

# Design and Construction of Concrete Parking Pavements plus Fiber Reinforcing for Concrete

*Presented by: KAPA-KRMCA Concrete Forums*

**Wednesday, September 20, 2017**

Butler Community College-Andover Campus  
715 E. 13<sup>th</sup> St., Andover, KS 67002

**Thursday, September 21, 2017**

Douglas County Public Works  
3755 E. 25<sup>th</sup> St., Lawrence, KS 66046

Concrete parking pavements are increasingly being recognized as an effective solution to rising asphalt material and maintenance costs. Learn correct design and construction techniques from our expert speaker Ken Justice, P.E., National Ready Mixed Concrete Association Senior Director for Local Paving. Parking pavement section design (based on ACI330), economical use of reinforcing and base materials, and concrete overlays of existing asphalt will be covered. The program will also feature Lawrence E. Kaiser, P.E., GCP Applied Technologies (Andover session), and Dr. John Kevern, P.E., UMKC Civil Engineering (Lawrence session), speaking on the use of synthetic fiber reinforcing in concrete construction and paving. Concrete Forums are sponsored by Kansas Aggregate Producers Association – Kansas Ready Mixed Concrete Association.

9:30 am	<b>Registration</b>
10:00 am	<b>Opening Remarks</b>
10:10 am	<b>Design and Construction of Concrete Parking Pavements:</b> Concrete parking pavements are frequently over-designed for the anticipated traffic loading and soil conditions. Ken Justice, P.E., will present on correct pavement section design based on ACI 330. This session will assist the attendee with making an informed pavement selection decision while ensuring an economical yet long-lasting concrete pavement and successful project. Also, Justice will provide the latest technologies in the use of concrete overlays on existing asphalt parking lots.
11:30 am	<b>Lunch</b>
12:00 pm	<b>Fiber Reinforcing for Concrete:</b> Our presenters will cover the basics of synthetic fibers and how they function as reinforcement in concrete construction. Detailed information will be provided about use of fibers in concrete parking pavements and the effect on section design. Lawrence E. Kaiser, P.E., will present at the Andover session, and Dr. John Kevern, P.E., at the Lawrence session.
1:00 pm	<b>Quality Concreting Overview:</b> This session will review some basic tenants of creating a quality concrete paving project. Concrete mixes, proper placing and finishing techniques, and use of de-icing chemicals will be a few of the subjects discussed. Douglas W. Burns, Ash Grove Cement, will present.
1:30 pm	<b>Discussion/Q &amp; A</b>
2:00 pm	<b>Adjourn</b>

Please Register the Following People for the KAPA-KRMCA Concrete Forum on

**Design and Construction of Concrete Parking Pavements plus Fiber Reinforcing for Concrete**

Name:	Company:	Email Address:	9/20 (Andover)	9/21 (Lawrence)

**Each attendee will receive the following:**

- *Portland Cement Association Design & Control of Concrete Mixtures Manual*
- *ACI330 Guide to Design & construction of Concrete Parking Pavements*
  - *ACI330 Quick Reference Guide*
- *CP Tech Center Guide to Concrete Overlays of Existing Asphalt Parking Lots*
  - *Certificate for 3.5 CEC/PDH*

**Registration Details:**

There is **NO** cost to Attend – But you must Register  
Registration Includes Lunch & Materials

Registration Deadline: Friday, September 15, 2017  
 On Line: [www.kapa-krmca.org](http://www.kapa-krmca.org)  
 Go to Concrete Forum Educational Series

By Mail: KAPA-KRMCA  
 800 SW Jackson Suite #1408  
 Topeka, KS 66612

By Email: [phansen-nagy@kapa-krmca.org](mailto:phansen-nagy@kapa-krmca.org)

By Fax: 785-235-2544

Questions: Contact Peggy Hansen-Nagy, KAPA-KRMCA Administrative & Promotions Coordinator  
 Phone: (785) 235-1188 Email: [phansen-nagy@kapa-krmca.org](mailto:phansen-nagy@kapa-krmca.org)

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