

# 95TH ANNUAL

## ECONOMIC RECOVERY THE PRIME TOPIC AT 95TH ANNUAL ROAD SCHOOL

The economy dominated the program for this year's Road School, but it certainly did not hurt our attendance! Everyone has been counted now and 1,613 of you attended.

The Opening Session on Wednesday began with INDOT Commissioner Michael Reed presenting his state of the state highway system report. Our featured guest speaker was Robert Tally, Division Administrator for the Federal Highway Administration Indiana Division. His presentation entitled "Redefining the Three Rs...Recovery, Reinvestment, and Reauthorization" was very timely information about the federal funding that will be available to Indiana for infrastructure improvements in the Economic Recovery Act. The Indiana Highway Quality Awards, which are sponsored jointly by the Federal Highway Administration and the Indiana Department of Transportation, were presented to four state and local highway projects completed in 2008. Our congratulations go out to all of the designers, engineers, and contractors for these award-winning projects! Indiana LTAP also awarded three individuals with their Master Road Builder Certificates. (See page 22 for more details). The traditional Road School Exhibitors Luncheon was again a popular event, and the day concluded with the Annual Welcome Reception at the University Plaza Hotel, which was also well attended. We extend our thanks to all of the consultants and suppliers who participated in these two events.

Throughout the next two days, there were 44 sessions, both highly technical as well as self-improvement-oriented, with the dominating theme of economic recovery and preservation of assets. Our traditional timely updates in the environmental, pavement, safety, traffic

and maintenance areas were also provided, as well as sessions dealing with improving communication and presentation skills.

Road School is coordinated by the Joint Transportation Research Program (JTRP) and the Local Technical Assistance Program (LTAP) at Purdue University. A tremendous amount of time and effort goes into Road School planning. Road School Chairmen Olson Distinguished Professor Kumares Sinha and Professor Jon Fricker and Co-Program Coordinators Karen Hatke and John Habermann would like to thank the 161 local and state officials, consultants, contractors, and university faculty and staff who participated as presiders and speakers this year, as well as the staff of JTRP and LTAP. Road School could not happen without you! If you requested a Road School proceedings CD, it will be mailed to you in mid-May. If you did not order a proceedings CD, it will also be available on-line at <http://www.purdue.edu/jtrp> or you may contact us to obtain a CD copy free of charge.

See you at the 96th Road School on March 9-11, 2010!



*Joe Gustin, Deputy Commissioner of Planning Operations, INDOT*



*Randy Woodson, Provost Purdue University*



*John Habermann, Program Manager Indiana LTAP*



*l to r: Dr. Kumares Sinha, JTRP Director, Road School Chairman & Olson Distinguished Professor of Civil Engineering, Vicki Kitchin, Executive Director, Build Indiana Council, Michael Reed, Commissioner, INDOT, Robert Tally, Division Administrator, Indiana Division, FHWA, Dr. Jon Fricker, Road School Chairman & Professor of Civil Engineering*

# ROAD SCHOOL



# SPECIAL THANKS TO ALL OUR SPEAKERS

We would like to thank the 161 local and state officials, consultants, contractors, and university faculty and staff who participated as presiders and speakers this year.

Road School could not happen without you. Just a few are...



**Pamela Louks**, Urban Forest Specialist  
Department of Natural Resources



**Keith Hoernschemeyer**, Bridge Engineer  
FHWA Indiana Division



**Jay Wasson**, Traffic Management Centers  
Director, INDOT



**Thomas Ford**, Manager of Projects  
Jacobs Engineering



**Tony Uremovich**, Structural Design  
Resource Engineer, INDOT



**Jeremy Kashman**, Project Manager  
American Structurepoint, Inc.



**Bob McCullough**, Research Scientist  
Purdue University, JTRP



**David Unkefer**, Engineering Services  
FHWA Indiana Division



**Jay Grossman**, Project Engineer  
Elkhart County Highway Department



**Sarah Yeager**, Education & Training Director  
Ball State University



**Tom Melville**, Major, Commercial Vehicle  
Enforcement Division, Indiana State Police



**Jeremy King**, Business Development  
Manager, FlashPoint

# INDIANA



A Federal Highway Administration LTAP Technology Transfer Newsletter

Vol. 27 No. 2

Spring 2009

## WHAT'S AHEAD IN THIS ISSUE

- 1 Joie Chitwood Provides Keynote Speech at Road School
- 2 LTAP Training Calendar
- 4 County Bridge Conference Wrap Up
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- 6-7 Safety, Access, Location
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- 10-12 INDOT Updates
- 13-14 An In Depth Look at Planting Trees
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- 22 Classifieds
- 23 Association Events

## Joie Chitwood III, President and COO of the Indianapolis Motor Speedway Provides Keynote Speech at the 95th Annual Road School

Joie Chitwood became an out of work race car driver in the 40's when racing was outlawed during World War II. When "Lucky" Teeter died performing a stunt in his thrill show, Chitwood decided to buy the show from Teeter's widow. By the 1950's the *Chitwood Thrill Show* was performing at fairgrounds and speedways all over the United States. The family business soon passed to son Joie Jr. and then on to Joie Chitwood III current President and Chief Operating Officer of the Indianapolis Motor Speedway.



*Joie Chitwood stands beside the Marmon Wasp, the winning car from the 1911 Indianapolis 500.*

In his keynote speech at the 95<sup>th</sup> Annual Road School Luncheon, Mr. Chitwood inspired attendees with his personal success story. As a child, he made his television debut on *That's Incredible*, standing on the side of a car while his dad drove it on two wheels. Chitwood earned a business administration and finance degree from the University of Florida and a master of business administration from the University of South Florida. Combining his education with his background in entertainment and precision driving, he found his way to IMS, a US landmark and an icon that is recognized internationally.

