

Latest Developments in Pavement Condition Analysis using Mobile LiDAR

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SUMMARY

Learn about the latest advancements for automatic PCI index report using the ASTM 6433 standards from traditional Mobile LiDAR scanned data. See how LiDAR data quality improvements have influenced a new wave of automatic surface analysis tools development. This presentation will demonstrate how to automatically extract, identify and label the condition analysis of road distress, such as ruts, potholes, swells, heaving, depression and more. It will also go through what features cannot be automated and how to identify those additional types of distress such as cracks, breaks, patching, bleeding, etc. The presenter will dive into results reporting and use including GIS and optimized surface mesh modeling.

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