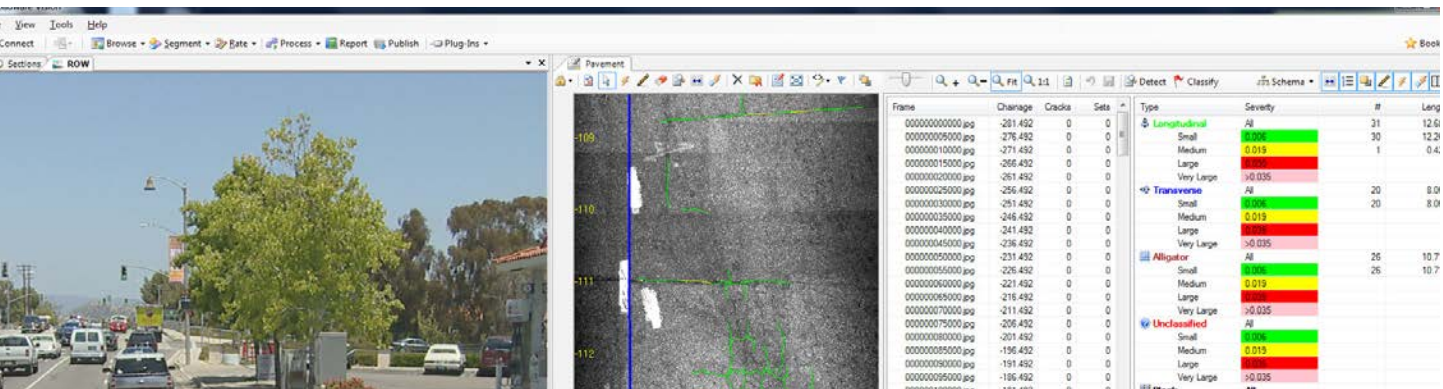




Automated Detection - WiseCrax Pavement Module in Vision



Automated Detection - WiseCrax Pavement Module is a crack detection system developed by Fugro. Cracks as small as one millimeter are detected and analyzed automatically.

Automatic, Accurate, Repeatable Crack Detection

In the past decade, Fugro has conducted extensive research and has made significant investment in automated pavement distress rating. The advantage of the enhanced WiseCrax Pavement Module is its ability to utilize the data collected by various systems including 2mm (0.078 in) area scan, Laser Range Imaging System (LRIS) and Pave3D inputs all in the same module.

Images are processed offline overnight at the office workstation by a unique open architecture process using advanced image recognition software.

Reports are produced describing crack type, severity, extent and location. Crack maps are easily produced and printed for hard copy output.

A unique symbiotic design enables the pavement engineer to interact with the computerized analysis process and to apply sound engineering judgment and experience to the automated outputs.

Automated Detection - WiseCrax Pavement Module helps remove the subjectivity and drudgery from pavement evaluation and ensures more accurate, repeatable comparisons of road deterioration from year to year. The open-architecture software design makes it possible to adjust the software to suit local conditions and distress criteria.

Features

- Totally automated
- Reports crack type, severity, extent and location



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