In nearing its 100<sup>th</sup> birthday, Chitwood spoke of the "brickyard's" unique history. In the midst of our current economic turmoil, he encouraged Hoosiers to continue supporting this national treasure housed right here in Indiana.



### IMS CELEBRATES FOR THREE YEARS DURING CENTENNIAL ERA

INDIANAPOLIS – The Indianapolis Motor Speedway is celebrating 100 years of worldwide leadership in motorsports entertainment through its Centennial Era

from 2009-2011, which features many special events at the Racing Capital of the World and a new, retro corporate logo.

Plans for the Centennial Era celebration were revealed by IMS Chief Executive Officer Tony George and IMS President and Chief Operating Officer Joie Chitwood during an event May 22, 2008 at Allison Mansion of Marian College in Indianapolis.

*continued on page 15*

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**IMS Centennial Celebration continued from page 1**

IMS is honoring the 100<sup>th</sup> anniversaries of the opening of the venerable racetrack, in 1909, and of the inaugural Indianapolis 500, in 1911, through the Centennial Era celebration.

Indiana businessmen Carl G. Fisher, James A. Allison, Arthur C. Newby and Frank H. Wheeler pooled their resources to build the Indianapolis Motor Speedway in 1909 as an automobile testing ground to support Indiana's growing automotive industry. The focus of the facility soon turned to racing, with Ray Harroun winning the inaugural Indianapolis 500 on May 30, 1911.

"No other motorsports facility in the world has the rich history and tradition of the Indianapolis Motor Speedway," said IMS Chairman of the Board Mari Hulman George. "The Centennial Era celebration will pay homage to the heroes and events of our storied past while anticipating an even more glorious future."

There are many intertwined components to the Centennial Era celebration:

•**Centennial Era Logo.** A new Centennial

Era logo is being used at IMS from 2009-2011. The logo, designed by IMS Creative Services, draws elements from 1909, 1934 and 1961 in a historic motif.

•**Centennial Era Gala.** An elegant Centennial Era Gala took place Feb. 27, 2009 at the Indiana Convention Center in downtown Indianapolis, with dinner and live entertainment from legendary entertainer Wayne Newton. Nineteen of the 27 living Indianapolis 500 winners and other IMS legends attended the Gala. Proceeds of the formal Gala will benefit the Indianapolis Motor Speedway Foundation, which operates the Hall of Fame Museum.

•**Centennial Era Balloon Festival.** The Centennial Era Balloon Festival presented by AT&T Real Yellow Pages is scheduled for May 1-3, 2009 and will feature many colorful hot-air balloons. The event will commemorate the first competitive event ever at the Speedway, a gas-filled balloon race June 5, 1909.

•**Centennial Era Concours d'Elegance.** Some of the world's finest classic and antique automobiles will take center stage at the Indianapolis Motor

Speedway Centennial Era Concours d'Elegance on June 18-20, 2010. Cars at concours d'elegance competitions are judged on their appearance in an elegant setting, with awards presented in a variety of classes.

"The Centennial Era celebration is the most multi-faceted evidence ever of our commitment to worldwide leadership in motorsports entertainment," IMS CEO Tony George said. "It creates a clear, focused vision for our future while honoring the competitors and fans who have made the Speedway the landmark destination for speed over the past 100 years."

Established in 1909, the Indianapolis Motor Speedway has long prevailed as an icon of motorsports excellence. Beginning in 2009, the Speedway celebrates its Centennial Era, commemorating the 100th anniversary of the facility in 2009 and the 100<sup>th</sup> anniversary of the Indianapolis 500 Mile Race in 2011.

For more information about IMS visit [www.indianapolisimotorspeedway.com](http://www.indianapolisimotorspeedway.com).

Page	Agency Type	Agency Name	Entry	Change
162	City	Columbus	Rebecca Douglas	Title: CAD Technician
172	City	Goshen	Street Comm: Barbara LaDow	New email address: barbladow@goshencity.com
178	City	Indianapolis	Admin of Trans Operations Pub Works Dir: David Sherman Dep Dir Trans: Larry Jones Mayor: Greg Ballard NEW entry	Replace with Jim Little New address: 200 E. Washington Street, Indianapolis, IN 46204 New address: 1200 S. Madison Avenue Suite 200, Indy, IN 46225 Address: 200 E. Washington Street, Indianapolis, IN 46204 Administrator of Construction Engineering: Michael Smith 1200 S. Madison Avenue Phone: (317) 327-2381 Indianapolis, IN 46225 Fax: (317) 327-4548
186	City	Ligonier	Mayor: Patricia Fisel	Correct email address: pfisel@ligonier-in.org
221	Town	Burns Harbor	Superintendent: Douglas Wentz	Replace with Randy Skalku. Contact info remains the same.
226	Town	Chesterton	John Schnadenberg Council: David Cincoski  NEW entry	Correct title: Street Commissioner Replace with Council President: Emerson Delaney, same address Phone: (219) 728-1336 Fax: (219) 728-6114 Town Manager: Bernie Doyle 726 Broadway Phone: (219) 923-1098 Chesterton, IN 46304 Fax: (219) 926-7626 Email: berniedoyle@chesterton.in.gov

# GENERAL INFORMATION

## REGISTRATION

The Road School Registration Desk is located in the east foyer of Stewart Center and will be open at 7:00 AM daily.

## PURPOSE

The Annual Road School at Purdue is designed to help keep transportation officials up to date on the latest techniques and technologies. Road School also offers attendees the opportunity to meet and exchange ideas with others.

## ATTENDANCE

Road School sessions are held in Stewart Center and operate on Eastern Standard Time. Road School is open and free to all who are interested in transportation topics. To justify the approval of their expenses by the State Board of Accounts, eligible city, county, and state employees should attend all scheduled sessions.

