

RPUG 2006 Agenda
Des Moines, Airport Holiday Inn
September 20-23, 2006

Wednesday, September 20, 2006

- 1:00-5:00 p.m. Vendor set up time
1:00-5:00 p.m. PROVAL 2.7 workshop – George Chang, Transtec Group
5:30- 8:00 p.m. Light Supper and Socializing in the Interior Display Area

Thursday, September 21, 2006

- 7:00-8:00 a.m. Registration in the conference area and Breakfast
8:00-9:45 a.m. **Welcome, Fred Maurer, Moderator**
Iowa DOT – Nancy Richardson, Director
FHWA Iowa Division – Phil Barnes, Division Administrator
RPUG – Fred Maurer, Executive Director
Vendor Introductions – Fred Maurer, Executive Director
9:45- 10:15 a.m. Break and refreshments in the Exhibit Area
10:15-10:45 a.m. **Moving Ahead with Profile Specifications**
Recent Research & AASHTO Smoothness Specs. – Mark Swanlund
10:45-11:30 a.m. Bridge Smoothness Specifications in Ohio – Brian Schleppe
11:30-12:15 a.m. New Concrete Specifications – Starr Kohn
12:15-1:45 a.m. Lunch and Vendor Displays
1:45-2:30 p.m. **Using Pavement Profiles for Planning and Design, Starr Kohn, Moderator**
Relating Pavement Surface Texture Profiles to Tire-Pavement Noise –Eric Munn, The Transtec Group and Paul Wiegand, ISU/National Concrete Pavement Technology Center
2:30-3:30 p.m. Software: Predicting Vehicle Response to Road Roughness – Steve Karamihas, University of Michigan
3:30-4:30 p.m. HPMS Reassessment-Pavements – Bob Rozycki, FHWA
4:30-5:00 Safety Issues When Profiling – Brian Schleppe, ODOT
5:00 -5:45 p.m. Vendor Exhibits
6:00-8:00 p.m. Supper and Entertainment

Friday, September 22, 2006

- 7:00-8:00 a.m. Registration in the conference area and Breakfast along with drawings
8:00-8:45 a.m. **Profiler Technology, Brian Schleppe, Moderator**
Recent Advances in Profiling System Technology – Dennis Scott, SSI and Dwight Day, Kansas State University
8:45-9:15 a.m. Sampling and Footprint Study Update – Steve Karamihas, University of Michigan
9:15-9:45 a.m. Tire Bridging Algorithm – Brian Michalk, Texas DOT
9:45-10:15 a.m. Break and refreshments in the Exhibit Area

- 10:15-12:15 a.m. **DOT Profiler Certification Programs, Carl Bertrand, Moderating**
 Texas – Brian Michalk
 Minnesota – Tom Nordstrum
 Colorado – Eric Prieve
 Mass- Alex Austerman
 Maryland –John Andrews
 Questions from the audience
- 12:15-1:30 p.m. Lunch and Vendor Displays
- 1:30-2:15 p.m. **Profile Measurements and Equipment, Gaylord Cumberledge, Moderator**
 Texas Automated Crack System Performance – Brian Michalk
 Implementation of Automated Crack Survey System with Laser Based Imaging: Challenges and Opportunities – Kelvin Wang
- 2:15-2:45 p.m. Break and refreshments in the Exhibit Area
- 2:45-3:15 p.m. **Implementing Profile Measures for Highway Planning, Steve Karamihas**
 Australian Profile Specifications and Laser Profile Methods – Richard Wix
- 3:15-4:00 p.m. The Value of Pavement Smoothness – Kevin McGhee, VDOT
 Vehicle/Terrain Interaction – John Ferris, Virginia Tech University
- 4:00-4:30 p.m. Adjourn for the day (supper on your own with suggestions made by the staff and transportation provided)
- 4:30-5:00 p.m.
- 5:00 p.m.

Saturday, September 23, 2006

- 7:00-8:00 a.m. Breakfast and drawings
- 8:00-10:00 a.m. **Changing the Profile Measurement Mindset (PI to IRI), Fred Maurer, Moderator**
 New Jersey – Frank Palise
 West Virginia – R. Capper
 Minnesota – Tom Nordstrom and Dave Janish
 Colorado – Eric Prieve
 Washington – Representative
 Federal Lands – Bruce Wasill
- 10:00-10:45 a.m. **Moving off the Tangent/Flat Sections with Profile, Robert Orthmeyer, Moderator**
 Performance of Inertial Profilometers on Grades, Curves, and Speed Change Areas – John Andrews
- 10:45-11:15 a.m. Measuring Profile in Varied Conditions and Sites – John Hunt, ARA
- 11:15-11:45 a.m. Conference Wrapup – Conference staff