

23rd Annual Road Profile Users' Group Meeting

Sept. 27 to 29, 2011, Stateline, NV

Agenda - at a Glance

Tuesday, September 27	
8:00 AM – noon	ProVAL Advanced Workshop
1:00-2:30 PM	Session 1 - Welcome and Introductions
2:30-3:00 PM	Break/Vendor Exhibits
3:00-4:30 PM	Session 2 – Research and Standardization Initiatives
4:30-5:15 PM	Session 3 - RPUG Open Business Meeting
6:00 PM – 8:00PM	Ice Breaker Reception
Wednesday, September 28	
7:00-8:00 AM	Breakfast
8:00-10:00 AM	Session 4 – Profile Measurement and Analysis
10:00-10:30 AM	Break/Vendor Exhibits
10:30 AM - noon	Session 5 – Pavement Evaluation Equipment
12:00-1:00 PM	Lunch
1:00-2:45 PM	Session 6 – Texture, Friction, Noise, and Sustainability
2:45-3:15 PM	Break/Vendor Exhibits
3:15-5:00 PM	Session 7 – Profile Quality Assurance and Incentive/Disincentives
6:00 PM	Conference Banquet
Thursday, September 29	
7:00-8:00 AM	Breakfast
8:00-9:45 AM	Session 8 – Profiler Certification and Smoothness Specs
9:45-10:15 AM	Break/Vendor Exhibits
10:15 AM-noon	Session 9 – Open Panel Discussion
12:00-1:00 PM	Lunch on Your Own
1:00-5:00 PM	ProVAL QA/QC Workshop
5:00 PM	Adjourn

23rd Annual Road Profile Users' Group Meeting

Sept. 27 to 29, 2011, Stateline, NV

Day 1 - Tuesday, December 27, 2011

ProVAL Advanced Workshop	
8:00 AM – Noon	ProVAL Advanced Workshop by Steve Karamihas and George Chang This is a ProVAL workshop on advanced topics such as filtering and PSD, etc.
11:45 AM – 1:00 PM	Lunch On Your Own
Session 1	
Welcome and Introductions	
Moderator: George Chang – RPUG president (Transtec Group)	
1:00 – 1:25 PM	Keynote Speech I - William Hoffman (NVDOT)
1:25 – 1:50 PM	Keynote Speech II - Paul Schneider (FHWA-NV)
1:50 – 2:30 PM	Vendors' Brief Introduction - All vendors
2:30 – 3:00 PM	Break – Visit Exhibitors
Session 2	
Research and Standardization Initiatives	
Moderator: LaDonna Rowden (Illinois DOT)	
3:00 – 3:25 PM	Pooled Fund Study TPF-5(063) and FHWA Surface Characteristics Program Update by Bob Orthmeyer (FHWA)
3:25 – 3:50 PM	Status and Brief Tour of the New HPMS 8.0 Software by Robert B. Rozycki (FHWA)
3:50 – 4:15 PM	Overview of the FHWA Pavement Friction Management Program by Edgar David de León Izeppi (Virginia Tech)
4:15 – 4:40 PM	AASHTO PaveSuite - Pavement Evaluation Tools by Magdy Mikhail (TxDOT) and Kevin McGhee (VCTIR)
Session 3	
RPUG Open Business Meeting	
Moderator: Anita Bush – next RPUG President (NVDOT)	
4:40 – 5:30 PM	In this meeting, we will conduct voting on the revised RPUG Bylaws and discuss the current and future RPUG business.
5:30 PM	Adjourn (day 1)
6:00 PM – 8:00 PM	Ice Breaker Reception

