

TPF-5(354) Improving the Quality of Highway Profile Measurement

ProVAL Workshop and Users Forum

*RPUG 2026 - Sheraton Pittsburgh Hotel
Friday, May 1, 2026*

OBJECTIVES

- To review the new and improved analysis methods.
- To inform attendees of the advantages, limitations, and pitfalls of analyzing and interpreting pavement profiles.
- To review bug fixes and feature changes from recent releases.
- To obtain users' feedback and wish lists.

AGENDA

1:00 PM - 2:30 PM	Session 1 – Smoothness and ProVAL Analysis (Part I) Introduction, Filtering, Profile Screener, SAM & Grinding, Hands-on Case Studies.
2:30 PM - 2:50 PM	Break
2:50 PM - 4:20 PM	Session 2 – Smoothness and ProVAL Analysis (Part II) Joint identification, Automated Fault Measurement (AFM), JCP Curl/Warp analysis, Optimal WIM Locator (OWL) Hands-on Case Studies.
4:20 PM - 5:00 PM	Session 3 – ProVAL Users Forum Recent new releases/bug fixes, users' feedback, and wish list
5:00 PM	Adjourn

Registration

This workshop is free and open to all RPUG registrants.
Registration is separate from the conference registration. Please sign up to reserve your seats here!

***** IMPORTANT: SEE FURTHER INSTRUCTIONS ON THE SECOND PAGE! *****

To learn more, visit www.RoadProfile.com!

ProVAL Software and Samples

All workshop participants need to pre-install **ProVAL software and sample files on the training computers or their laptops prior to the workshop**. Internet access is also required for the ProVAL map features. *The following instructions are also posted on the [ProVAL website](#).*

ProVAL Software

Option 1

We recommend [installing ProVAL from the Microsoft Store](#).

This option automatically installs any missing Microsoft software and provides automatic updates. If the Microsoft Store is disabled on your computer, you may still be able to download and install ProVAL, depending on your organization's policies. Previous versions of ProVAL 4 should be uninstalled before installing from the Microsoft Store for the first time.

Click the [following image/link](#) to install ProVAL from the MS Store.



Option 2

If the Microsoft Store is disabled on your computer, you may still be able to download and install ProVAL, depending on your organization's policies.

Download ProVAL with this link:

- [Software installation kit \(version 4.0.80 - 44 MB\)](#)

Download and save the above software installation kit file to your local drive, then follow the installation guide to install it on your computer before the workshop.

Sample Files

Download sample files from the following link

- [Sample files \(zipped file, 33 MB\)](#)
Unzip (uncompress) the files to your Windows Desktop folder – that will be used during the workshop.

Requirements

Hardware requirements:

- 2 GHz processor,
- 8 GB RAM,
- 1920×1080 display resolution.

System requirements:

- Windows 10 21H2 is the minimum supported operating system.
- Microsoft .NET Framework 4.8 is required (included with Windows 10 v1903 and later).

ProVAL 4.0+ is only available in a 64-bit version and can only be installed on 64-bit Windows.

Installation Guide

Previous versions of the same family will be automatically uninstalled. For example, 4.x will uninstall previous 4.x versions but will not uninstall 3.x. The two versions can co-exist side-by-side.

The installation itself does not require administrative privileges, but a computer security policy may be configured to block it. If this happens, please get in touch with the person(s) responsible for managing your computer.

The [Desktop App Installer](#) is required to install MSIX packages.

The Microsoft Visual C++ UWP Desktop Runtime Package is required. If this is not installed, Windows will attempt to download it during the installation. If this is not possible, [Winget](#) can be used to download and install the package. The ID for the package is “Microsoft.VCLibs.Desktop . 14”.

Technical Assistance

The installation process is straightforward when you follow the on-screen instructions. If you have any installation issues, [please contact us](#).