



Trenchless Technology Center *Newsletter*

S E P T E M B E R 2 0 0 3

WERF Laterals Project Under Way

The TTC is now well under way with its project on behalf of the "Water Environment Research Foundation (WERF) titled "Methods for Cost-Effective Rehabilitation of Private Sewer Laterals." Major partners in the research are Black & Veatch, Wade & Associates and Computer Solutions and Services.

The project has a broad external review team comprising six experts: George C. Riek, Gunars Sreibers, Mark G. Wade, Dan R. Hegwald, Jim C. Scott and Dr. Erez Allouche.

The early tasks in the project have been:

- To conduct a search for relevant literature in North America and internationally and this has resulted in several valuable contributions from overseas, as well as the compilation of a broad range of references on the laterals issue in the U.S. The initial literature review has been completed but this will be added to during the project as new items are discovered.
- To gain support from municipalities and utilities that have carried out lateral rehabilitation efforts or that plan to do so in the near future so that their data and experience can

be shared with others that will be making decisions on lateral rehabilitation in the future. "The response from such agencies has been wonderful," according to Jadranka Simicevic, TTC research project manager for the project. "There were 10 participants at the time of submittal of the proposal and this has now grown to 30."



Illustration courtesy King County, Wash.

- To provide a means for recording the experiences of municipalities and utilities in a cost-effective manner that will allow the responses to be analyzed for assistance in preparing guidelines on such topics as financing options for lateral rehabilitation and legal issues involved in working with private property. A Web page is being designed that will allow participants to respond to a questionnaire online and also to track the project progress. The Web page is expected to be available for use in October.

The project has a two-year time span and collaboration with the research team in terms of providing input and data is welcomed. Please contact Jadranka Simicevic at jadranka@coes.latech.edu or call her at (318) 257-2744.

Dr. Erez Allouche Visits TTC for Academic Year

Recently, Dr. Erez Allouche joined the TTC faculty for the upcoming academic year.

Allouche earned a bachelor's degree in civil engineering and a master of science degree in structural engineering from Queen's University in 1994 and 1996, respectively, and a Ph.D. in construction engineering and management from the University of Alberta in 2000.

He is currently serving as an assistant professor of civil engineering at the University of Western Ontario (UWO), London, Ontario, Canada. He is also a research director at the Geotechnical Research Center located at UWO.

Allouche's primary areas of interest lie in infrastructure management and underground construction. His research in these areas has focused on the develop-

ment of technologies, analysis models and construction specifications for various underground construction techniques.



Allouche

Allouche was the recipient of the 1998 North American Society for Trenchless Technology (NASTT) Research Award and the 2001 Ontario Premier Research Excellence Award (PREA). Allouche is the author (and co-author) of more than 80 publications and the co-inventor of three patents in the area of trenchless construction.

While with TTC, Allouche will pursue research work in the general area of borehole stability, cuttings rate removal and other issues related to improving current design methods for HDD crossings. He will collaborate with Dr. Ray Sterling and Dr. Jay Wang; the research effort will include comprehensive laboratory work, numerical modeling and a field study.

What is the TTC's Municipal Forum Program?

The goal of TTC's Municipal Users Forum is to bring together public works employees for an information-sharing session on trenchless technology issues and applications.

Participants designate the meeting's topic and the TTC develops the meeting agenda, complete with guest speakers on the subject. Over the years, the program has proven to be an asset for municipalities and industries alike.

The TTC is thrilled that support for this outreach program continues and that the enthusiasm of the participants has prompted representatives from neighboring municipalities to attend meetings as well.

If you would like additional information on any of the Municipal Forum programs or if you are a public works employee and wish to attend a meeting, please contact the TTC.



Kampbell

Ed Kampbell Elected Vice Chairman

Ed Kampbell of Inliner Technologies was recently elected vice chairman of the TTC Industry Advisory Board (IAB).

The announcement was made at the Summer IAB 2003 Meeting in Baltimore. Kampbell has represented Inliner Technologies on the IAB since 2001. The TTC and the IAB congratulates Ed on his new position and looks forward to his insights and leadership.

IAB Member Reconfigures Its HDD Market Activities

Tejas Tubular Products Inc. recently announced the formation of Premier Drill Pipe Ltd.

Headquartered in Houston, Premier Drill Pipe Ltd. focuses exclusively on the HDD tubular market and manufactures both forged-end and inertia-welded products for most HDD rigs. All phases of the manufacturing process are carried out in-house at its facility in Houston, including forging and inertia welding, quenching and tempering, inspection and precision threading. For further information, see Premier online at www.premierdrillpipe.com.

Bid Ocean Joins the TTC Industry Advisory Board

Bid Ocean Inc., a leading publisher of contract bid opportunities for contractors, vendors and engineers, recently joined TTC's Industry Advisory Board (IAB).

Covering more than 40,000 different government agencies and private utilities, Bid Ocean's primary focus is on the trenchless industry. Unlike other reporting services, Bid Ocean sorts project reports by work type so that subscribers are not burdened with data not related to their market. Bid Ocean also offers custom sales and marketing portals and maintains Web sites at TrenchlessDataService.com, DirectionalBoringCentral.com and UtilityIntel.com.

The Trenchless Technology Center will receive access to Bid Ocean's project data and extensive directory of owners, engineers, contractors and vendors. Bid Ocean offers free test drives of its service and can be reached at (800) 631-3689 and at www.BidOcean.com.

Industry Advisory Board

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