



# TRENCHLESS TIMES

North American Society for Trenchless Technology

Volume 16, No. 3

June 2006

*Actively Advancing the  
Science and Practice of  
Trenchless Technology for the  
Benefit of the Public and  
Private Sectors, Industry and  
Government*

**An Affiliate of the  
International Society for  
Trenchless Technology**

**NASTT**  
**1655 N. Fort Myer Dr.**  
**Suite 700**  
**Arlington, VA 22209**  
**Phone: (703) 351-5252**  
**Fax: (703) 739-6672**

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## CHAIRMAN'S REPORT

### **NASTT means Trenchless Education**

by Joanne Hughes



**N**ASTT stands for quality trenchless education and training. Education and training has always been our mission — it is what we are all about. It is what we always have been about — from our original No-Dig conference in 1991 to today. What has changed and what excites us is the prospects of taking trenchless education and training directly where it's needed most — to the grassroots or local level.

Recognizing this need, we have begun to focus more of our efforts on local or regional training. We have adopted a multi-facet approach, which involves developing a host of high-quality training programs on all trenchless processes; soliciting and training individuals who are experts on trenchless to be effective instructors and working cooperatively with our regional chapters, other organizations, municipalities and the private sector to address the educational needs of the industry and the public at-large.

We believe we are off to an excellent start. We now have four trenchless courses covering cured-in-place, laterals, pipe bursting and horizontal directional drilling. In addition, we offer a course on trenchless technologies applications and processes. We have added new members to our instructor team, which will allow us to meet anticipated increased demand for regional training. We have had several successful programs involving cooperative arrangements with municipalities, the private sector and other educational organizations and agencies. I refer you to the articles in this newsletter for details.

In the February newsletter, we listed several objectives for the year. One was to offer at least 10 training seminars in locations across the United States and Canada during 2006. We now believe we will surpass this goal. What's more we have only scratched the surface. We feel challenged to do more!

Clearly, there is a significant need for and interest in trenchless applications and solutions. Quality education and training is a critical element in sustaining industry growth while protecting the public at large. This is our mission and we take it seriously. For those of you who thought that NASTT only stood for the North American Society for Trenchless Technology, you are wrong: We stand for much more!

Please join us in this effort by identifying potential training venues and partnering opportunities or by volunteering your services as an NASTT instructor.

## **NASTT Delivers Top-notch Training to Trenchless Professionals**

NASTT is known for providing top-notch, quality education and training programs to trenchless professionals. Whether you're experienced or a newcomer to the industry, you can hone your knowledge and skills through one of NASTT's training courses. Currently, NASTT offers five training courses covering these trenchless technologies – cured-in-place-pipe, horizontal directional drilling, laterals rehabilitation, pipe bursting and an overview of trenchless methods. Learn more about these training courses in the recap articles that follow.

### **CIPP Course Held at UCT in Atlanta**

Individuals with an interest in learning more about cured-in-place-pipe (CIPP) rehabilitation gathered in Atlanta to participate in a special one-day NASTT Cured-In-Place-Pipe Course held Jan. 26 following the Underground Construction Technology Conference. The course attracted a cross-section of municipal engineers, construction managers and contractors involved in the design, construction and inspection of CIPP renewal projects. The authors and creators of the CIPP training course were on-hand to instruct, including Mark Knight, University of Waterloo; Ian Doherty, Trenchless Design Engineering and Chris Macey, UMA Engineering.

### **CGA Hosts**

#### **Pipe Bursting Course in Phoenix**

NASTT held a one-day Pipe Bursting Good Practices Course in conjunction with the CGA Excavation Safety Conference & Expo on March 13 in Phoenix. Instructors Dr. Sam Ariaratnam with Arizona State University and Glenn Duyvestyn with Bennett/Staheli Engineers addressed these topics: pipe bursting techniques, planning and preliminary design recommendations, design and construction practices and troubleshooting. Gary Windholdz, an inspector supervisor with the Las Vegas Valley Water Distribution, commented, "The Pipe Bursting Course program content was much more than what I expected. Glenn and Sam did an excellent job."

