

## Workshop Objectives

- 1) Provide an explanation of the concepts adopted in the MEPDG procedures.
- 2) Present an overview of the Design Guide and the design software.
- 3) Offer attendees experience in performing a real design using the MEPDG software for new and rehabilitated rigid and flexible pavements.
- 4) At the conclusion of the workshop the attendee will be able to design pavements utilizing the MEPDG in accordance with INDOT policies and local calibrations.

After 10 plus years of development, a new pavement design/analysis tool has been adopted by the American Association of State Highway and Transportation Officials (AASHTO). Effective 2009, INDOT has adopted this new tool - MEPDG - for design/analysis of pavements on all projects. This workshop will provide a forum to learn how to design/analyze with MEPDG and use the new software.

The MEPDG is an analysis tool that will be used to design pavements for:

- 1) New or Replacement Pavement Projects
- 2) Pavement Rehabilitation Projects
- 3) Pavement Preservation Treatments
- 4) LPA Pavement Projects



## The New Mechanistic-Empirical Design Guide

- An improved design procedure advancing from empirical to mechanistic-empirical design principles.
- Knowledge from experimental investigations of test tracks and pavement test sections that systematically studied effects of pavement design on performance.
- Improved modeling of the impact of design features, traffic loading, climatic effects and material characteristics on performance.

## MEPDG Mechanistic Empirical Pavement Design Guide Workshop & Training



Sponsored by  
ACPA, INDOT, ACEC,  
APAI, FHWA



## MEPDG IMPLEMENTATION:

INDOT Projects started 1/01/09  
LPA Projects start after workshop

- 1) New Pavement Designs
  - 2 ) Review all Existing Designs
  - 3) Analyze all Pavements for structural adequacy prior to performing any work.
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## Workshop Information:

**Date:** March 16-17, 2009

**Location:** Indianapolis Marriott East  
7202 East 21st Street  
Indianapolis, IN 46219

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## Dates and times:

March 16th -  
Registration starts at 8:00 a.m.  
Class - 8:30 a.m. to 5:00 p.m.

March 17th -  
Class - 8:00 a.m. to 4:30 p.m.

## Who should attend?

Anyone involved in the design of pavements.

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## Workshop Fee: \$89.00

Fee Includes:

- 1) Workshop materials
  - Participant's Workshop Manual
  - Reference Manual - MEDPG
  - Software and Example Problem Files
  - Traffic & Weather Data Files
- 2) Lunch - 16th and 17th

3) Breaks and beverages

## Return registration form (by mail, fax or email) with payment to:

American Concrete Pavement Association  
(at Pyramids' Office)  
3500 DePauw Boulevard  
Suite 1081  
Indianapolis, IN 46268  
Ph: 317-872-6302  
Fax: 317-872-6313  
Email: edick@irmca.com or  
mbyers@pavement.com



# MEPDG Workshop Registration Form

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Tel. \_\_\_\_\_ Fax \_\_\_\_\_

Participant Name

1. \_\_\_\_\_

email: \_\_\_\_\_

2. \_\_\_\_\_

email: \_\_\_\_\_

(please attach separate list if necessary)

No. attending \_\_\_\_ x \$89.00 = \_\_\_\_\_

Payment must accompany registration.

Enclose a check payable to American Concrete Pavement Association or complete the following for MasterCard or Visa payment.

Name on Card \_\_\_\_\_

Card # \_\_\_\_\_

Exp. \_\_\_\_\_

Signature \_\_\_\_\_