



**Track F  
Advanced Horizontal Directional Drilling School**

**Monday, January 23, 2012  
Room El Mirador West  
Hilton Palacio Del Rio, San Antonio, Texas**

<b>7:30 AM</b>	<b>Registration</b>
<b>8:15</b>	HDD Planning and Cost Estimating, <i>Jim Williams, P.E., Mears Group Inc.</i>
<b>9:30</b>	HDD Safety (Video)
<b>10:00</b>	<b>Break with Refreshments</b>
<b>10:15</b>	Bore Planning and Rig Setup, <i>Dr. Larry Slavin, OPCS</i>
<b>11:15</b>	Pipe Calculations, <i>Dr. Larry Slavin, OPCS</i>
<b>12:00</b>	<b>Lunch (on Your Own)</b>
<b>1:00 PM</b>	Introduction to HDD, Maxi HDD, Wireline Tracking, and HDD Case Studies, <i>Eric Skonberg, P.E., Technologies Engineering Corp.</i>
<b>3:00</b>	<b>Break with Refreshments</b>
<b>3:15</b>	Locating and Tracking, <i>Brian Mattson, Digital Control Inc.</i>
<b>4:00</b>	New Developments in HDD Rigs, <i>Jason Rush, Vermeer</i>
<b>5:00</b>	<b>Evaluations and Distribution of Certificates - Conclusion of School</b>

[www.cuire.org](http://www.cuire.org)