## PARKING

The Grant Street Garage is connected to the Purdue Memorial Union by a subwalk and has spaces available for visitors. A parking permit is required for this garage and all other campus garages. Parking in the Grant Street Garage is available upon arrival for \$10.00 per day. If you purchased a parking permit in advance, your permit is programmed for the number of days you purchased in all campus garages other than Grant Street. Government-marked vehicles must also pay to park in the Grant Street Garage; however, free parking is available in all other garages on campus.

## MESSAGE BULLETIN BOARD

To contact an individual at Road School, leave a message at the Road School registration desk 765-494-8807. Messages will be placed on the message board in the east foyer of Stewart Center unless it is an emergency.

## BREAK ROOM

Complimentary coffee is located in Room 310 of Stewart Center and is available to all participants during the conference.

## FREE INTERNET ACCESS

Computer kiosks will be available in Stewart Center Room 107 to Road School attendees during the entire conference with free internet access. We ask that you limit your usage to 15 minutes if others are waiting.

## FACILITIES

You are invited to visit the laboratory facilities in the Civil Engineering Building. The Annual Road School is under the direct supervision of the School of Civil Engineering and the Continuing Education Division, with the cooperation of groups listed in the program. All inquiries should be addressed to Karen Hatke, who will be available at the East Foyer registration desk in Stewart Center.

## CEU CREDIT

Continuing Education Units (CEUs) are available for several of the sessions at Road School. These sessions are identified in the program. CEUs are a standardized, nationwide method of recognizing and rewarding participation in noncredit educational activities. Attendance at entire session is required for CEU credit.

# Conference at a Glance

(All rooms are located in Stewart Center unless otherwise noted)

Time	Tuesday, March 10
7:00	Road School Registration
9:30-11:30	Opening Session (Loeb Theatre)
11:30-2:00	<b>Exhibitors Luncheon</b> Purdue Memorial Union North/South Ballrooms
1:30-3:00	Asphalt Hot Issues (306) Roadway-Corridor Preservation (214 A-B) Local Traffic Engineering Studies (320) Local Road Safety Improvements (314) Managing to a Scope, Schedule, and Budget (218) Guess Who Owns Your LPA Project... You Do! (206) <i>(repeated on Wed., 1:30 pm)</i> Dealing with Traffic Backups and Clearing Accident Sites (318) <b>(Part I of a three-hour session)</b> Back to Basics: Roundabouts...Art, Engineering, or Both (302) Back to Basics: Working with and Writing Special Provisions (214 C-D) Winter Maintenance (Fowler Hall)
3:15-4:45	Safety Data: Its Sources and Use (214 A-B) Utility Rule Update: One Year Later (202) New Concept: Designing to a Budget (218) Developing a Code of Ethics for Your Agency (314) Emergency Management...Who to Call First (206) Sustainability 101 (306) <b>(Part II of a three-hour session)</b> Back to Basics: Roundabouts...Art, Engineering, or Both (302) Back to Basics: Working with and Writing Special Provisions (214 C-D) Winter Maintenance (Fowler Hall)
5:00-7:00	Welcome Reception University Plaza Hotel
	<b>Wednesday, March 11</b>
7:00	Road School Registration
8:30-10:00	County Surveyors Meeting <i>ALL DAY</i> (314) <i>InspectTech</i> Bridge Inspection Demo <i>ALL DAY</i> (307) Listen Up! (320) MPO Issues (218) County-City Legal Issues (202) Introducing Commuter Rail to Indiana (302) One Can Never Be Too Safe (318) Reducing Roadside Mowing with Vegetation Management (206) <b>(Part I of a three-hour session)</b> Back to Basics: Erosion Control (306) Back to Basics MUTCD Update Part I ( <i>Road Scholar Core Course #8</i> ) (Fowler Hall) Back to Basics: Pavement Preservation (214 A-B) Back to Basics: ADA 504 Legal Requirements (214 C-D)

Time	Wednesday , March 11 (Continued)
10:15-11:45	<p>The Customer Isn't Always Right (206)  Major Moves...Moving Fast to Delivery (302)  Bicycle and Pedestrian Needs for Indiana (218)  The Toll Road...Taking Care of Business (318)  Developments in Concrete for the Local Market (202)  <b>(Part II of a three-hour session)</b>  Back to Basics: Erosion Control (306)  Back to Basics MUTCD Update Part I (<i>Road Scholar Core Course #8</i>) (Fowler Hall)  Back to Basics: Pavement Preservation (214 A-B)  Back to Basics: ADA 504 Legal Requirements (214 C-D)</p>
12:00-1:30	<p><b>Road School Luncheon</b>  Purdue Memorial Union North/South Ballrooms</p>
1:30-3:00	<p>To Break or Not to Break (206)  Indiana's Historic Bridges: Choosing the Select (218)  Guess Who Owns Your LPA Project You Do! (Fowler Hall)  (same session as Tue. 1:30 pm)  <b>(Part I of a three-hour session)</b>  Back to Basics: ADA Design Criteria (214 C-D)  Back to Basics: Design Flexibility (306)  Back to Basics: MUTCD Update Part II (302)  Back to Basics: Transmission of Electronic Construction Data (320)  Maintenance Issues (202)  Traffic Management and Operations (214 A-B)  Urban Issues – Branching Out (318)</p>
3:15-4:45	<p><i><b>The below two sessions have been combined due to their similar content and demand</b></i>  Financing Issues (Fowler Hall)  LPA Initiatives (Q&amp;A) (Fowler Hall)</p> <p>Invest Wisely...Managing Your Transportation Assets (206)  <b>(Part II of a three-hour session)</b>  Back to Basics: ADA Design Criteria (214 C-D)  Back to Basics: Design Flexibility (306)  Back to Basics: MUTCD Update Part II (302)  Back to Basics: Transmission of Electronic Construction Data (320)  Maintenance Issues (202)  Traffic Management and Operations (214 A-B)  Urban Issues – Branching Out (318)</p>
	<p><b>Thursday , March 12</b></p>
7:00	<p>Road School Registration</p>
8:00-10:00	<p>Indiana Street Commissioners Meeting (PMU-West Faculty Lounge)</p>
8:30-10:00	<p>ATSSA Meeting (318)  City Engineers Meeting (202)  County Auditors Meeting (320)  County Commissioners Meeting (314)</p>
8:30-11:00	<p>County Highway Engineers and Supervisors Meeting (302)</p>

