

Instructions for RPUG ProVAL Workshop Attendees

Welcome to the RPUG 2017 ProVAL workshops! Please read the following instructions!

Dates/Time

The Essential ProVAL workshop will be from 8:00AM to noon, on Friday, Nov. 17.

The Advanced ProVAL workshop will be from 1:00PM to 5:00PM, on Friday, Nov. 17.

Training Rooms

The training rooms will be announced at during the RPUG conference.

Agenda

Essential ProVAL Workshop ***Pavement Profile Viewing and Analysis Software***

OBJECTIVES

- To familiarize attendees with the current version of ProVAL – the *Profile Viewing and Analysis* software (www.roadprofile.com).
- To refresh some of the key fundamentals of pavement profiling and analysis methods.
- To inform attendees of the advantages, limitations, and pitfalls related to analyzing and interpreting pavement profiles.
- To provide an interactive and hands-on approach throughout the workshop.

AGENDA

8:00 AM - 8:30 AM	ProVAL Program Setup and Checks
8:30 AM - 9:00 AM	Session 1 - Introduction
9:00 AM - 9:45 AM	Session 2 - Profile Measurement and Basic Analysis
9:45 AM - 10:00 AM	Break
10:00 AM - 11:00 AM	Session 3 - Smoothness Assurance Module (SAM)
11:00 AM - 11:55 AM	Session 4 - Case Studies

11:55 AM - NOON

Conclusion and Workshop Evaluations

Advanced ProVAL Workshop

Pavement Profile Viewing and Analysis Software

OBJECTIVES

- To familiarize attendees with the current version of ProVAL - Profile Viewing and Analysis software.
- To review some of the advanced topics of pavement profiling and analysis methods.
- To inform attendees of the advantages, limitations and pitfalls related to analyzing and interpreting pavement profiles.
- To provide an interactive and hands-on approach throughout the workshop.

AGENDA

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| 1:00 PM - 1:30 PM | ProVAL program setup and check up |
| 1:30 PM - 2:30 PM | Session 1 - Profile Filtering and Comparison |
| 2:30 PM - 2:45 PM | Break |
| 2:45 PM - 3:45 PM | Session 2 - Power Spectral Density (PSD) |
| 3:45 PM - 4:55 PM | Session 3 - Automated Fault Measurement (AFM) |
| 4:55 PM - 5:00 PM | Conclusion and Workshop Evaluation |

Further Handouts

The Advanced ProVAL workshop will make use of the following handouts:

<http://www.roadprofile.com/download/workshops/Handouts-Filtering-Chart.pdf>

ProVAL Software and Samples

Both ProVAL workshops will make use of the same ProVAL version, 3.61.24.

<http://www.roadprofile.com/download/ProVAL-3.61.24.msi>

Please install or update the ProVAL software on your laptop prior to the workshops.

Refer to the system requirements and installation guides at the bottom of this webpage:

<http://www.roadprofile.com/proval-software/current-version/>

For the Essential ProVAL workshop, all samples will be automatically installed with the above ProVAL software.

For the Advanced ProVAL workshop, please download the following example and unzip to your desktop.

<http://www.roadprofile.com/download/workshops/Advanced-ProVAL-Samples.zip>

Even though there will be power extensions and surge protectors, please recharge your laptops prior to the workshop just in case.

If there is internet connection at the workshop facility, we will demonstrate the map feature of ProVAL.

See you at RPUG!