

FWD USER'S GROUP MEETING
October 4 – October 6, 2009
Eldorado Hotel, Reno, Nevada

Sunday, October 4, 2009

- 12:00 – 5:00 Vendor Setup Time
- 3:00 – 5:00 Calibration Center Operator's Meeting – Y. Jane Jiang, FHWA
- 3:00 – 6:00 Meeting Registration and Check-in
- 6:00 – 8:00 FWD User's Group Welcoming Reception in the Eldorado's Tuscany/Chardonnay Room

Monday, October 5, 2009

- 7:00 – 8:30 Registration, Breakfast and Time with the Exhibitors

Morning Session – David Orr, Cornell Local Roads Program Presiding

- 8:30 – 9:00 Housekeeping and Introductions
- Welcome by Rudy Malfabon, Deputy Director, Nevada DOT
- 9:00 – 10:00 Use of FWD Data in Network-Level Pavement Systems Management
- *Use of Continuous Deflection Measurement for Network-Level Pavement Structural Assessment* – Gerardo Flintsch, Virginia Tech
 - *FWD Analysis in Haleakala National Park in Maui* – Michael Voth, Federal Highway Administration
- 10:00 – 10:30 Break in the Exhibit Area
- 10:30 – 11:00 Light Weight Deflectometer
- *Characterization of a 2-Layer Soil System Using an LWD with Radial Sensors* – Chris Senseney, Colorado School of Mines
- 11:00 – 11:30 Calibration
- *New Calibration Center Opening in Illinois* – Joe Pitlik, Applied Research Associates
- 11:30 – 1:00 Lunch in the Tuscany/Chardonnay Room at the Eldorado and Exhibit Viewing

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Monday, October 5, 2009 (continued)

1:00 – 2:00 Business Meeting, Lynne Irwin Cornell Local Roads Program, Presiding

- *Welcoming by Lynne Irwin, Cornell Local Roads Program*
- *Nomination of Florida DOT Representative as Chairman-Elect and Host for the 2010 FWD User's Group Meeting in Gainesville, Florida*
- *Plans for the 2010 FWD User's Group Meeting in Florida*
- *Future Directions and meeting locations for the FWD User's Group*
 - *2011 & 2012 Meeting Locations –
Offers have been received from Virginia DOT and Joe Pitlik, Applied Research Associates, Champaign, IL*
 - *Discussion of joining efforts with RPUG in 2011*

2:00 – 2:30 Calibration (continued)

- *New in 2010: AMRL Supports the FWD Calibration Centers – Robert Lutz, AASHTO Materials Reference Laboratory*

2:30 – 3:00 Break in the Exhibit Area

3:00 – 4:00 Vendors in Motion

- *JILS With Integrated GPR – Gary Sanati, Foundation Mechanics, Inc.*
- *Use of FWD Data in the Dynatest Pavement Management System PERS – Gabriel Bazi, Dynatest Consulting*

4:00 Meeting adjourn for the day

6:00 – 9:00 Dinner in the Tuscany/Chardonnay Room at the Eldorado

Tuesday, October 6, 2009

7:00 – 8:00 Registration, Breakfast and Time with the Exhibitors

Morning Session – Pete Schmalzer, MACTEC Engineering, Presiding

8:00 – 8:30 Backcalculation

- *Case Study Using CalBack – Backcalculation Tool for Caltrans ME Design – Lorina Popescu, UC Pavement Research Center – Berkeley*

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Tuesday, October 6, 2009 (continued)

8:30 – 9:00 Construction

- *Falling Weight Deflectometer Data for New Construction Control, and Interactive Pavement Design – Carl Lenngren, Swedish Road Administration Consulting Services*

9:00 – 10:00 *FWD/GPR System Demonstration – Gary Sanati, Foundation Mechanics, Inc.*

10:00 – 10:30 Break in the Exhibit Area (last available exhibit time)

10:30 – 11:30 Technology That Goes Along With FWD

- *New Developments in GPR of Potential Interest to the FWD Community – Robert Parrillo, Geophysical Survey Systems, Inc.*
- *A Comparison of Surface Wave Tests for Pavement System Thickness/Moduli – Matthew Hergert, Olson Engineering*

11:30 – 1:00 Lunch in the Tuscany/Chardonnay Room

1:00 – 2:00 Analysis

- *Load Pulse Width and Deflection Analysis Using FWD and MDD Data at National Airport Pavement Test Facility – Injun Song, SRA International, Inc.*
- *Federal Aviation Administration's F/HWD Round-Up in 2010 – Jeffrey Gagnon, William J. Hughes Technical Center*

2:00 – 2:30 Calibration Center Video Presented on behalf of Y. Jane Jiang, FHWA

2:30 – 3:00 Closing Comments and Wrap-up

3:00 Adjourn