



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

# FHWA Mobile Concrete Technology Center Virtual Technician Training



## Background

The FHWA's Mobile Concrete Technology Center (MCTC) transfers new and innovative technologies and best practices related to concrete materials and pavements. We partner with agencies, industry, and academia to improve the quality of concrete infrastructure. The MCTC is offering FREE virtual training to technicians and engineers on materials and construction testing equipment/test methods. The virtual training will be taking place from the MCTC. Training will be provided by the MCTC Technicians and Engineers.

## Format/Number of Attendees

The training will be **very informal** to facilitate interaction between the attendees and the instructors. The attendees will be encouraged to perform tests along with the instructors during the training. Due to the format of the training, 5-6 attendees is ideal for each session. However, up to 10 attendees can be accommodated. Sessions will be done in Microsoft TEAMS.

## Topics

The following are the tests/technologies that are offered as part of the training. In addition to those shown in the list below, other technician-relevant concrete topics may be offered upon request.

- [Box Test / V-Kelly Test \(single session\)](#)
- [Surface / Bulk Resistivity Meter](#)
- [Super Air Meter](#)
- Phoenix (water content of fresh concrete)
- [Semi-Adiabatic Calorimeter](#)
- [Aggregate Gradation Software](#)
- [HIPERPAV](#)
- [Maturity](#)
- [MIT DOWEL SCAN](#)
- [MIT SCAN T3](#)

## Who Should Attend?

The primary audience for this training is technicians with agencies (central lab and field offices), contractors, and consultants. Engineers can also benefit from this training.

## Duration of the Sessions

Our sessions are 1 hour long for a single selected technology and 1-1/2 hours long for two selected technologies.



## What Will You Learn?

The training will be on the operational aspects of the tests/technologies. Training is not on the theoretical aspects of the tests (although questions are welcome during the training). Our goal is to impart tips and tricks the MCTC staff have learned from our nationwide experience so technicians can increase their competency with the tests/technologies.

## Benefits

- **FREE** training! There is no cost to your organization for this training.
- No travel.
- Informal interactive format.
- Experienced technicians and engineers.
- Unique program with a national perspective.

## Interested?

If interested in the training, please contact your local FHWA Division Office or contact the FHWA Mobile Concrete Technology Center directly at:

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