



34th Southwest Geotechnical Engineers Conference
Phoenix, Arizona
May 11 - 14, 2009
CONFERENCE AGENDA

Monday May 11, 2009		
5:00 - 8:00 pm	Registration & Ice Breaker	
Tuesday May 12, 2009		
7:00 - 8:00	Breakfast & Registration	
Session 1 - Norm Wetz, AZ DOT		
8:00 - 8:15	Welcome & Announcements	John Lawson AZ DOT
8:15 - 8:45	<u>Emergency Micropile Underpinning of the US-69 Truss - Kansas River Bridge</u>	Jim Brennan KS DOT
8:45 - 9:15	<u>Case Histories of Roadway Projects using Tiebacks, Soil Nails, Drilled Shafts and Micropiles</u>	Ron Chapman Schnabel Foundation Company
9:15 - 9:45	<u>Banjo Bill Rock Catchment Basins - Sedona, Arizona</u>	Tom Armour DBM Contractors
9:45 - 10:00	BREAK - Exhibits are Open	
Session 2 - Ron Siegel, NV DOT		
10:00 - 10:30	Devil's Slide Repair and Tunnel Bypass	Grant Wilcox CA DOT
10:30 - 11:00	<u>Dowd Junction Slide</u>	Ben Arndt Yeh & Associates
11:00 - 11:30	<u>State Highway 20 - Keetonville Landslide Case Study</u>	Butch Reidenbach OK DOT
11:30 - 12:45	LUNCH - Exhibits are Open	
Session 3 - Kim Garlington, LA DOT		
12:45 - 1:15	<u>Butting Heads with Bighorns: Rockfall Mitigation Project - Bighorn Sheep Canyon</u>	John Hunyadi Kleinfelder
1:15 - 1:45	<u>Polyurethane Resin - One More Trick in the Rock Stabilization Tool Bag</u>	Matt Demarco FHWA - CFLHD
1:45 - 2:15	<u>Using LiDAR Laser Scanning for Geotechnical Characterization</u>	Nick Priznar/Virgil Coxon AZ DOT/AZ DOT
2:15 - 2:45	BREAK - Exhibits are Open	
Session 4 - Jim Brennan, KS DOT		
2:45 - 3:15	<u>Jungle Geotech</u>	George Machan Landslide Technology
3:15 - 3:45	<u>State Route 87 Landslide</u>	Keith Dahlen/Wayne Harrison AECOM/AECOM
3:45 - 4:00	BREAK - Exhibits are Open	
4:00 - 4:30	<u>Soil Improvement, Rapid Embankment Construction, and Stabilization of Working Platforms</u>	Vern Schaefer Iowa State University
4:30 - 5:00	<u>Louisiana's Implementation of CPT on Transportation Projects</u>	Ching Tsai LA DOT

Wednesday May 13, 2009

7:00 - 8:00	Breakfast & Registration	
Session 5 - Daniel Alzamora, FHWA		
8:00 - 8:20	FHWA's Perspective on Geophysics	Ben Rivers FHWA - RC
8:20 - 8:40	Introduction to Surface Seismic Methods for Subsurface Investigations	Khamis Haramy FHWA - CFLHD
8:40 - 9:00	<u>Introduction to Electrical Resistivity Methods for Subsurface Investigations</u>	Jason Richter MN DOT
9:00 - 9:15	BREAK - Exhibits are Open	
9:15 - 10:00	Field Presentation of Geophysics Equipment: Seismic and Resistivity	Mike Rucker - AMEC JB Shawver - Zonge Geoscience
10:00 - 11:15	Hands-On Introduction to Geophysics Equipment	Mike Rucker, Khamis Haramy, JB Shawver, Jason Richter
11:15 - 12:45	LUNCH - Mark Monier - Golder: Detroit River International Crossing	
Session 6 - Ben Rivers, FHWA		
12:45 - 1:30	Data Reduction and Interpretation: Surface Seismic Methods	Jim Pfeiffer ZAPATA
1:30 - 2:15	Data Reduction and Interpretation: Resistivity Methods	JB Shawver Zonge Geoscience
2:15 - 2:45	BREAK - Exhibits are Open	
2:45 - 3:15	<u>MN DOT's Experience with Electrical Resistivity Imaging</u>	Jason Richter MN DOT
3:15 - 3:45	<u>Geotechnical Site Characterization from Seismic Refraction and Surface Wave Data Collection</u>	Mike Rucker AMEC
3:45 - 4:00	BREAK - Exhibits are Open	
4:00 - 4:30	<u>Pittsburg Bypass, Hwy 69 - Kansas</u>	Kanan Hanna ZAPATA
4:30 - 5:00	Emerging Technologies in Seismic and Resistivity	Khamis Haramy/JB Shawver FHWA - CFLHD/Zonge

Thursday May 14, 2009

7:00 - 8:00	Breakfast & Registration	
Session 7 - Butch Reidenbach, OK DOT		
8:00 - 8:30	<u>Lessons Learned from Retaining Wall Failures</u>	John Delphia TX DOT
8:30 - 9:00	<u>Case History on US-95 Widening: Soil Nail/Tieback Hybrid</u>	Ron Siegel NV DOT
9:00 - 9:30	<u>Design Data for Deep Foundation Elements Contained in an MSE Mass</u>	Jim Brennan KS DOT
9:30 - 10:00	BREAK	
Session 8 - Grant Wilcox, CA DOT		
10:00 - 10:30	<u>Use of Geosynthetics to Mitigate Frost Heave on Trail Ridge Road</u>	Daniel Alzamora FHWA - RC
10:30 - 11:00	<u>Geotechnical and Engineering Geology Challenges: Lamar River Bridge Replacement - Yellowstone National Park</u>	Bill Gates Kleinfelder
11:00 - 12:00	<u>Hoover Dam Bypass: Geologic Characterization for Bridge Foundations - Colorado River Bridge</u>	Dave Peterson AMEC
12:00	LUNCH	