

# Local Concrete Seminar



September 29 - October 1 or October 20-22 • 10:00 - 11:30 AM



Michigan's  
Local Technical  
Assistance Program

This three-day *virtual seminar* will address quality concrete design and construction with an emphasis on local roads. Topics include:

- Michigan Department of Transportation's *MDOT 2020 Spec Book* updates
- Proper use of supplementary cementitious materials
- Concrete mix design and job mix formula approval process

This virtual will also include time for participants to ask questions and get answers.

[Seminar agenda](#)

[Visit ctt.mtu.edu](http://ctt.mtu.edu) for more training opportunities.



## Registration\*

Fee: \$25/three-day seminar

Register online for [September 29 - October 1](#) or [October 20-22](#)

Questions? E-mail: [ctt@mtu.edu](mailto:ctt@mtu.edu)

Virtual seminar will be held in Zoom. Login information for the remote seminar will be e-mailed to registered attendees in advance of the event.

\* Required for continuing education. The Center for Technology & Training's continuing education policy is available at [ctt.mtu.edu/ContinuingEducation](http://ctt.mtu.edu/ContinuingEducation).

No-shows and cancellations within three business days of the session will be charged the full registration fee. Substitutions will be accepted.

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## Day 1

- 9:45 a.m. Login/webinar room admittance begins
- 10:00 a.m. Welcome & Introductions
- 10:05 a.m. **MDOT 2020 Spec Book Updates**  
*Steve Waalkes, Michigan Concrete Association*  
Michigan Concrete Association staff have analyzed and documented the proposed changes to the concrete-related specifications in the draft MDOT 2020 Standard Specifications and will present those changes to attendees.
- 11:15 a.m. Questions & Answers
- 11:30 a.m. Adjourn

## Day 2

- 9:45 a.m. Login/webinar room admittance begins
- 10:00 a.m. Welcome & Introductions
- 10:05 a.m. **Why Use Supplementary Cementitious Materials?**  
*Dan DeGraaf, Michigan Concrete Association*  
We will discuss the role that slag cement and fly ash play in enhancing

## Day 2, cont'd

concrete performance, and how engineers, contractors, and inspectors can best use them to their fullest potential.

- 11:15 a.m. Questions & Answers
- 11:30 a.m. Adjourn

## Day 3

- 9:45 a.m. Login/webinar room admittance begins
- 10:00 a.m. Welcome & Introductions
- 10:05 a.m. **Understanding the Concrete Mix Design and JMF Approval Process**  
*Steve Waalkes & Dave Cook, Michigan Concrete Association*  
Do you know what's required for a concrete mix design? What are the necessary items in a job mix formula (JMF)? What does the approval process look like. This presentation will give attendees the answers!
- 11:15 a.m. Questions & Answers
- 11:30 a.m. Adjourn

[View event details](#)

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