Microtunneling for Municipal Construction
PRESENTED BY: CENTRE FOR ADVANCEMENT OF TRENCHLESS TECHNOLOGIES (CATT)
February 16, 2017, Mississauga Grand,
35 Brunel Rd, Mississauga, ON

WORKSHOP OVERVIEW
This one-day workshop will focus on the construction of municipal pipelines using the Microtunnelling trenchless construction method. Over the past several years Ontario has grown from not using Microtunnelling to becoming a leader in North America for complex and challenging projects that include curved concrete pipelines. Microtunnelling construction benefits include: reduced risk during construction, large greenhouse gas emission savings, rapid out-of-sight and out-of-mind construction, significant reduction in social and environmental costs.

Attendees will learn from leading international and national industry experts on state-of-the-art construction equipment, processes, design, construction risk mitigation and quality control and quality assurance. In addition, local case studies will be presented to demonstrate how successful on time and on budget projects can be constructed locally. This is a workshop you will not want to miss and is held only once a year.

Program*
8:00 – 8:15 | INTRODUCTION, Mark Knight, University of Waterloo, CANADA
8:15 – 10:15 | MICROTUNNELLING PROCESS AND EQUIPMENT, Gerhard Lang, Herrenknecht AG, GERMANY
10:15 – 10:30 | NETWORKING BREAK
10:30 – 11:00 | PILOT TUBE MICROTUNNELLING, Jason Holden, Akkerman, USA
11:00 – 11:30 | THE HYDRAULIC JOINT – KEY TO CURVED MICROTUNNELLING, Cyrill Althuser, Jack Control, SWITZERLAND
11:30 – 12:00 | GUIDANCE CONTROL AND DATA MANAGEMENT SYSTEMS, Martin Betsch, VMT, USA
12:00 – 13:00 | LUNCH
13:00 – 13:30 | DRILLING FLUID REQUIREMENTS, Mark Duckworth, BAROID IDP, CANADA
13:30 – 14:00 | KNOW YOUR SOIL/ROCK SITE CONDITIONS, Masoud Manzari, Thurber Engineering, CANADA
14:00 – 14:30 | PROJECT RISK MITIGATION AND DESIGN, Marc Gelinas, Hatch, CANADA
14:30 – 14:45 | NETWORKING BREAK
14:45 – 15:15 | CASE STUDY 1, Gene Woodbridge, Earth Boring Limited, CANADA
15:15 – 15:45 | CASE STUDY 2, Walter Trisi, CRS Tunnelling, CANADA
15:45 – 16:15 | CASE STUDY 3, Vittorio Petrucco, I.C.O.P. SpA, ITALY

* SUBJECT TO CHANGE
UPCOMING CATT EVENTS

TRENCHLESS TECHNOLOGIES 101
22/23-FEB-2017
WATERMAIN DEFECT CODING, CONDITION GRADING AND RENOVATION
09-MAR-2016

FOR MORE INFORMATION GO TO:
WWW.CATT.CA

THE CENTRE FOR ADVANCEMENT OF TRENCHLESS TECHNOLOGIES (CATT) was established in 1994 to help municipalities address their buried infrastructure challenges using new and less disruptive trenchless construction methods and infrastructure asset management practices.

For more information on CATT and member benefits visit www.catt.ca

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ATTENDEE NAME: ____________________________
TITLE: ____________________________
COMPANY: ____________________________
ADDRESS: ____________________________
CITY: ____________________________ PROVINCE: ____________________________ POSTAL CODE: ____________________________
PHONE: ____________________________ FAX: ____________________________
EMAIL: ____________________________

EARLY BIRD REGISTRATION: RECEIVED BY: Friday January 13, 2017
☐ $450/CATT MEMBER ☐ $600/NON-MEMBER

REGULAR REGISTRATION: RECEIVED: January 14 to February 12, 2017
☐ $550/CATT MEMBER ☐ $700/NON-MEMBER

ON-SITE REGISTRATION: RECEIVED AFTER: February 12
☐ $650/CATT MEMBER ☐ $800/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: ____________________________ CVC: ____________________________

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

COMPLETED REGISTRATION FORMS CAN BE FAXED TO (519) 746 6556 OR MAILED to Alice Seviora:
MAIL: CENTRE FOR ADVANCEMENT OF TRENCHLESS TECHNOLOGIES
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ph 519 888 4770 f 519 746 6556 email:alice.seviora@uwaterloo.ca

Note: To prevent fraud never send credit card information via email.
Refund Policy: please visit www.catt.ca for details on CATT’s refund policy.