

PaveScan RDM 2.0™

Image Your World.



PaveScan RDM 2.0 – What is it?

It is a complete GPR system that will:

Provide on-site dielectric values of newly laid and compacted asphalt

Continuous Full Coverage (CFC)

Provide compaction information on-site using a contour map

Provide coring locations

Allow input of core information for calibration and back calculation of % compaction, % void content, and density



We've Come a Long Way!!



TTI Horn Antenna



1.6GHz Antennas



ProtoType, with TTI



ProtoType, with Minnesota



Version 1.0, Maine DOT



We've Come a Long Way!!

- Foldable Arms
- Lower Concentrator Box
- Cable Management



PaveScan RDM 2.0, What's New

Rugged Deployment Cart

- Aluminum lightweight chassis
- Modular assembly for easy deployment and transport
- Foldable deployment arms with high visibility for worksite safety
- Foot activated brake on rear wheel



PaveScan RDM 2.0, What's New

Integrated Concentrator Box

- Accommodates up to 3 sensors
- Housing for dual batteries, Hot swappable
- Housing for cable management



PaveScan RDM 2.0, What's New

New Sensor Design

- Built specifically for the asphalt paving environment
- Green laser to aid location accuracy
- IP65 rated, environmentally sealed



PaveScan RDM 2.0, What's New

Additional Features

- Warm up under 5 minutes
- UI on Panasonic G1 tablet with minimal on-site configuration
- External GPS pole option



PaveScan RDM 2.0



Collecting Data



Conclusion

- **Provides on-site evaluation of asphalt compaction**
- **Continuous Full Coverage (CFC), no more random locations**
- **Provides YOU with coring locations**
- **Allows input of core information for calibration and back calculation of percent void content values and upcoming data collections**
- **No certifications, security issues, factory calibrations**



Thank You!

