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Durable. Economical. Sustainable.

OHIO CONCRETE

FALL ENGINEERING BREAKFAST SEMINAR

*A special thank you to the
Franklin County Engineer's
Office for allowing Ohio Concrete
to host this event*



**REGISTER TODAY!
(SPACE IS LIMITED)**

- DATE:** November 9, 2023
- TIME:** 7:30 am - 12:00 pm
- PROVIDER:** Ohio Concrete
- CREDITS:** 3 CPDs
- LOCATION:** Franklin County Engineer's Office
970 Dublin Road
Columbus, OH 43215
(FREE PARKING)
- COST:** \$25.00



SCAN THE QR CODE
FOR DIRECTIONS



Contact:

Lisa Weaver-Moon (C/SE Ohio)
lisa@ohioconcrete.org
614-902-2955

**Breakfast provided by *Chris Cakes*
(includes pancakes, sausage, juice, coffee)**



PROGRAM AGENDA



7:30 am - 8:15 am Registration and breakfast provided by *Chris Cakes*

8:15 am - 8:30 am Welcome – Lisa Weaver-Moon, *Ohio Concrete*

8:30 am - 8:45 am Welcome – Cornell R. Robertson, P.E., P.S.,
Elected Franklin County Engineer

8:45 am - 9:00 am Franklin County 2023-2024 Construction Update –
W. Fritz Crosier, P.E., *Chief Deputy of Engineering -
Franklin County*

9:00 am - 9:40 am Managing Franklin County's Bridge Maintenance Through Improvements in
Concrete – Edwin H. Herrick, III, P.E., *Franklin County Bridge Engineer*

Over the past decade, the Franklin County Bridge Program has evolved from finding innovative ways to replace their bridges into focusing on innovative ways to maintain their structures. It is not economical to try to stay ahead of an aging infrastructure by continuing to reconstruct. Agencies cannot afford to continue to replace structures but must prevent the condition levels from dropping below Satisfactory. Ed Herrick will discuss how Franklin County has been using Internal Cure and Liquid Fly Ash to try to reduce cracking in their concrete decks. Proactively reducing cracks rather than reactively sealing them is one of the keys to prolonging the life of the county's bridges and reducing the maintenance burden.

9:40 am - 9:45 am 2023 Project of the Year Award – Nick Elmasian, *Elmasian Engineering*

9:45 am - 10:00 am Break

10:00 am - 10:40 am Concrete Temperature Control Monitoring – Walt Rough, P.E., Project Manager,
CTL Engineering

Temperature monitoring of the internal and external concrete temperature is an important requirement for most mass concrete placements during the curing phase in order to identify and address the risk of thermal cracking. It was even used at the new downtown Hilton hotel. This presentation will discuss some of the methods used in the testing of fresh concrete, installation of temperature monitoring sensors, and technologies used in the data collection and monitoring process.

10:40 am - 11:00 am ODOT Updates – Dan Miller, MCE, P.E., Administrator and Andrea Salyer, P.E.,
Concrete & Cement Engineer, *ODOT Office of Materials Management*

11:00 am - 12:00 pm Roller Compacted Concrete (RCC) – How It's Best Used Today –
Jeff Thompson, P.E., V.P. Paving Operations, *Complete General Construction Company*

Roller Compacted Concrete has been in Ohio since the early 2000's. Learn about some of the benefits and best practices for this pavement choice. Several projects will be discussed as case studies.

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