fairmont Chateau Laurier, Ottawa, ON.



Why take the risk?

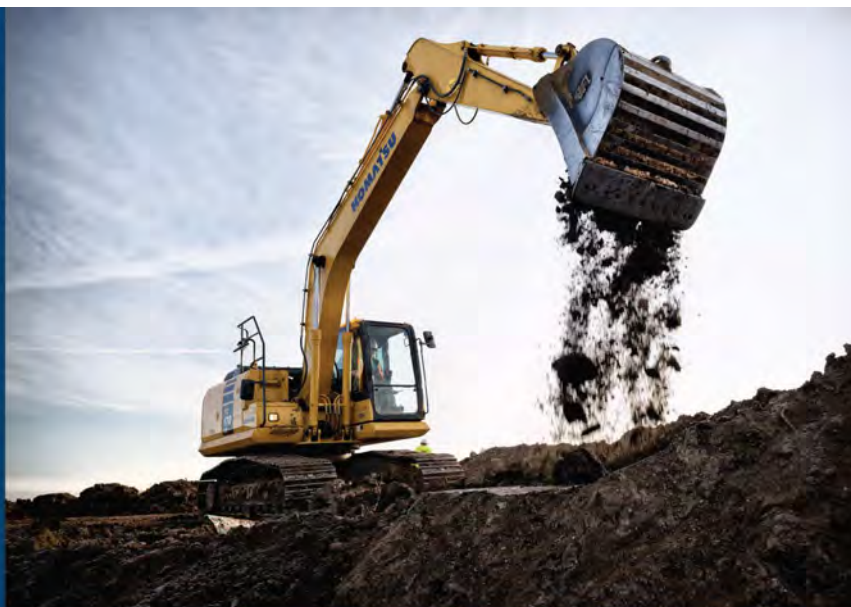
You're probably pretty sure where the underground utilities and pipelines are on your property.

But would you settle for "pretty sure" when it comes to turning off a breaker, or putting your hand into a piece of machinery?

Why take the risk?

Whether tiling, fencing or any other digging, contact your local One-Call operator first, and wait for the locate.

Go to ClickBeforeYouDig.com, because trying to save time could cost you more than you can imagine.



**Click
Before
YouDig.com**



EARN 2 GOLD SEAL CREDITS

EARN 2 GOLD SEAL CREDITS

The Ontario Regional Common Ground Alliance is proud to announce that attendees of the 2019 ORCGA Damage Prevention Symposium will receive 2 credits towards their Gold Seal Certification through the Canadian Construction Association.

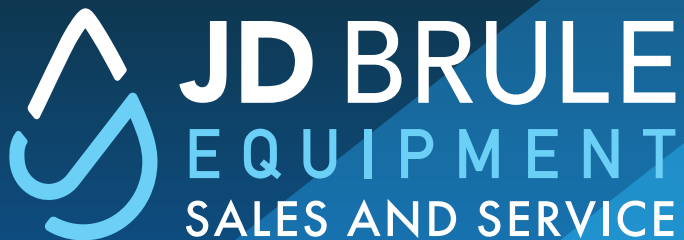
The Gold Seal Certification program supports the development of skilled and serious construction & heavy civil management professionals across Canada. Obtaining this certification is evidence that the individual has met the necessary requirements to perform their role. For more information about this program, visit goldsealcertification.com.

The 2020 ORCGA Damage Prevention Symposium is at your fingertips!



- Go to Apple Store or Google Play
- Search "CrowdCompass Attendee Hub App"
- Download
- Search for event "ORCGA 2020 Damage Prevention"
- Sign in with your credentials
- Ensure your notifications are on so you don't miss out on any updates or reminders

SPECIALIZING IN SEWER, VACUUM, AND CIPP EQUIPMENT



THE JD BRULE DIFFERENCE

Our mission is to provide you with the right truck to help you get the job done more efficiently, reduce your maintenance costs, and keep your operators safe.

THE EQUIPMENT YOU WANT, THE ADVICE YOU TRUST



Over **30** years of knowledge and experience in the trade – to complete your projects faster while maintaining the highest safety and workmanship standards.



**FULLY STOCKED PARTS
AND SERVICE**



**AUTHORIZED DEALER
AND SERVICE CENTRE**



JD BRULE EQUIPMENT

1357 Barfield Rd.,
Greely, ON K4P 1A1
613-656-6663

www.jdbrule.com

HOURS OF OPERATION:

Mon to Fri: 7:00 AM to 7:00 PM