



The Fifth Annual Western Regional No-Dig Conference and Exhibition  
Sponsored by the Western Society for Trenchless Technology (WESTT)  
Sheraton Waikiki, Honolulu, HI • September 10 & 11, 2009

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**CONFERENCE PROGRAM**

**DAY ONE – Thursday, September 10, 2009**

- 8:00 ***Sponsored Breakfast and Registration***
- 8:45 Welcome Address (Jennifer Glynn, RMC Water and Environment)
- 9:00 Aptos Transmission Main Relocation Project in the Santa Cruz County Sanitation District (Rachel Lather, Santa Cruz County Sanitation District and Cindy Preuss, Harris and Associates)
- 9:30 Tunnel Construction Issues with San Francisco's New 44-in. Water Main Pipe (Glenn Boyce, Jacobs Associates)
- 10:00 ***Extended Sponsored Refreshments in Exhibit Area (1 hour)***
- 11:00 Microtunneling in Marginal Grounds – Design and Construction Risk Issues (James Kwong, Yogi Kwong Engineers, LLC)
- 11:30 Methodology for Calculating the Carbon Footprint of Underground Utility Projects (Samuel Ariaratnam, Arizona State University)
- 12:00 ***Sponsored Luncheon in Exhibit Area***
- 1:00 Design-Build Contract Minimizes Cost and Schedule for HDD Installation (Mary Asperger, Kathryn Wallin and David Bennett, Bennett Trenchless Engineers)
- 1:30 Small Boring Unit – A Ground Breaking Alternative to Hand-Dig Installation in Hard Soil Conditions (Arvid Viedmark, Specialized Services Company.)
- 2:00 Static Pipe Bursting using Vitrified Clay Jacking Pipe in Phoenix Soils (Jeff Boschert, National Clay Pipe Institute and Collins Orton, TT Technologies, Inc.)
- 2:30 How to do Spray Applied Rehab Right! (Chip Johnson, Sprayroq)
- 3:00 ***Sponsored Refreshment in Exhibit Area***
- 3:30 Tunneling the A-Line (Dru Nielson and Dave Mathy, DCM/GeoEngineers)
- 4:00 Selecting the Right Construction Method for a River Crossing (Jason Lueke, Arizona State University)
- 4:30 The St. John's Water Co. Water System Improvement Project Using PVC in Difficult HDD Projects (Bo Botteicher, Underground Solutions, Inc.)
- 5:00 Contingency Planning for Microtunneling and Trenchless Projects (Craig Camp, Jacobs Associates)

**DAY TWO – Friday, September 11, 2009**

- 7:30 ***Sponsored Breakfast in Exhibit Area***
- 8:00 NASTT Short Courses Begin
- 9:45 ***Sponsored Refreshment Break in Exhibit Area (30 minutes)***
- 10:30 NASTT Short Courses Cont.
- 12:00 ***Sponsored Lunch (1 hour)***
- 1:00 NASTT Short Courses Cont.
- 2:30 ***Sponsored Refreshment Break (30 minutes)***
- 3:00 NASTT Short Courses Cont.
- 4:30 Q&A and Course Wrapup
- 5:00 **Conference Adjourns**