



**Track D
Trenchless Technology Pipe Jacking, Ramming, and Microtunneling**

**Monday, January 23, 2012
Hilton Palacio Del Rio, San Antonio, Texas**

7:30 AM	Registration
8:15	Pipe Jacking Principles, Troy Stokes, Akkerman Inc.
10:00	Break with Refreshments
10:15	Horizontal Auger Boring, Dr. Mohammad Najafi, P.E., CUIRE/UT Arlington
12:00	Lunch (on your own)
1:00 PM	Microtunneling & Pilot Tube Microtunneling, Dennis Doherty, P.E., HALEY & ALDRICH
3:00	Break with Refreshments
3:15	Pipe Ramming, Collins Ortons, TT Technologies Inc.
4:00	Case Studies for Pipe jacking and Horizontal Auger Boring , Terry McArthur, P.E., HDR, Inc.
5:00	Evaluations and Distribution of Certificates & Conclusion of School

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