3-Hour Session 



# Road School Team

## Road School Chairmen

Kumares Sinha, Director, JTRP, and Olson Distinguished Professor of Civil Engineering, Purdue University  
Jon Fricker, Professor of Civil Engineering, Purdue University

## Road School Co-Coordiators

Karen Hatke, Program Coordinator, JTRP, Purdue University  
John Habermann, Program Manager, Indiana LTAP, Purdue University

## Road School Associates

Lisa Calvert Communications Specialist, Indiana LTAP  
Richard Domonkos, Training Specialist, Indiana LTAP  
Celina Osborn, Secretary, Indiana LTAP  
Gary Mroczka, Road School Liaison, INDOT  
Walt Land, Road School Liaison, INDOT  
Bob McCullouch, Information Technology Administrator, JTRP  
Dorothy Miller, Secretary, JTRP  
Tom Robertson, Conference Coordinator, Center for Lifelong Learning  
Transportation Graduate Research Assistants, School of Civil Engineering

## 2009 Road School Steering Committee

Lloyd Bandy, APAI	John Jordan, INDOT
Phil Beer, USI Consultants	Dan Keefer, FHWA
KD Benson, Tippecanoe County	Walt Land, INDOT
Paul Berebitsky, ICI	Bob McCullouch, JTRP
Mike Bowman, INDOT	Mark Miller, INDOT
Mike Bowman, Milestone LP	Megan Miller, IACT
Jerry Bridges, MCCOG	Gary Mroczka, INDOT
David Buck, City of West Lafayette	Dwane Myers, INDOT
Darcy Bullock, Purdue University	Tommy Nantung, INDOT
Mike Byers, Indiana Chapter-ACPA	Joe Novak, INDOT
Lisa Calvert, Indiana LTAP	Jim Olson, Jefferson County
Eric Conklin, INDOT	Celina Osborn, Indiana LTAP
Robert Connor, Purdue University	Barry Partridge, INDOT
Krystal Cornett, INDOT	Joyce Poling, Monroe County
Gary Eakin, Town of Danville	Steve Powell, Ameritech
Gary Eaton, INDOT	Jim Reid, IndianaPublicWorks News
Greg Ellis, INDOT	Rob Roberts, Town of Danville
Phil Estridge, Henry County	Wes Shaw, INDOT
John Farrar, ITE Indiana Section	Ruth Shedd, Tippecanoe County
Roland Fegan, INDOT	Kumares Sinha, JTRP
Rusty Fowler, INDOT	Kurt Sommer, INDOT
Jon Fricker, Purdue University	Randy Strasser, City of Delphi
John Habermann, Indiana LTAP	John Weaver, INDOT
John Haddock, Indiana LTAP	Jason Weiss, Purdue University
Shelly Haney, INDOT	Bill Williams, Monroe County
Karen Hatke, JTRP	Joe Williams, Brown Equipment
Robert Jones, IMAA	Stephanie Yager, Brown County
Tom Jones, City of Linton	Bob Young, LaPorte County
Tony Jones, ITE Indiana Section	

# Road School Agenda

**Tuesday**

**March 10**

**Opening Session**

**9:30-11:30 am**

**Room: Loeb Theatre**

*Presider: Vicki Kitchin, Executive Director, Build  
Indiana Council*

## **Welcome and Opening Remarks**

*Michael Reed  
Commissioner  
Indiana Department of Transportation*

## **Redefining the Three Rs...Recovery, Reinvestment, and Reauthorization**

*Robert Tally  
Division Administrator  
Indiana Division  
Federal Highway Administration*

## **Questions and Answers**

*Michael Reed  
Robert Tally*

## **Indiana Partnership for Highway Quality Awards**

*Mark Miller, Director of Construction  
Management, INDOT  
Robert Tally, Division Administrator, FHWA  
Indiana Division*

## **Presentation of Master Road Builder Certificates**

*John Haddock, Director of Indiana LTAP and Asst.  
Professor of Civil Engineering, Purdue University*

# Road School Agenda

**Tuesday  
March 10**

**11:30-2:00**

## **Exhibitors Luncheon**

**Purdue Memorial Union  
North/South Ballrooms**

**All participants are invited to enjoy this sandwich buffet lunch provided free of charge by the participating exhibitors.**

**Name badges are required for admission.**

## **Concurrent Sessions**

**1:30-3:00**

### **Asphalt Hot Issues**

**Room: 306**

*Presider: William Knopf, Executive Director, Asphalt Pavement Association of Indiana*

#### **2009 Specifications Revisions and Studies**

*Ron Walker, Director, Materials Management, INDOT*

#### **WMA Panel**

*Rebecca McDaniel, Technical Director, North Central Superpave Center, Purdue University (Moderator)*

*Alvin Evans, J. H. Rudolph & Co.*

*Don Miller, Quality Control Manager, Phend & Brown, Inc.*

#### **MEPDG Implementation in Indiana**

*Tommy Nantung, Section Manager, Office of Research and Development, INDOT*

*Dave Andrews, Manager, Office of Pavement Engineering, INDOT*

# Road School Agenda

**Tuesday**

**March 10**

**Concurrent Sessions**

**1:30-3:00**

**Back to Basics: Roundabouts....Art,  
Engineering, or Both? Part I (.3 CEU)**

**Room: 302**

*Presider: Jeromy Grenard, PE, Traffic Services Manager,  
American Structurepoint*

*You must attend both Part I and Part II for CEU credit*

Have you wanted to become more acquainted with the intricacies of roundabouts and roundabout design? Here is your opportunity! Basic roundabout design, capacity calculations lighting, pavement markings and signage, and maintenance of traffic will be discussed. The safety statistics of roundabouts in one Indiana community also will be presented.