23rd Annual Road Profile Users' Group Meeting

Sept. 27 to 29, 2011, Stateline, NV

Day 2 - Wednesday, September 28, 2011 AM

7:00 – 8:00 AM

Breakfast

Session 4	
Profile Measurement and Analysis	
Moderator: David Kilpatrick (CTDOT)	
8:00 – 8:25 AM	Consultants Profiler Experience by Gary Higgins (Earth Engineering)
8:25 – 8:50 AM	Using profiles to monitor subsidence caused by long wall mining by Richard Wix (ARRB)
8:50 – 9:15 AM	On Low Speed Problem in Road Smoothness Profiling by Vadim Peretroukhine and Michael Nieminen (Fugro Roadware)
9:15 – 9:40 AM	Multi-State Comprehensive Pavement Analysis - Automated Pavement Condition Survey by Ray Mandli (Mandli)
9:40 – 10:05 AM	Timing is everything: A Software Approach for a Generalized Profilometer by Cameron Rainey and Stephen Chappell (Virginia Tech)
10:05 – 10:30 AM	Break – Visit Exhibitors
Session 5	
Pavement Evaluation Equipment	
Moderator: Kyle Evert (NDDOT)	
10:30 – 10:55 PM	3D sensors for High Speed Network Level Detection of Raveling Conditions and Texture Evaluation Using Simulated Digital Sand Patch Measurements by John Laurant and Jean-Francois Hebert (PaveMetrics Systems, Canada)
10:55 – 11:20 PM	Potential for Comprehensive Evaluation of Pavement Surface with 3D Laser Imaging by Kelvin Wang (OSU and Waylink System)
11:20 – 11:45 PM	Comparison of Inertial Profiler measurements with Leveling and 3D laser Scanning Results for Pavement Profiles by Abby Chin and Michael Olsen (Oregon State University)
11:45 – 1:00 PM	Lunch

23rd Annual Road Profile Users' Group Meeting

Sept. 27 to 29, 2011, Stateline, NV

Day 2 - Wednesday, September 28, 2011 PM

Session 6	
Texture, Friction, Noise, and Sustainability	
Moderator: Affan Habib (VDOT)	
1:00 – 1:25 PM	Working Towards a Revised MPD Standard (ISO 13473-1): A Sneak-Peek on the Current Mind Set by Bo Soderling (LMI 3D)
1:25 – 1:50 PM	Experiences with CDOT's Quiet Pavement Research Program by Richard Sohaney (Transtec Group)
1:50 – 2:15 PM	The Use of Texture in the Swedish Road Management by Thomas Lundberg, Mika Gustafsson and Leif Sjögren (VTI, Sweden)
2:15 – 2:40 PM	Pavement Surface Characteristics and Sustainability by John Harvey (UC Davis)
2:40 – 3:15 PM	Break – Visit Exhibitors
Session 7	
Profile Quality Assurance and Incentive/Disincentives	
Moderator: Chad Shive (KY Transportation Cabinet)	
3:15 – 3:40 PM	Quality Assurance of Pavement Profile Measurements in Managing Ontario Provincial Highway Network by Li Ningyuan (MTO, Canada)
3:40 – 4:05 PM	Verifying Contractor Profile Results by Terry Treutel (formerly WisDOT)
4:05 – 4:30 PM	Smoothness Incentive Limits – in Light of Tire Imbalance, Suspension Friction, and the Limits of Human Perception by Steve Karamihas (U of Michigan)
4:30 – 4:55 PM	JCP Slab Curl Study on the Arizona SPS-2 Sites by Steve Karamihas (U of Michigan) and Kevin Senn (Nicols Consulting)
4:55 PM	Adjourn (day 2)
6:00 PM	Conference Banquet

23rd Annual Road Profile Users' Group Meeting

Sept. 27 to 29, 2011, Stateline, NV

Day 3 - Thursday, September 29, 2011

7:00 – 8:00 AM

Breakfast

Session 8	
Profiler Certification and Smoothness Specs	
Moderator: Eric Prieve (Colorado DOT)	
8:00 – 8:25 AM	Profiler Certification using the AASHTO R56 Procedure by Rohan Perera (SME)
8:25 – 8:50 AM	Profiler Certification Program and New Test Tracks at TxDOT by Emmanuel Fernando (TTI)
8:50 – 9:15 AM	Implementing a Pavement Data Management System by Gary Lynch (Atwood System)
9:15 – 9:40 AM	Development of a Bridge Rideability Specification by Brian Schleppe (Ohio DOT)
9:40 – 10:00 AM	Break
Session 9	
Open Panel Discussion	
Moderator: John Andrews (Maryland SHA)	
10:00 AM – noon	Open panel meeting on various smoothness topics: profiler procurement and acceptance, profiler verification for construction quality control, setting incentive/disincentive levels in construction quality assurance, profiling for pavement management, state texturing practices Panel members: Tom Nordstrom (MnDOT), Peter Vacura (Caltrans), James Watkins (MSDOT), Nilesh Surti (NCDOT), Luke Gibson (SCDOT), Joe Wilson (WisDOT)
12:00 – 1:00 PM	Lunch on Your Own
ProVAL QA/QC Workshop	
1:00 – 5:00 PM	ProVAL QA/QC Workshop by George Chang and Steve Karamihas In this session, learn the basic and new functions of ProVAL 3.3 (new data import wizard, auto profile synchronization, and leave-out analysis) and how to evaluate new construction QA/QC profiles for localized defects, periodic roughness, and potential measurement quality problems with practical examples.
5:00 PM	Adjourn RPUG Meeting