



# What is ROW Management Anyways?



# What is ROW Management Anyway?

Speakers Introductions

OPWA Director – Liaison for ROW Management Committee:

**Director:**

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# What is ROW Management Anyway?

Speakers Introductions

ROW Management Committee Chair:

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Project Manager Roads Design and Construction

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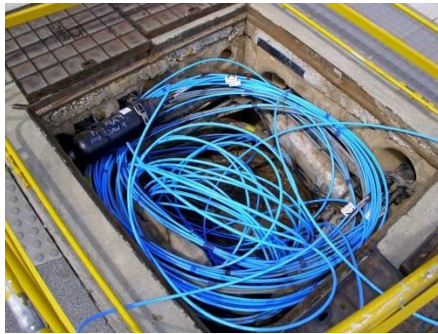
# What is in the ROW?

What is in a Public Right-Of-Way - Municipal Assets



# What is in the ROW?

What is in a Public Right-Of-Way – Private Assets





# Who Uses the ROW ?

Who Uses the ROW ?



# Why Manage the ROW?

APWA Publication



# Why Manage the ROW?

- Reduction of cuts in roads/sidewalks for infrastructure (telecommunications, gas, electrical, water etc.)
- Damage prevention of existing infrastructure (public safety, compensation damages etc.)
- Avoiding multiple users in the same section of the ROW at once.
- Minimize traffic congestion impacts
- Increase life span of ROW assets
- Allow for future utilization above and below ROW



# How to Manage the ROW?

- Establish permit, location, inspection, and pavement restoration controls
- Encourage scheduling and coordination mechanisms for all right-of-way users
- Obtain and maintain accurate information for locating facilities in the rights-of-way
- Hold responsible parties accountable for the restoration of the rights-of-way

# How to Manage the ROW?

- Reviews to Optimize ROW usage (i.e. Municipal Consent, Road Occupancy, wide loads, encroachment permits, special event etc.)
- Set Standards for reviews for Public Safety and Traffic Impacts
- Permitting to Coordinate multiple activities



# OPWA ROW Management Committee

# The History

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The Right of Way Management Committee is a group of stakeholders that includes:

- Municipalities,
- Utilities,
- Consultants,
- Developers and Contractors (looking to add)

# The History

- 2010 - OPWA hosted a technical workshop on right-of-way management
- A working group (UCBPWG) was formed to develop best practices
- UCBPWG involved with the development of the TAC Guideline for the Coordination of Utility Relocations
- December 2016 OPWA approved the ROW Management Committee and added it to its governance



# What We Do

## ROW Management Committee's Mission Statement:

To develop relationships, knowledge and best practices that will educate users and stakeholders on the efficient use and management of the public Rights-of-Way.

# What We Do

## Goals

- Develop documentation and forums to raise right-of-way management awareness, promote the best use of the public rights-of-way for the public good
- Engage stakeholders from all industry sectors in discussions on common issues.
- Strengthen existing and promote new relationships within the Row stakeholders.

# What We Do

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## Goals (continued)

- Become the “Go To” source for public rights-of-way management issues and answers.
- Certified deliverer of “Professional Development” courses for OACETT and PEO
- Create a National public ROWMC within 10 years.

# Who We Are

## ROW Management Committee Member Composition

### 6 Municipal Members

- York Region
- City of Mississauga
- City of Markham
- Peel Region
- Durham Region
- Simcoe County

### 5 Utility Members

- Enbridge Gas
- Alectra Utilities
- Hydro One
- Rogers Cable
- Bell Canada

# Who We Are

## ROW Management Committee Member Composition

### 4 Consultants/Associations

- T2 Utility Engineers
- SCS Consulting
- Canadian Sign Association
- Aecom

### 2 Government Agencies

- MTO
- Metrolinx



# Who We Are

## ROW Management Committee Executives

OPWA Director – Liaison for ROW Management Committee:

**Director:**

Tracey Anastacio

Utilities Coordinator

City of Markham

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# Who We Are

ROW Management Committee:

**Chair:**

Barry Mulcahy, P. Eng

Project Manager Roads Design and Construction

Regional Municipality of Peel

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# Who We Are

ROW Management Committee:

**Vice-Chair:**

Steve Murphy, C.E.T.

