

Airport Pavements: Online

4 @ 18.75' = 75'
(22.8 m)

4 @ 18.75' = 75'
(22.8 m)

RUNWAY 14-32



1.5% TYPICAL
VARIES 110' TO 130'



(mm)
SECTION

12" (305 mm) CEMENT
SUBBASE, SECTION 0

FORATED

EXISTING SAND
FILL

1
416

April 27, May 11, and May 25
Tuesdays at 1 p.m. (Eastern) | noon (Central)



NO SCALE

TYPICAL RUNWAY PCC SECTION

STA 10+00 TO 20+00

STA 51+90 TO 62+50

STA 119+00 TO 139+00



In response to strong demand for our successful “Airport Pavements: Online” course, the American Concrete Pavement Association is offering an updated version of this web-based seminar series.

Specially designed for consultants, airport owners and owners’ representatives, contractors, and others with an interest in concrete pavement design for airports, this program will deliver the latest information about pavement design techniques; standards and specifications; and construction techniques and tips.

Flexibility ... Responding to feedback from our previous course attendees, ACPA has structured

3 x 3 x 3

Here are just a few advantages of our three seminars, scheduled for three hours each, over a span of three weeks.

- < Earn up to 9 PDH’s .
- < Scheduling flexibility.
- < Mix and match training topics. No travel or time away from high priorities).

“Airport Pavements: Online” with flexibility in mind. The training features modular courses, which allow you to participate in one, two, or all three self-contained training events with no worries about missing anything or having to catch up on missing information.

Convenience ... We’ve also built this course with convenience in mind. You can participate in this training virtually anywhere a computer, phone, and Internet connection are available. In fact, Voice-Over-Internet Protocol (VOIP) technology will even allow you to participate without a phone.

Because you never even have to leave your office, you can balance your time between this highly focused training, projects, and other priorities. Also based on feedback from participants, we are even including some breaks in the schedule. This means we’ll present the web training on three Tuesdays this spring, April 25, May 11, and May 25, each at 1 p.m. (EST) | noon (CST) | 10 a.m. (PST).

Professional Development ... You also may be eligible for up to 9 professional development hours (PDH’s) after completing all three modules. (Local licensure requirements will vary from one state or province to the next, so please check with local authorities before registration.



Session 1 (Three Hours) — April 27 (Tues.)

Pavement Design Theory

- Introduction to Airport Pavement Design – 1 ¼ hours (Gary Mitchell, P.E., American Concrete Pavement Association)
- Break/Q&A online – 10 minutes
- Effects of Stabilized Base – ¾ hours (Robert Rodden, EIT, AMERICAN CONCRETE PAVEMENT ASSOCIATION)
- Break/Q&A online – 10 minutes
- Materials Selection for Concrete Pavement – 1 hour (John Anderson, PhD, P.E., Tigerbrain Engineering, Inc.)
- Q&A online – Approximately 10 minutes, or as needed.

Session 2 (Three Hours) — May 11 (Tues.)

Pavement Design Procedures and Software

- Military Airport Pavement Design – 1 hour (Rich Thuma)
- Break/Q&A online – 10 minutes
- FAA AC 150/5320-6E FAARFIELD Design Procedure – 1 ½ hours (Doug Johnson, P.E., Federal Aviation Administration, Central Region)

- Break/Q&A online – 10 minutes
- Using the AMERICAN CONCRETE PAVEMENT ASSOCIATION’s AirPave software to analyze airport pavements – ½ hour (Gary Mitchell, P.E., American Concrete Pavement Association)

Session 3 (Three Hours) – May 25 (Tues.)

Details for Construction

- Airfield Pavement Jointing – 1 hour (Robert Rodden, EIT, AMERICAN CONCRETE PAVEMENT ASSOCIATION)
- Break/Q&A online – 10 minutes
- Building Smooth Pavement – ½ hour (Tony Gerardi, APR Consultants)
- Break/Q&A online – 5 minutes
- Planning for Fast-Track Construction – ½ hour (Mark Manning, P.E., Kimley-Horn and Associates, Inc.)
- Break/Q&A online – 5 minutes
- Evaluation of ASR Potential of Aggregates in the Presence of Pavement Deicing Chemicals -- Dr. Prasad Rangaraju, P.E., Clemson University
- Q&A online – Approximately 10 minutes, or as needed.



Registration Rates. 1 Session Only — \$150 ACPA Members or Government Employees | \$225 Non-Members

2 Sessions or 3 Sessions — \$300 ACPA Members or Government Employees | \$450 Non-members

As an added bonus, ACPA is currently offering all three sessions bundled together for the price of two sessions. In addition to this great value, a free copy of AirPave software is provided with the bundle (a \$500 value to non members or \$125 value to members).

Online Registration. Online registration is fast and simple. To register online, please visit the ACPA website and then, click on the “bookstore” tab. Enter payment information

Confirm registration when you receive reminders from “Go to Webinar.” Log in a few minutes prior to the seminar(s). Be sure to visit the Registration

Section to obtain information about: Discounts for Government Employees and Members; How to Register a Group; or Alternate Payment Options.

If you need assistance with registration, please contact Debbie Becker at 847.966.2272 or dbecker@acpa.org.

Questions/More Information? For additional information or any questions about this training program, please contact Gary L. Mitchell, P.E., Director of Airports & Pavement Technology. Phone: 704.766.0851 (office) or 704.904.9459 (mobile). Email: gmitchell@acpa.org.

If you know someone else who might benefit from this training, please let us know. We'll be happy to send an invitation to others in your company or agency. Contact Bill Davenport at 847-966-2272 or email bdavenport@acpa.org.

The discounts are just the beginning.

If you're not already taking advantage of discounted products, training, and other services, get connected with the American Concrete Pavement Association. But the discounts are just the beginning. Here are just a few of the other benefits of APCA membership.

- < Research Support
- < Technology Development
- < Advocacy with Agencies
- < Voice & Visibility

- < Networking
- < Training Referrals
- < Local Support
- < Troubleshooting, and, of course,
- < Discounted Products & Services

For more information about the benefits of APCA membership, contact Gerald Voigt, P.E., ACPA President & CEO. Phone: 847-972-9810. Email: acpa@acpa.org.

ACPA: We're Advancing the Concrete Pavement Industry Nationally and Locally.