



# FHWA - IMPROVING CONCRETE DURABILITY AND PERFORMANCE WITH INNOVATIONS IN CONCRETE TESTING TECHNOLOGY

The Federal Highway Administration's Mobile Concrete Technology Center provides education and training to local transportation personnel on state-of-the-art concrete technology in materials selection, mixture design, field and laboratory testing, and pavement evaluation.

Please consider joining us as we bring new performance-based testing and QA procedures reflecting the industry's commitment to providing durable, resilient, sustainable and long-life pavements.

This seminar includes classroom training and hands-on participation on the various advanced testing procedures and protocol. These tests are not ODOT approved, but are currently under evaluation.

**THURSDAY, MARCH 9, 2023**

1:00 pm - 2:15 pm (lunch provided)

Case Western Reserve University Concrete Lab  
Professor Katie Wheaton, Concrete Design Class

## EQUIPMENT DEMONSTRATIONS:

- Super Air Meter (SAM) – Technology to measure air void characteristics
- Surface Resistivity – Rapid measurement to indicate permeability
- Box Test – Measurement of workability for paving
- Float Test – Measurement of workability for non-paving
- Phoenix – Simplified water cementitious ratio determination in the field
- MIRA – Identifies construction related abnormalities and steel location
- MIT Scan T3 – Nondestructive device for measuring pavement thickness
- Calorimeter – Determines consistency of cementitious materials during production

## CONTACT:

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