*John Beery, PE, City Engineer, City of Noblesville  
Jeremy Grenard, PE, Traffic Services Manager,  
American Structurepoint*

*Michael McBride, PE, City Engineer, City of Carmel  
Craig Parks, PE, Project Development Director,  
American Structurepoint*

**Back to Basics: Working with and  
Writing Special Provisions Part I (.3 CEU)**

**Room: 214 C-D**

*You must attend both Part I and Part II for CEU credit*

*INDOT's current requirements for the use of special provisions in construction contracts will be discussed. General guidance also will be provided on the dos and don'ts of writing special provisions, with example provisions provided.*

*Ron Heustis, PE, Manager, Construction Technical Support, Construction Management, INDOT  
Tony Uremovich, Construction Technical Support, Construction Management, INDOT*

# Road School Agenda

**Tuesday  
March 10**

## **Concurrent Sessions**

**1:30-3:00**

### **Dealing with Traffic Backups and Clearing Accident Sites**

**Room: 318**

*Presider: Karen Stippich, ITS/Operations Manager, FHWA  
Indiana Division*

### **Overview of the Indiana Traffic Incident Management (IN-TIME) Effort**

*Tom Melville, Major, Commercial Vehicle Enforcement  
Division, Indiana State Police*

### **Traffic Incident Management is a Multi-Agency Task**

*Jay Wasson, Director, Traffic Management  
Centers, INDOT*

*Guy Boruff, Director of Public Safety Operations, INDOT*

### **Handling Hazardous Materials Spills as Traffic Incidents**

*Jason Sewell, On Scene Coordinator, Emergency  
Response, Indiana Department of Environmental  
Management*

## **Break Rooms**

Complimentary coffee is available in Stewart Center Room 310 (INDOT Districts Open House) to participants throughout Road School. Don't forget to visit our not-for-profit exhibitors across the hall in Room 311. Indiana LTAP directories are available in the not-for-profit room.

# Road School Agenda

**Tuesday  
March 10**

## **Concurrent Sessions**

**1:30-3:00**

### **Guess Who Owns Your LPA Project – You Do!**

**Room: 206**



*This session will be presented also on Wed. at 1:30 pm with a special Q&A session on Wed. at 3:15 pm.*

*Presider: Daniel Keefer, LPA Coordinator, FHWA Indiana Division*

INDOT's LPA Improvement Initiative is in the implementation stages. Hear an overview of the policy changes that allow for the LPA to take back the ownership of their projects. FHWA will provide its perspective on the new process and give an update on the Economic Recovery Program.

#### **INDOT's LPA Project Development Policy Changes**

*Michael Cline, Deputy Commissioner, INDOT*

#### **Federal Aid Requirements for LPA Project Development**

*Robert Tally, Division Administrator, FHWA Indiana Division*

#### **Overview of the Process**

*Jodi Coblenz, Local Programs Assistance Manager, INDOT*

### **Free Internet Service!**

Free Internet service is available to participants in Room 107 throughout Road School. Please limit your usage to 15 minutes if others are waiting.

# Road School Agenda

**Tuesday**

**March 10**

**Concurrent Sessions**

**1:30-3:00**

## **Local Road Safety Improvements**

**Room: 314**

*Presider: Rick Drumm, Safety Engineer, FHWA Indiana Division*

Local agencies do not need to spend large sums of money to impact local roads and streets. Attend this session to hear about low-cost safety improvements you can implement and the professional services and guidance available to you.

### **Low Cost Safety Improvements for Local Roads**

*Jeff Shaw, Safety/Design Engineer, FHWA Midwest Resource Center*

### **Overview of the Proposed Local HSIP Process**

*Mike Holowaty, Manager, Office of Traffic Safety, INDOT*

### **Horizontal Curve Safety**

*Jeff Shaw, Safety/Design Engineer, FHWA Midwest Resource Center*

## **Local Traffic Engineering Studies**

**Room: 320**

*Presider: Ken Einselen, Miami County Engineer*

The Manual on Uniform Traffic Control Devices (MUTCD) calls for various traffic engineering studies to be performed before certain warrants are met.

### **Traffic Engineering Studies Required of Your Agency**

*Thomas Ford, Manager of Projects, Jacobs Engineering*

### **Avoiding the Litigation Bumps in Highway Design**

*Drew Miroff, Attorney at Law, Ice Miller*

# Road School Agenda

**Tuesday  
March 10**

## **Concurrent Sessions**

**1:30-3:00**

### **Managing to a Scope, Schedule, and Budget**

**Room: 218**

*Presider: Gary Mrocza, Director, Production  
Management Division, INDOT*

In this time of tighter and most likely less funding, come and hear INDOT's Production Management staff's latest approach and strategies to managing projects to conform to a scope, schedule, and budget.

*Steve Boyer, Production Director, Greenfield District,  
INDOT*

*Lewis Feagans, Project Management Supervisor,  
INDOT*

### **Roadway-Corridor Preservation**

**Room: 214A-B**

*Presider: Jon Fricker, Professor of Civil Engineering,  
Purdue University*

Roadway access management is needed for maintaining roadway speed and capacity, particularly at the critical time when the land-use changes from undeveloped to developed. A template for a county-level ordinance will be presented that can effect access management and other corridor preservation measures. A different viewpoint for the management of public roadways will be offered, one that can gain support from the general public and subsequently from elected officials.

