WORKSHOP OVERVIEW

Industry leaders from the consulting, contracting, and equipment manufacturing fields will provide a total project perspective from inception to completion for delivering successful trenchless construction and rehabilitation projects. Experts will discuss the development of contracts and specifications, prequalification of consultants and contractors, design and execution, and risk management and QA/QC procedures. The selected case studies will highlight how to deliver projects within time, money and cost constraints. Through a review of the available practices and tools, attendees will learn how to plan and take necessary action to mitigate and manage risk.

Tentative SCHEDULE

8:00 - 8:20 | REGISTRATION & BREAKFAST

8:20 – 8:30 | WELCOME & INTRODUCTION
Dr. Mark Knight, CATT, University of Waterloo

8:30 – 9:00 | INTRODUCTION TO PIPELINE CONSTRUCTION PROJECT RISKS AND MANAGEMENT TOOLS
Dr. Rizwan Younis, CATT, University of Waterloo

9:00 – 9:30 | TRENCHLESS PIPELINE CONSTRUCTION RISK IDENTIFICATION AND ASSESSMENT
Marc Gelinas, Hatch Mott MacDonald

9:30 – 10:00 | HOW TO MANAGE TRENCHLESS PROJECT RISKS FROM DESIGN THROUGH TO CONSTRUCTION
Kevin Bainbridge, Robinson Consultants Ltd.

10:00 - 10:15 | NETWORKING BREAK

10:15 – 10:45 | OWNERS’ PERSPECTIVE TO TRENCHLESS PROJECT RISK MITIGATION
Mariana Balaban, Region of York

10:45 – 11:30 | CONTRACTORS’ PERSPECTIVE TO TRENCHLESS PROJECT RISK MITIGATION
Gene Woodbridge/John Currey, Earth Boring Company Ltd.

11:30 – 12:20 | LUNCH

12:20 – 12:50 | UNDERGROUND UTILITIES RISK MITIGATION USING SUBSURFACE UTILITY ENGINEERING PRACTICES
John Scaife, Cole Engineering

12:50 – 13:20 | GEOTECHNICAL RISKS AND MITIGATION FOR TRENCHLESS PIPELINE PROJECTS
Marc Gelinas, Hatch Mott MacDonald

13:20 – 13:50 | RISK MANAGEMENT CASE STUDY FOR A HDD PIPELINE CONSTRUCTION PROJECT
Dr. Mark Knight, CATT/University of Waterloo

13:50 – 14:20 | PRACTICES TO ENSURE SUCCESSFUL GRAVITY PIPELINE RENOVATION PROJECTS
Dr. Mark Knight, CATT/University of Waterloo

14:20 – 14:35 | NETWORKING BREAK

14:35 – 15:05 | CASE STUDIES ON RISK MANAGEMENT FOR POTABLE WATER PIPELINE RENOVATION PROJECTS
Geoff Britnell and Sadesh Mahalingam, Fer-Pal Construction

15:05 – 15:35 | CITY OF LOS ANGELES CASE STUDY ON VALUE ENGINEERING
Dr. Mark Knight, CATT/University of Waterloo

WHO SHOULD ATTEND THE WORKSHOP? Consulting engineers, designers, municipal employees, contractors, field technicians, suppliers, etc. with an interest in municipal pipelines who wish to keep abreast of emerging industry trends.

WHAT IS INCLUDED?
- Course material
- Breakfast, Lunch, and Refreshment during networking breaks
- 0.7 CEU’s
NAME

TITLE

COMPANY

ADDRESS

CITY    PROVINCE    POSTAL CODE

PHONE                    FAX

EMAIL

RECEIVED BY: Friday January 31, 2014

☐ $325/CATT MEMBER    ☐ $425/NON-MEMBER

RECEIVED: February 1 TO February 16

☐ $425/CATT MEMBER    ☐ $525/NON-MEMBER

RECEIVED AFTER: February 16

☐ $525/CATT MEMBER    ☐ $625/NON-MEMBER

Tax (HST 13%) $__________    Total $__________

☐ I would like to attend via LIVE WEBCAST

METHOD OF PAYMENT – PLEASE PICK ONE

☐ INVOICE COMPANY

☐ CREDIT CARD (MasterCard, VISA, American Express)

CARD #:         EXP:     /

NAME ON CARD:

☐ CHEQUE (Payable to “University of Waterloo, Attn: Centre for Advancement of Trenchless Technologies”)

COMPLETED REGISTRATION FORMS CAN BE MAILED AND FAXED
to Alice Seviora at the CATT office:
MAIL:    CENTRE FOR ADVANCEMENT OF TRENCHLESS TECHNOLOGIES
        Department of Civil and Environmental Engineering
        University of Waterloo, Waterloo, ON N2L 3G1
        ph 519 888 4770  f 519 746 6556  e alice.seviora@uwaterloo.ca

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Refund Policy: please visit our website www.catt.ca for our details on our refund policy.

OUR PLATINUM MEMBERS

OUR GOLD MEMBERS