### **HDD Course Held at No-Dig in Nashville**

NASTT offered the HDD Good Practices Course following the No-Dig Show in Nashville, March 28-29. Course instructors were Dr. Sam Ariaratnam with Arizona State University and Dave Bennett with Bennett/Staheli Engineers. The objective of the HDD course was to provide contractors, engineers and owners with a set of guidelines to assist them in utility installations using HDD. Seton Katz with Sarasota County said that the HDD course was useful and relevant noting that the instructors' "expert knowledge and relative experience kept the material interesting and easy to follow. I highly recommend it."

### **Lateral Rehab Training Course Rolls Out at No-Dig**

More than 40 people attended the first-ever NASTT Lateral Rehabilitation Training Course unveiled at the No-Dig Show in Nashville, March 29-30. Instructors Dr. Ray Sterling and Jadranka Simicevic of the Trenchless Technology Center (TTC), Louisiana Tech University, taught the course. Sterling and Simicevic are the principal authors of the laterals training course. The laterals course content is based upon a two-year research study led by TTC and sponsored by the Water Environment Research Foundation (WERF). The research study involved an extensive survey of 58 public works agencies, the results of which provided an insight into the diversity of existing conditions and working practices in dealing with private sewer laterals.

## **CIPP Training**

### **Travels to Edmonton, Alberta, Canada**

NASTT traveled to Edmonton, Alberta, Canada, on April 24-25 to instruct nearly 30 city personnel on the CIPP process. The two-day training was hosted by the City of Edmonton Drainage Services Department. The course agenda was designed to suit the owner/designer point-of-view of the City. Leading the discussions were course instructors Dr. Mark Knight with the University of Waterloo and Chris Macey with UMA Engineering. Because NASTT training courses are flexible and tailored to suit the audience's needs, NASTT has the ability to take training to where it's needed. If you're interested in providing trenchless training for your city staff or company personnel, please contact NASTT at (703) 217-1382.

### **HDD Course Held**

#### **at Ohio HDD Rodeo in Cleveland**

NASTT held the HDD Good Practices Guidelines Course in Cleveland on May 11 in conjunction with the Ohio HDD Association. Nearly 30 engineers, contractors and HDD operators participated in this one-day seminar based on the guidelines set forth in the HDD Good Practices manual, an industry-driven document developed by the HDD Consortium in 2001. Dr. Sam Ariaratnam, one of the principal authors of the HDD Good Practices manual, taught the course.

If you missed out on any of these great training events, be sure to mark your calendars for upcoming NASTT training courses:

- June 13, Pipe Bursting Good Practices — Richmond, British Columbia, Canada
- June 21, Trenchless Technology Overview — San Diego
- Aug. 14, Pipe Bursting Good Practices — Indianapolis
- Aug. 15, Pipe Bursting Good Practices — Martinez, Calif.
- Nov. 16, Laterals Good Practices — Edmonton, Alberta, Canada
- Dec. 5, HDD Good Practices — Phoenix

For a complete listing of NASTT training events, please visit [www.nastt.org](http://www.nastt.org).

### **2007 No-Dig Update**

If you attended the 2006 No-Dig Conference and Exhibition, then you participated in a record-setting event that was extremely well-received based on attendee responses. Since 2001, No-Dig has continued to grow in size and the quality of the total experience, we believe, is unparalleled in the industry today. We hope your experience with the accommodations, technical papers, exhibition and entertainment met your expectations.

We are looking forward to 2007 when No-Dig will be in beautiful San Diego, April 15-20. The Town & Country Resort combines both a conference center and hotel so you will want to get your reservations in early as this destination resort will fill up fast. We expect yet another record-setting program committed to providing extraordinary technical instruction and education coupled with an exhibition that showcases the most current trenchless products, services and equipment available.

NASTT is now accepting abstracts for the 2007 No-Dig in San Diego. Deadline for abstracts is extended to June 16, 2006. Visit [www.nastt.net/NoDig](http://www.nastt.net/NoDig) for more information.