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CENTER FOR UNDERGROUND INFRASTRUCTURE RESEARCH AND EDUCATION

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CUIRE LABORATORY RECEIVES A 330-KIP ACTUATOR

Last February CUIRE purchased a 330-kip actuator from MTS Co. for its soil box testing of underground pipes. This actuator will be used for the NCHRP SAPL Project to develop structural design methodology for spray applied pipe liners (SAPLs) in gravity storm water conveyance conduits through actual size soil box testing. This project is led by Ohio Department of Transportation with participation of six other state departments of transportation (Delaware, Florida, Minnesota, New York, North Carolina and Pennsylvania). After completion of testing, a set of design equations for both rigid (cementitious and geopolymer) and flexible (Polyurethane and Polyurea) will be developed. Additionally, the CUIRE team will prepare SAPL performance specifications.

For more information on participation in this important project, call CUIRE at 817-272-9177 or email cuire@uta.edu.



CUIRE HOLDS ANNUAL CONFERENCES

CUIRE Schools

CUIRE held its 17th annual trenchless technology inspector training and certification schools on Jan. 28-29, at the Fort Worth Convention Center, Texas, in conjunction with Underground Construction Technology (UCT) conference. This year's program included Geotechnical School, Advanced HDD School and Pipe School. In addition, a half-day Pilot Tube and Microtunneling School and Pipe Lining and Renewal School were offered. More than 63 professionals attended these courses. The instructors were industry experts and included CUIRE board members and friends.

First Annual UESI Conference

On March 11-12, CUIRE teamed with the Texas Chapter of the Utility Engineering and Surveying Institute (UESI) of ASCE to hold the first annual UESI conference in Texas. More than 250 professional in addition to 30 exhibitors and 18 sponsors attended this conference. Sessions were divided into four tracks of Utility Engineering and Specialization I and II, Surveying, and Pipelines. A reception was held on evening of March 11 at the exhibit hall and more than 70 people attended this event.



TTP 2019

On May 22, 2019, the South Central Chapter of NASTT (SC-NASTT) and CUIRE held the fourth Trenchless Technology and Pipe Conference (TTP 2019) at the University of Texas at Arlington (UTA) campus with more than 150 people attending.

The sessions were divided into three tracks of Trenchless Technology New Installations, Trenchless Technology Renewal and Replacement, and Geotechnical Impacts of Pipeline Installations.

At the beginning of the conference, a plenary session was held with welcome presentations by Alan Goodman, president of SC-NASTT, Dr. Mo Najafi, CUIRE Director, Dean Peter Crouch, UTA College of Engineering, Dr. Ali Abolmaali, Chair of Civil Engineering and Michelle Hill, NASTT Program Director.

Three student scholarships were award by SC-NASTT each for \$2,500. Travis Andrews, Assistant Water Director at the City of Fort Worth presented a keynote regarding Fort Worth's trenchless projects. Upon completion of above events, attendees received a certificate of completion and a PDF copy of all presentations on a USB drive.



For more information on future events, call CUIRE at 817-272-9177, email cuire@uta.edu or visit cuire.org.

TRENCHLESS BOOK GOES INTO A 2ND EDITION

The most comprehensive and popular trenchless technology book, published in 2005 by McGraw-Hill goes into the second edition to be published in late 2020. The new edition will include latest methods and materials for trenchless pipe installation, renewal and replacement, as well as hybrid methods, such as direct pipe and pilot tube. Design and construction considerations will be included.

For more information and to include new technologies, contact CUIRE at 817-272-9177 or email cuire@uta.edu.

