



VTWAYS

Providing AIoT and Automation Solutions for Transport, Logistics and Mobility

HTTPS://VTWAYS.COM

VTWAYS is a division of Vidcentum Technologies Pvt Ltd

Email: info@vtways.com

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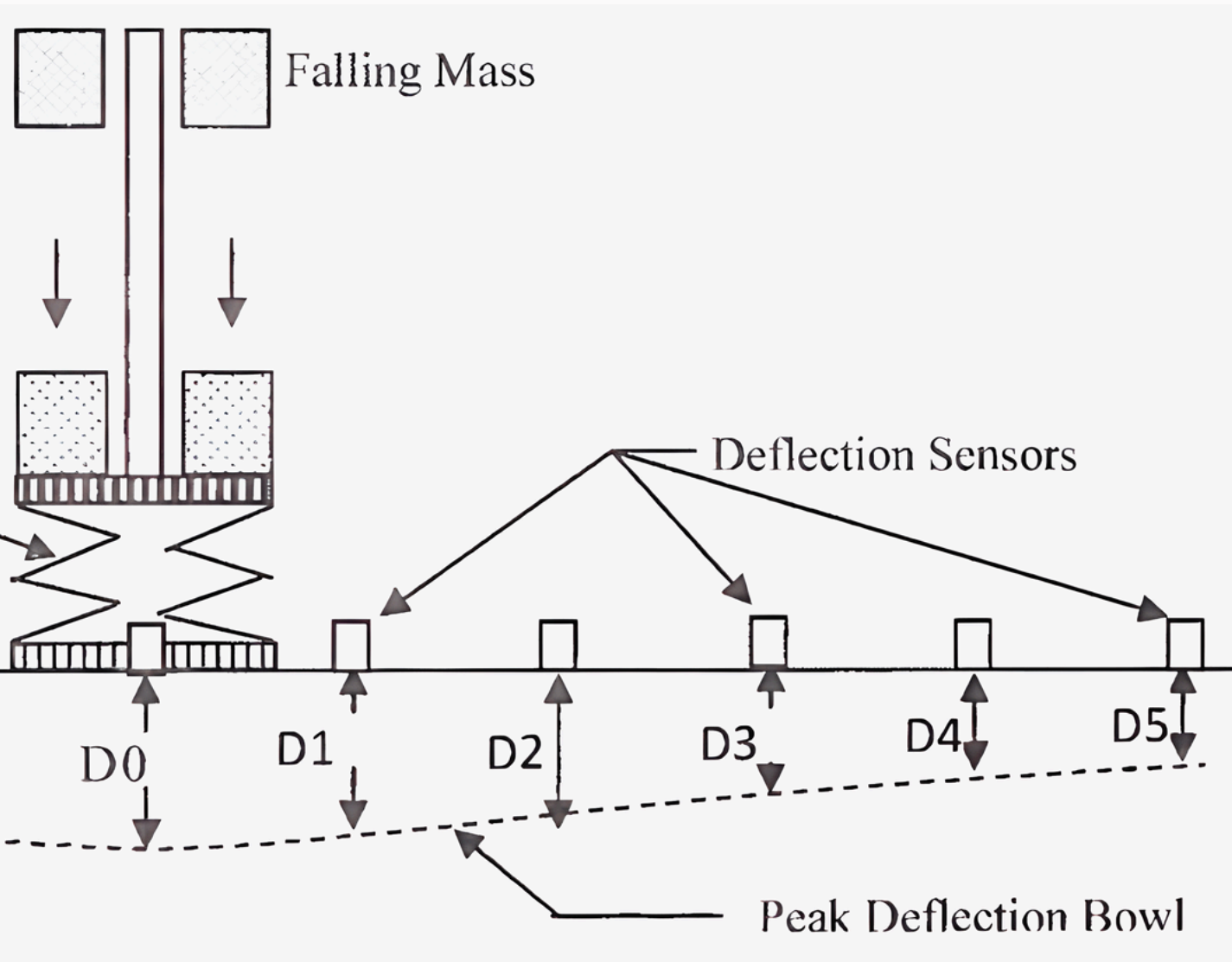
VTBACK24

A Backcalculation Automation Software

- Automates the processing of FWD data with KGPBACK thus enabling faster processing of FWD data for flexible pavements as per IRC:115-2014.
- Eliminates manual effort considerably (more than 90%).
- Computes temperature corrections for the Bituminous layer and seasonal corrections for Granular and Sub-base layers, per IRC:115-2014.
- Runs on both Windows PCs and AWS Cloud for remote batch processing of large datasets.

VTBACK24

Automates FWD Data Processing



Falling Weight Deflectometer



Batch Processing of FWD Data

Enables batch processing of FWD data using KGPBACK (IRC:115-2014) to determine layer moduli.

Temperature and Seasonal Corrections

Performs post processing on the layer moduli to determine temperature and seasonal corrections.

Automatic Handling of Drops

Performs Normalization to standard load (40kN) and average of the deflections. Handles drops automatically.

Desktop and Cloud Software

VTBACK24 runs on Windows, Linux (Ubuntu) and Cloud to handle large number of FWD points.

Cost-Effective and Time Saving

Automates time-consuming human intensive process of Backcalculations with an easy interface.

VTBACK24 AUTOMATES FWD DATA PROCESSING



VTBACK24

Automates FWD Data Processing



THANK YOU

CONTACT

INFO@VTWAYS.COM

FOR DEMO AND TRIAL/EVALUATION DEPLOYMENT