

# Lead Creek Technologies (LCT) partners with Wisconsin Department of Transportation to upgrade the Statewide Road Weather Information System network.

The Wisconsin Department of Transportation utilizes RWIS or Environmental Sensor Stations (ESS) in the field to collect weather data for many applications. One such unique application is the utilization of subsurface temperature measurements for seasonal weight restriction programs. WisDOT also collects and analyzes atmospheric parameters, pavement conditions, pavement friction, and visibility. WisDOT has introduced non-intrusive roadway sensors of which offer expanded roadway friction data. WisDOT uses the friction data information as well as the camera images for maintenance decision support for critical winter maintenance activities. The information is also shared with the National Weather Service as well as Wisconsin's 511 system. There are currently 75 RWIS systems within the State of Wisconsin.