Program Manager Corridor Control – CPD

The Regional Municipality of York

[steve.murphy@york.ca](mailto:steve.murphy@york.ca)



# Who We Are

ROW Management Committee:

**Secretary:**

Mark Cavanaugh

Manager - Utility Coordination and Design Services

T2 Utility Engineers

289-638-2197

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# Who We Are

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## 5 ROW Management Subcommittees



# Who We Are

## 1) ROW Management Conference Coordination Subcommittee

**Chair:**

Steve Murphy, C.E.T.

Program Manager Corridor Control – CPD

The Regional Municipality of York

[steve.murphy@york.ca](mailto:steve.murphy@york.ca)



# Who We Are

## 2) Public Utility Coordination Management Subcommittee

**Chair:**

Jevito Marchese

Supervisor, Maintenance Standards and Permits

City of Mississauga

905-615-3200 ext. 4024

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# Who We Are

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## 3) Permits Subcommittee

**Chair:**

Vacant

## 4) Data Intelligence & Information Sharing Subcommittee

**Co-Chair:**

Praful Mistry

Manager, Geographic Information System (GIS) Services

City of Richmond Hill

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**Co-Chair:**

Chris Gill

Access Network Structures Manager

Bell Canada

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# Who We Are

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## 5) Environmental Subcommittee

### **Chair:**

Jeff Johnston, C.E.T.

SCS Consulting Group Ltd,

905-475-1900

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# What Have We Accomplished so Far

- Established an Annual ROW Conference that is in its sixth year with 200+ participants.
- Established 5 sub committees in specific areas of ROW Management
- Collaborated with Transportation Association of Canada's Public Utilities Management Subcommittee in the preparation of the Guideline for the Coordination of Utility Relocations
- Developed partnership with Utility Engineering and Surveying Institute
- Diversified from the in-person conference to this years Webinar format
- Obtained approval for continuing professional development hours for OACETT



# COVID CHAOS The New Normal

October is being promoted by the OPWA and UESI as:

## ROW Management Month

In place of our annual conference which runs in October since 2015 this year we are running a series of Webinars on Tuesdays and Thursdays throughout the month of October



# 2020 ROW Management Webinar Series

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October 1 - What is ROW Management Anyways?

October 6 - Working on the ROW where Pipelines are Present

Looks at the most effective and safest way to work within or near a pipeline ROW. How and who to contact, crossing agreements, locates, setbacks and pre-work planning.

October 8 - Digital Twin and GIS

Digital twin refers to a digital replica of potential and actual physical assets, processes, people, places, systems, and devices that can be used for various purposes.





# 2020 ROW Management Webinar Series

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October 13 - MultiChannel GPR (MCGPR) Applications for your Project  
This webinar will present several MCGPR study cases showing unprecedented high-resolution images of shallow subsurface utilities, tree roots and abandoned railroad tracks.

October 15 - Digging into Late Locate Solutions

Late locates cause a number of disruptions in the public right of way. From costlier construction to traffic jams to damage to utilities, a locate performed late can eat up your budget. In December 2019, twenty five industry experts met to discuss and create solutions to these problems. Come learn what initial steps we're all taking.



# 2020 ROW Management Webinar Series

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## October 20 - Crossbore Safety

This session will examine how crossbores are created, and what Enbridge is doing to work collaboratively with stakeholders across our franchise area to raise public awareness and mitigate these hazards as much as possible.

## Oct 22 - Mobile LiDAR - Providing Efficiency in Survey Data Capture

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. ROW & Topographic Mapping and Asset Management are just a few of the applications to which it is being applied. This presentation will explore the various aspects of the LiDAR technology and examine some of the use cases.



# 2020 ROW Management Webinar Series

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## October 27 - 5G/Small Cell

Currently the United States is further along in the deployment of 5G/Small Cell infrastructure than most of Canada. This webinar will discuss the ROW management challenges faced by two cities in Kansas as well as speak to the national and state legislations/decisions on 5G/Small Cell deployment .

## October 29 - Winter Operations in the Right -of Way

Challenges are many for Winter Operations teams trying to maintain minimum maintenance standards in our Right of Ways.

Come discuss Winter maintenance and what it takes to manage all that cold stuff on our Roads!

Registration at: [rowmanagement.ca](http://rowmanagement.ca)



# Get Involved

## Volunteers Wanted Contact us!

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