NDT for Concrete Pavement Construction Workshop

Why Attend?

This 4-hour in-person workshop provides DOT personnel and contractors with a comprehensive understanding of the latest non-destructive test (NDT) methods used in concrete pavement construction. Participants will learn how NDT methods help improve real-time decision-making, reduce risks and uncertainties, and provide broader, more reliable data leading to better QC/QA outcomes, improved durability, and longer-lasting pavements.

The workshop highlights how technologies such as GPR, MIRA, MIT Scan systems, maturity meters, and real-time smoothness tools can identify defects early, optimize construction processes, verify design parameters, and support digital as-built records.

Attendees will also gain practical implementation strategies, insights into specification development, and proven approaches for partnering effectively on pilot projects. Whether you are an agency seeking to enhance acceptance processes or a contractor aiming to boost efficiency, reduce rework, and maximize incentives, this workshop provides actionable knowledge that directly supports quality, safety, and cost savings.

Date and Location

August 24, 2026, 8am-12pm
Louisville, Kentucky

In conjunction with ISIC North American Chapter Conference

Workshop Instructors:

David Merritt, P.E.
Senior Engineer, The Transtec Group, A Terracon Company

Jim Grove, P.E.
President, Concrete Technology Transfer, LLC

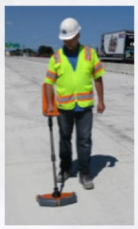
Who Should Attend?

A combination of contractor and agency attendees is very important to facilitating meaningful discussion and a successful workshop.










What Will You Learn?

A clear, practical understanding of how modern NDT can be applied throughout concrete pavement construction to improve quality, safety, and performance.

- Overview of NDT in concrete pavement QA
- Equipment by Measurement Focus
  - Strength, modulus, and durability
  - Thickness
  - Dowel alignment
  - Timing for saw-cutting and opening to traffic
  - Consolidation and defect detection
  - Smoothness and friction assessment
- Technology spotlight sessions on
  - GPR MiniXT
  - Ultrasonic Tomography (MIRA),
  - MIT Scan T3
  - MIT-Dowel-Scan
  - Real-time Smoothness

  covering roles in QA, benefits, limitations, setup, and case studies.
- Implementation Strategies and Tips

Agenda

Modules	Length (min.)
1: Introduction and Overview	30
2: Equipment by Measurement Focus	70
Break	15
3: Technology Spotlight	90
4: Implementation and Conclusion	35

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This workshop is sponsored by FHWA Project 693JJ325D00003, *Develop Information Materials NDT Intelligent Construction Technologies for Concrete Pavement Quality Assurance During Construction*.

ICT NDT for Asphalt Pavement Construction Workshop

Why Attend?

This 4-hour in-person workshop provides DOT personnel and contractors with a comprehensive understanding of the latest non-destructive test (NDT) methods used in asphalt pavement construction. Participants will learn how ICT NDT methods help improve real-time decision-making, reduce risks and uncertainties, and provide broader, more reliable data leading to better QC/QA outcomes, improved durability, and longer-lasting pavements.

The workshop highlights how technologies such as intelligent compaction (IC), paver-mounted thermal profiling (PMTP), and dielectric profiling systems (DPS) can identify defects early, optimize construction processes, verify design parameters, and support digital as-built records.

Attendees will also gain practical implementation strategies, insights into specification development, and proven approaches for partnering effectively on pilot projects. Whether you are an agency seeking to enhance acceptance processes or a contractor aiming to boost efficiency, reduce rework, and maximize incentives, this workshop provides actionable knowledge that directly supports quality, safety, and cost savings.

Date and Location

August 24, 2026, 1pm-5pm
Louisville, Kentucky

In conjunction with ISIC North American Chapter Conference

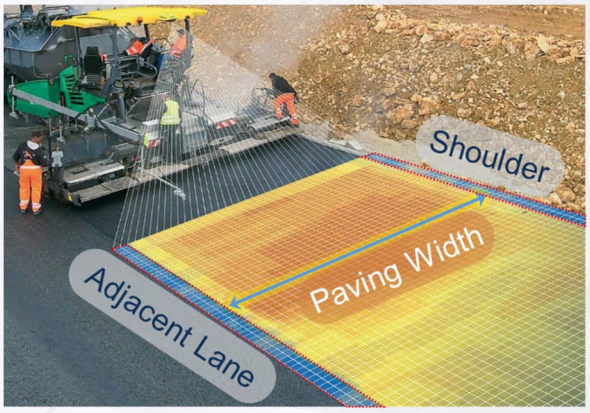
Workshop Instructors:

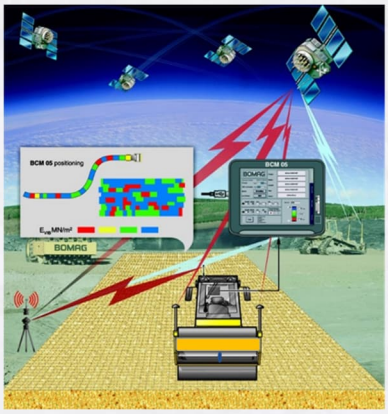
George Chang, PhD, P.E.
Senior Engineering Consultant, The Transtec Group, A Terracon Company

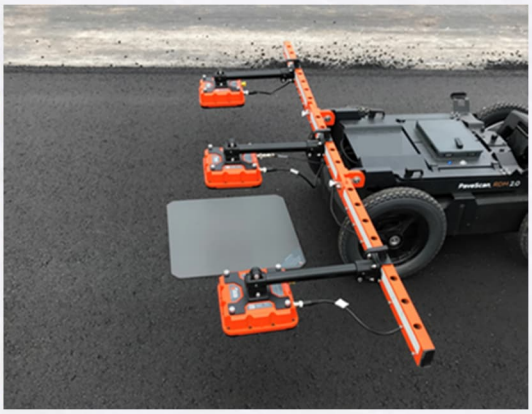
Amanda Gilliland, P.E.
Senior Engineer, The Transtec Group, A Terracon Company

Who Should Attend?

A combination of contractor and agency attendees is very important to facilitating meaningful discussion and a successful workshop.







What Will You Learn?

A clear, practical understanding of how modern NDT can be applied throughout asphalt pavement construction to improve quality, safety, and performance.

- Overview of NDT in asphalt pavement construction.
- Technology focus on:
  - Intelligent Compaction
  - Paver-mounted Thermal Profiling
  - Dielectric Profiling Systems
- Implementation in Veta and Case Studies

Agenda

Modules	Length (min.)
Welcome	5
1: Introduction and Overview	25
2: PMTP (Paver Mounted Thermal Profile)	35
3: IC (Intelligent Compaction)	35
Break	
4: DPS (Dielectric Profile Systems)	45
5: Veta and Case Studies	45
6: Implementation	35

For more information contact:
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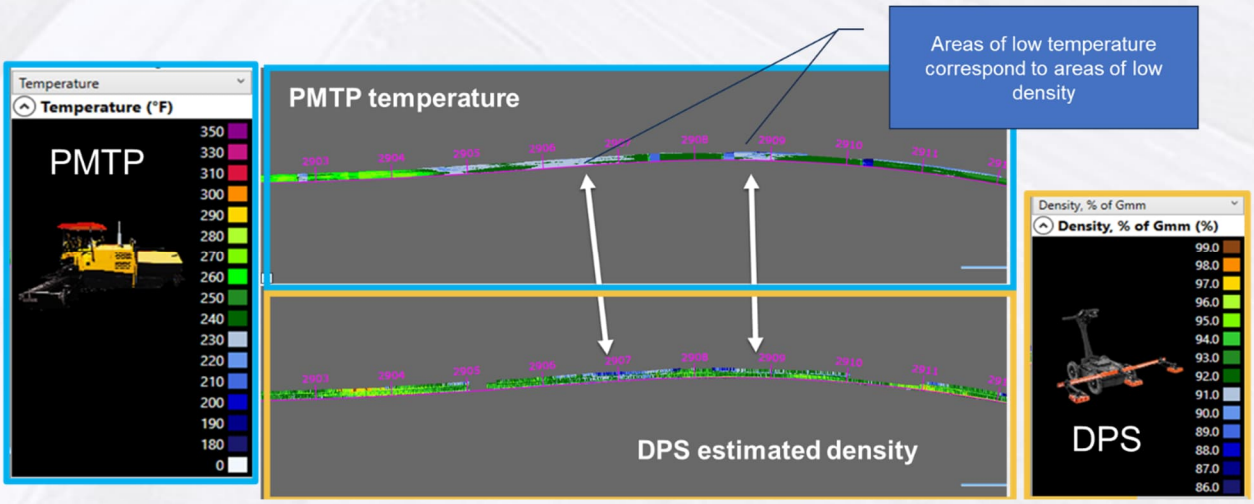

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