*Jim Olson, County Highway Engineer, Jefferson County  
Sarah Hubbard, Civil Engineer, Indiana LTAP, Purdue  
University*



# Road School Agenda

**Tuesday**

**March 10**

**Concurrent Sessions**

**1:30-3:00**

## **Winter Maintenance: An In-depth Look at Liquid De-icers Part I**

**Room: Fowler Hall**

*Presider: Dennis Belter, Maintenance Administration  
Manager, INDOT*

Learn the science behind transforming ice to water, and keeping it that way, from an expert in the field. Dale Keep will lend his 30 years of experience to this in-depth session on de-icing chemicals for snow and ice control on your roads and streets.

*Dale Keep, Owner, Ice and Snow Technologies, Inc.*

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**Tuesday**

**March 10**

## **Concurrent Sessions**

**3:15-4:45**

### **Back to Basics: Roundabouts....Art, Engineering, or Both? Part II (.3 CEU)**

**Room: 302**

*You must attend both Part I and Part II for CEU credit*

*Presider: Jeromy Grenard, PE, Traffic Services Manager,  
American Structurepoint*

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Jeremy Grenard, PE, Traffic Services Manager,  
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*Michael McBride, PE, City Engineer, City of Carmel  
Craig Parks, PE, Project Development Director,  
American Structurepoint*

### **Back to Basics: Working with and Writing Special Provisions Part II (.3 CEU)**

**Room: 214 C-D**

*You must attend both Part I and Part II for CEU credit*

INDOT's current requirements for the use of special provisions in construction contracts will be discussed. General guidance also will be provided on the dos and don'ts of writing special provisions, with example provisions provided.

*Ron Heustis, PE, Manager, Construction Technical Support, Construction Management, INDOT  
Tony Uremovich, Construction Technical Support, Construction Management, INDOT*

# Road School Agenda

**Tuesday  
March 10**

## **Concurrent Sessions**

**3:15-4:45**

### **Developing a Code of Ethics for Your Agency**

**Room: 314**

*Presider: Cynthia Carrasco, Executive Director, Indiana State Ethics Commission*

Several communities in Indiana have developed ethics ordinances. This session will discuss the advantages and procedures for developing a successful code of ethics within your agency, as well as a road map for implementation.

#### **A Road Map to Begin the Process**

*Patrick Lyp, Attorney, Blachly, Tabor, Bozik and Hartman*

#### **Lessons Learned by the Town of Highland**

*Michael Griffin, Clerk-Treasurer, Town of Highland*

### **Emergency Management...Who to Call First**

**Room: 206**

*Presider: Keith Hoernschemeyer, Emergency Management Coordinator, FHWA Indiana Division*

What funding is available from FEMA and FHWA for your local disaster? What kind of help can INDOT provide? What type of recordkeeping is required to receive funding? Hear the answers to these questions and more from FHWA and IDHS staff. One Indiana county's disaster management experience will be discussed.

#### **What Funding is Available from FEMA and FHWA?**

*Rosemary Petersen, Recovery Director, Indiana Department of Homeland Security*

#### **What Type of Recordkeeping is Necessary?**

*Gary Vandegriff, Highway Director, Johnson County*

# Road School Agenda

**Tuesday**

**March 10**

## **Concurrent Sessions**

**3:15-4:45**

### **New Concept: Designing to a Budget**

**Room: 218**

*Presider: Gary Mrocza, Director, Production Management Division, INDOT*

Projects that you may need to build face tough economic times. Learn from INDOT designers and engineers how to develop projects that consider budgetary constraints during the entire development process.

*Shakeel Baig, Production Director, Crawfordsville District, INDOT*

*Mike Rowe, Transportation Engineer, United Consulting Engineers*

### **Safety Data: Its Sources and Use**

**Room: 214A-B**

*Presider: Mike Holowaty, Manager, Office of Traffic Safety, INDOT*

The safety data available today is overwhelming. This session will explore the various types and sources, how to find and view it, and most importantly, how to use it to improve the safety on your roads.

#### **Crash Data from AIRIES**

*John Nagle, Safety Management Engineer, Office of Traffic Safety, INDOT*

#### **Crash Data: the Different Sources**

*Rick Drumm, Safety Engineer, FHWA Indiana Division*

#### **Work Zone Safety Issues**

*Pat McCarty, Work Zone Safety Supervisor, Office of Traffic Safety, INDOT*

# Road School Agenda

**Tuesday  
March 10**

## **Concurrent Sessions**

**3:15-4:45**

### **Sustainability 101 and How It Applies to Roads and Streets**

**Room: 306**

*Presider: Robin Mills Ridgeway, Director of Sustainability  
and Environmental Stewardship, Purdue  
University*

Sustainable design aims to produce places, products, and services in ways that reduce the use of non-renewable resources, minimizes environmental impact, and relates people with the natural environment. Find out how sustainability can be applied to the design of transportation facilities.

#### **Creating Indiana's Sustainable Infrastructure**

*Luke Leising, Sustainability Director, American  
Structurepoint*

#### **Keystone Parkway – A Case Study in Sustainable Transportation**

*Jeremy Kashman, Project Manager, American  
Structurepoint*

### **Break Rooms**

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### **Free Internet Service!**

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# Road School Agenda

**Tuesday**

**March 10**

## **Concurrent Sessions**

**3:15-4:45**

### **Utility Rule Update...One Year Later**

**Room: 202**

*Presider: Paul Berebitsky, Government Relations, Indiana Construction Association*

A panel of experts in design, construction, and utilities planning will discuss the implementation of Indiana's new utility administrative rule from their unique perspectives..

A successful, innovative approach to utility coordination used on a SR 14 project also will be presented.

