



40th Southwest Geotechnical Engineers Conference
Oakland, CA
May 18 to May 21, 2015

Monday May 18, 2015		
5:00 - 7:00 PM	Welcome Reception and Exhibits Open	
Tuesday May 19, 2015		
8:00 to 9:45 Session 1 - Tim Pokrywka, CA DOT		
8:00 - 8:15	Welcome Opening Remarks	Bijan Sartipi, District 4 Director CA DOT
8:15 - 8:45	MSE Wall Engineering - A New Look at Contracting, Design, and Construction	James M. Schmidt Terracon
8:45 - 9:15	Best Practices document for the design and construction of segmental retaining walls	Gabriela Mariscal NCMA
9:15 - 9:45	Development of IDEA Program for evaluation of Earth Retaining Structures	Kenneth A. Johnson Parsons Brinckerhoff
9:45 - 10:15	Break	
10:15 - 11:30 Session 2 - James Brennan, KS DOT		
10:15 - 10:40	Lessons Learned from a Value-Engineered Soil Nail Wall in Eastern Arizona	Guled Ahmed, Randy Post AZ DOT, Golder
10:40 - 11:05	SNAIL - The Caltrans Soil Nail Design and Analysis Software	Seungwoon Han CA DOT
11:05 - 11:30	Existing Bridge Abutment Rehabilitation using Soil Nailing, Small-Diameter Micropiles, and GCS/GRS	Cameron Lobato GeoStabilization International
11:30 to 1:00	Lunch	
1:00 to 2:30 Session 3 - John Delphia, TX DOT		
1:00 - 1:22	Large Precast Modular Blocks for Retaining Wall Construction for Three Transportation Projects	Jamie Johnson Redi-Rock
1:22 - 1:45	Characterization of Coarse Backfills for Prevention of Corrosion of MSE Metallic Wall Reinforcement	Sean Yoon, Soheil Nazarian TX DOT, UTEP
1:45 - 2:07	Investigation of Corrosion of MSE Walls in Nevada	Andrew Lawrence NV DOT
2:07 - 2:30	Design, Construction, and Monitoring of Platable Geosynthetic Reinforced Wall (PGR Wall)	Deh-Jeng jang CA DOT
2:30 - 3:00	Break	
3:00 - 4:30 Session 4 - Jesse Rauser, LA DOT		
3:00 - 3:22	Documenting the role of in-place inclinometers to monitor and manage a landslide repair	June James CA DOT
3:22 - 3:45	Slide failure case study	Issac Wilems KS DOT
3:45 - 4:07	Stabilization of the White Point Landslide using Horizontal Directional Drains	Jason Buenker Shannon & Wilson
4:07 - 4:30	Oso Landslide	Scott Anderson FHWA - RC

Wednesday May 20, 2015

8:00 to 9:30 Session 5 - Christopher Clark, OK DOT		
8:00 - 8:25	BRIDGE REPAIR ON US-50 IN NEWTON, KS - Why Geotech's Are Smarter than Bridge Guys	James Brennan KS DOT
8:25 - 8:50	Foundation Design of the US 89 Bridge over The Little Colorado River	Randy Post, Michael Pegnam Golder
8:50 - 9:15	Short and Long-Term Force Monitoring of Pre-stressing Anchors using Contact Free Elasto-Magnetic Sensors	Shahid Islam DYWIDAG-Systems
9:15 - 9:30	FHWA Update	Scott Anderson FHWA - RC
9:30 - 10:00	Break	
10:00 - 11:30 Session 6 - Issac Wilems, KS DOT		
10:00 - 10:22	Rock Slope Stabilization and Mitigation of WB Interstate 40 at Milepost 181	Michael Pegnam Golder
10:22 - 10:45	Rockfall Energy and Bounce Trajectory using 3D Video, an Introduction to Chaser	Michael Salisbury CA DOT
10:45 - 11:07	Introduction to Cellular Concrete and Advanced Engineered Foam Technology	Nico Suttmoller Aerix Industries
11:07 - 11:30	Preserving Data and Simplifying Workflow Using Geotechnical Databases	Jesse G. Rauser LA DOTD
11:30 to 1:30	Lunch - Keynote Presentation "Seismic Safety Project to replace the East Span of the San Francisco-Oakland Bay Bridge", Dr. Brian Maroney, San Francisco-Oakland Bay Bridge Project Chief Engineer	
1:30 to 3:00 Session 7 - Andrew Lawrence, NV DOT		
1:30 - 1:52	Case Histories of Full-Scale Comparative Load Testing of Base Grouted and UngROUTED Test Shaft Pairs	Jon Sinnreich, Robert Simpson LoadTest, USA
1:52 - 2:15	Suggested Methods of Debris Flow Site Investigations	Mallory Jones KANE GeoTech, Inc
2:15 - 2:37	Rocky Creek Landslide Repair	Ryan Turner CA DOT
2:37 - 3:00	OK DOT Project presentation	Christopher Clark OK DOT
3:00 - 3:30	Break	
3:30 - 5:00 Session 8 - Sean Yoon, TX DOT		
3:30 - 3:52	Buckhorn Grade Realignment, California State Route 299	Scott Lewis CA DOT
3:52 - 4:15	Lessons Learned from the Collapse of the IH 20 Bridge over Salt Draw	John Delphia TX DOT
4:15 - 4:37	Two Dimensional Seismic Site Response Analysis for a New Bridge in a Subduction Zone Environment	Zia Zafir Kleinfelder
4:37 - 5:00	GRS IBS - Update on implementation	Daniel Alzamora FHWA - RC
Thursday May 21, 2015		
8:00 to 9:15 Session 9 - Guled Ahmed, AZ DOT		
8:00 - 9:15	Field Trip presentations on Devil Slide Tunnel Project and Logistics	Chris Ridsen CA DOT
9:30 - 1:30 Session 10 - Field Trip		
9:30 to 10:30	Travel to Devil Slide Tunnel	Chris Ridsen - CA DOT
10:30 - 12:30	North Portal - anchored slope repair- South Portal	
12:30 to 1:30	Travel back to Marriott	
1:30	ADJOURN	