## PaveScan RDM 2.0™



### 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









#### **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



#### **Integrated Concentrator Box**

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





#### **New Sensor Design**

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



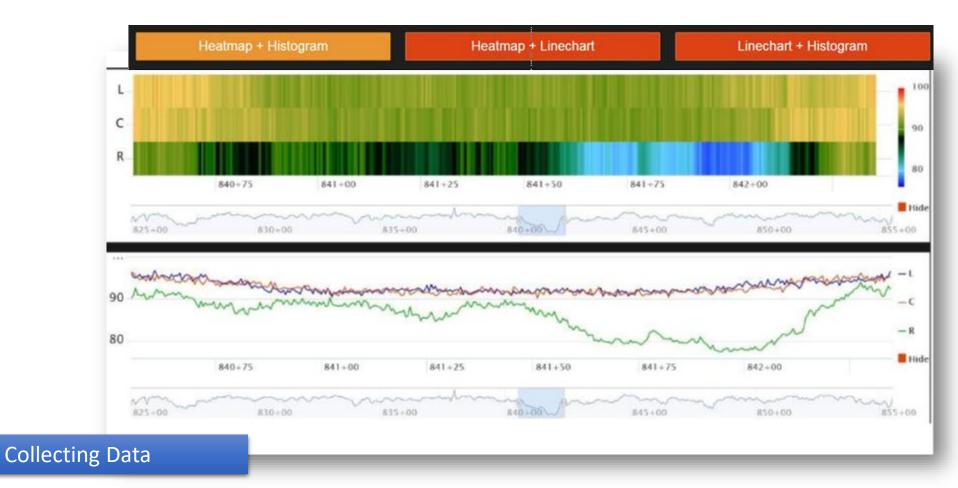


#### **Additional Features**

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



#### PaveScan RDM 2.0





#### 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!