*Matt Thomas, Utility-Railroad Manager, Office of Real Estate, INDOT*

*Paul Berebitsky, Government Relations, Indiana Construction Association*

*Chris Hammond, Road Department Manager, United Consulting Engineers*

*Jim Shields, Supervisor, Project Design-Indiana, Duke Energy*

*Kenny Franklin, Project Manager, INDOT*

### **Winter Maintenance: An In-depth Look at Liquid De-icers Part II**

**Room: Fowler Hall**

*Presider: Dennis Belter, Maintenance Administration Manager, INDOT*

Learn the science behind transforming ice to water, and keeping it that way, from an expert in the field. Dale Keep will lend his 30 years of experience to this in-depth session on de-icing chemicals for snow and ice control on your roads and streets.

*Dale Keep, Owner, Ice and Snow Technologies, Inc.*

**WELCOME RECEPTION  
UNIVERSITY PLAZA HOTEL  
5:00-7:00 PM**

**Take a moment from your busy schedule to enjoy the hospitality of vendor friends of Road School!**

# Road School Agenda

Wednesday

March 11

## Concurrent Sessions

### County Surveyors Association Meeting (All Day Meeting)

Room: 314

*Presider: Rex Pranger, County Surveyor, LaGrange County*

9:00-10:30	CORS Update
10:30-12:00	IGIC Program
12:00-1:30	Lunch on Your Own
1:30-3:00	Legislative Update
3:00-4:40	Business Meeting

### *InspectTech* Bridge Inspection Demo (All Day)

Room: 307

INDOT bridge personnel and their consultant will be available between 8:30 am and 4:00 pm for you to view a demo and answer questions about the new *InspectTech* Bridge Inspection DataBase/ Application that INDOT is now using and that County Consultants will be using in the near future.

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**8:30-10:00**

**Back to Basics: ADA 504 Legal Requirements  
Part I (.3 CEU)**

**Room: 214C-D**

*You must attend both Part I and Part II for CEU credit*

*Presider: Ken Woodruff, Civil Rights Program Manager,  
FHWA Indiana Division*

An overview of the laws and regulations associated with the Americans with Disabilities Act and Section 504 of the Act specifically, the program requirements, and how ADA reviews are conducted in Indiana.

**Current Regulatory Guidance for Public Rights-of-Way**

*Lisa MacPhee, Attorney Advisor, Office of Chief  
Counsel, FHWA Washington DC*

**Back to Basics: Erosion Control Part I (.3 CEU)**

**Room: 306**

*You must attend both Part I and Part II for CEU credit*

*Presider: Michelle Allen, Manager, Office of Environmental  
Services, INDOT*

Part I will discuss the regulations and background of the Rule 5 permit, sediment and erosion control plans, implementation and inspection problems, and what to do when your plan does not work.

*Michelle Allen, Manager, Office of Environmental  
Services, INDOT*

*Douglas Wolf, Storm Water Specialist, Indiana Department  
of Environmental Management*



# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**8:30-10:00**

**Back to Basics: MUTCD Update Part 1 –  
Traffic Control Devices Primer Part I (.3 CEU)  
Road Scholar Core Course #8  
Room: Fowler Hall**

*You must attend both Part I and Part II for CEU and  
Road Scholar credit*

*Presider: Karen Stippich, ITS/Operations Engineer, FHWA  
Indiana Division*

**Legal Aspects of the MUTCD and Tort Claims**  
*James Stephenson, Attorney, Stephenson,  
Morow & Semler*

**MUTCD Basics**  
*Karen Stippich, ITS/Operations Engineer,  
FHWA Indiana Division*

**Back to Basics: Pavement Preservation  
Part I (.3 CEU)  
Room: 214A-B**

*You must attend both Part I and Part II for CEU credit*

*Presider: Todd Shields, Pavement Preservation Engineer,  
Division of Highway Operations, INDOT*

You will hear from experts in the field of pavement preservation about the best practices, including terminology and available treatment and strategies. The dos and don'ts of pavement preservation also will be discussed.

*Larry Galehouse, Director, National Center for Pavement  
Preservation  
David Peshkin, Vice President, Applied Pavement  
Technology*

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**8:30-10:00**

## **County-City Legal Issues**

**Room: 202**

*Presider: Kevin Russel, Harrison County Engineer*

Case studies and rulings will demonstrate good and poor practices by counties, cities, and towns when faced with a lawsuit. Come and learn how important your record-keeping practices are in protecting your agency in the event of a lawsuit and how you can improve your paperwork trail.

*Grant Clapacs, Partner, Bingham-McHale*

## **Introducing Commuter Rail to Indiana**

**Room: 302**

*Presider: Lori Miser, Administrator, Indianapolis Department of Public Works*

Is commuter rail nearing a reality in Indiana? This session will provide an update on the development of commuter rail service in Indianapolis. New Mexico's successful RailRunner commuter rail service will be highlighted.

*Tom Beck, Project Manager, Indianapolis  
Erica Pugh, Project Designer, HNTB Corporation  
John Myers, Transportation Planning Director, HNTB Corporation*

## **Listen Up!**

**Room: 320**

*Presider: Gary Mroczka, Director, Production Management Division, INDOT*

Do others often misinterpret your message or do you often interpret someone else's message incorrectly? Hone your speaking and listening skills here with proven techniques.

