

National Ready Mixed Concrete Association



CONCRETE PAVEMENTS

*The “Centsible”
Choice for Your
Next Project*

Wednesday, March 20, 2019

8:30 AM - Noon

Valley Forge Casino Resort
1160 1st Avenue
King of Prussia, PA 19406

Pennsylvania Aggregates & Concrete Association

PRESENTATIONS

ACI 330; the Gold Standard for Concrete Parking Lot Design - Speaker: Luke McHugh, National Ready Mixed Concrete Assn.

What do designers currently use for parking lots? When asked, most refer to the AASHTO Guide or similar local DOT pavement design guide. And, there are some who design with asphalt by default because “that’s the way we’ve always done it.” This presentation introduces ACI 330 *Guide to Design and Construction of Concrete Parking Lots* as the industry standard. The program includes a walk-through of the ACI 330 document and shows how to determine pavement thickness based on three criteria: material strength, soil support and average daily truck traffic (ADTT). Additionally, common design misconceptions, such as aggregate subbase and steel reinforcement, are addressed. Proper jointing practices are also discussed.

Luke McHugh – A senior director for the NRMCA’s Local Paving Division, Luke has over 30 years of experience providing consulting engineering and construction support services on a variety of airport paving and site development projects.

He earned a bachelor’s degree in civil engineering from Drexel University in 1987 and a master’s degree in engineering management from Drexel University in 2005. He is a registered Professional Engineer in Pennsylvania, New Jersey, Delaware, Maryland and Florida.

Concrete Overlays of Asphalt Parking Lots - Speaker: Phil Kresge, National Ready Mixed Concrete Assn.

Parking lot owners need proactive, sustainable pavement preservation and rehabilitation strategies that last longer at reasonable cost. Concrete overlays represent such strategies. With a properly designed and constructed concrete overlay, a distressed or poorly performing asphalt parking lot can be converted into a durable, low maintenance, and long-life parking structure. This presentation introduces the *Guide to Concrete Overlays of Existing Asphalt Parking Lots* and explains the overlay process from pavement evaluation through construction and placing the pavement into service. Additionally, attention is given to special design details such as pavement thickness transitions, manholes/intakes and transition into curbs.

Phil Kresge – As Senior Vice President of NRMCA’s Local Paving Division, Phil works with state, regional and local promotion partners to help deliver concrete parking and street paving projects by supporting promotion, design and construction activities.

He holds a Bachelor’s Degree from Syracuse University, and currently sits on the Transportation Research Board’s subcommittee on Paving Materials and the Urban Climate, the US EPA’s Heat Island Reduction Initiative, and the EPA Region III Green Highways Partnership.

Emerging Concrete Pavement Technologies - Speaker: Ken Crank, Pennsylvania Aggregates & Concrete Assn.

You can’t go wrong selecting concrete for paving project, but you do have concrete options depending on the application. This presentation provides an overview on those options which include roller compacted concrete, pervious concrete, and the latest innovation; full depth reclamation using cement slurry. We will also introduce the resources available to make your selection process easier.

Ken Crank – The Director of Concrete Promotion for PACA, Ken carries certifications as an ACI Grade 1 Field Technician, ACI Concrete Flatwork Technician, NRMCA Pervious Concrete Technician and is also a LEED Accredited Professional. He is a graduate of Millersville University with a B.S. in Business Management and has over 28 years of construction industry experience.

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Registration questions?

Contact Kallie Kline, Dir. of Member Services - kallie@pacaweb.org

Content questions?

Contact Ken Crank, Dir. of Concrete Promotion - ken@pacaweb.org

Earn 3.5 PDH/CEUs by attending this event!

\$45 to attend.

To register, [CLICK HERE.](#)