*Jill Palmer, Project Manager, The Schneider Corporation  
Jeremy King, Business Development Manager, Flashpoint*

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**8:30-10:00**

**MPO Issues**

**Room: 218**

*Presider: Jerrold Bridges, Executive Director, Madison  
County Council of Governments*

**Building a Pedestrian Network from the Ground Up**

*Allan Henderson, Chief Planner, Madison County Council  
of Governments*

**Successful Federal-Aid Project Management: From  
Award to Implementation**

*Jessica Mitchell, Regional Planner, Michiana Area Council  
of Governments*

*James Turnwald, Michiana Area Council of Governments*

*David Armstrong, LaPorte District, INDOT*

*INDOT Fort Wayne District Representative*

*Consulting Engineers Representative*

*Local Public Agency (LPA) Representative*

**Implementation of Enterprise GIS**

*Trent Pell, GIS Consultant, Madison County Council of  
Governments*

**One Can Never Be Too Safe...Safety Issues III**

**Room: 318**

*Presider: Laurie Johnson, Project Engineer, DLZ Inc.*

**Low Cost Safety Improvements – Champaign County  
Case Study**

*Nicole Thompson, Transportation Engineer, Opus  
International Consultants*

*Rita Black, CCRPC/CUUATS Transportation Planning  
Manager, Champaign County Regional  
Planning Commission*

**Safe Routes to School – the Program and a Case Study**

*Jennifer Pyrz, Supervising Engineer, Parsons Brinckerhoff*

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**8:30-10:00**

## **Reducing Roadside Mowing with Vegetation Management**

**Room: 206**

*Presider: William Fielding, Roadside Services Coordinator, INDOT*

Are you looking for options to reduce mowing and increase environmental stewardship of your roadsides? Purdue Extension Specialist Zach Lowe will share roadside vegetation best management practices and discuss mowing, herbicides, and land use considerations.

*Zach Lowe, Habitat Specialist, Department of Forestry and Natural Resources, Purdue University*

## **Break Rooms**

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## **Free Internet Service!**

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# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**10:15-11:45**

**Back to Basics: ADA 504 Legal Requirements  
Part II (.3 CEU)**

**Room: 214C-D**

*You must attend both Part I and Part II for CEU credit*

*Presider: Ken Woodruff, Civil Rights Program Manager,  
FHWA Indiana Division*

An overview of the laws and regulations associated with the Americans with Disabilities Act and Section 504 of the Act specifically, the program requirements, and how ADA reviews are conducted in Indiana.

**How ADA Reviews are Conducted in Indiana**

*Christine Cde Baca, Title VI/ADA Administrator, INDOT*

**Back to Basics: Erosion Control Part II (.3 CEU)**

**Room: 306**

*You must attend both Part I and Part II for CEU credit*

*Presider: Janice Oscadzuk, Environment and Planning  
Specialist, FHWA Indiana Division*

The erosion and sediment control best practices from other states will be presented in Part II, as well as the results of INDOT's second year Permit Compliance Quality Assurance Reviews.

*Janice Oscadzuk, Environment and Planning  
Specialist, FHWA Indiana Division*

*Nathan Saxe, Ecology/Permit Administrator, Office of  
Environmental Services, INDOT*

*Tom Harris, Construction Field Engineer, Construction  
Management Division, INDOT*

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**10:15-11:45**

**Back to Basics: MUTCD Update Part 1 –  
Traffic Control Devices Primer Part II (.3 CEU)  
Road Scholar Core Course #8  
Room: Fowler Hall**

*You must attend both Part I and Part II for CEU and  
Road Scholar credit*

*Presider: Karen Stippich, ITS/Operations Engineer, FHWA  
Indiana Division*

**MUTCD Major Changes Proposed in the Notice of  
Proposed Amendment  
Ken Wood, Traffic Operations Engineer, FHWA  
Midwest Resource Center**

**Indiana MUTCD Update  
Carl Tuttle, Manager, Office of Traffic Engineering, INDOT**

**Back to Basics: Pavement Preservation  
Part II (.3 CEU)  
Room: 214A-B**

*You must attend both Part I and Part II for CEU credit*

*Presider: Todd Shields, Pavement Preservation Engineer,  
Division of Highway Operations, INDOT*

You will hear from experts in the field of pavement preservation about the best practices, including terminology and available treatment and strategies. The dos and don'ts of pavement preservation also will be discussed.

*Larry Galehouse, Director, National Center for Pavement  
Preservation  
David Peshkin, Vice President, Applied Pavement  
Technology*

# Road School Agenda

**Wednesday**

**March 11**

## **Concurrent Sessions**

**10:15-11:45**

### **Bicycle and Pedestrian Needs for Indiana**

**Room: 218**

*Presider: Ray Irvin, President, Ray R. Irvin and Associates*

This session focuses on the three corners of the equation constituting the Governor's plan "Hoosiers on the Move," what the public has accomplished through local trails groups, and what government can do to continue the progress.

#### **The Bikeway and Greenway Vision**

*Dawn Richey, Greenways Manager, City of Fort Wayne*

#### **Regional Bicycle Needs/Connecting State Projects**

*Mitch Barloga, Northern Indiana Regional Planning Commission*

#### **Networking Pedestrian, Bicycle, and Other Transportation Resources**

*Meg Storrow, Principal, Storrow, Kinsella and Associates*

#### **Funding Opportunities for Bicycle/Pedestrian Needs**

*Ray Irvin, President, Ray R. Irvin and Associates*

### **Development in Concrete for the Local Market**

**Room: 202**

*Presider: Michael Byers, Executive Director, American Concrete Pavement Association, Indiana Chapter*

#### **Roller Compacted Concrete (RCC) – Design and Application Guidelines**

*Chris Tull, Owner, CRT Consulting*

#### **A Review of Indiana RCC Project Case Studies**

*Jerry Larson, Executive Director, Indiana Ready Mixed Concrete Association*

#### **Concrete Overlays – A Review of Indiana Concrete Overlay Project Case Studies**

*Michael Byers, Executive Director, American Concrete Pavement Association, Indiana Chapter*

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**10:15-11:45**

## **Major Moves...Moving Fast to Delivery**

**Room: 302**

*Presider: Jim Poturalski, Deputy Commissioner, Highway Management, INDOT*

Is Major Moves “on schedule”? What problems have surfaced? How will projects be handled? These questions and more will be answered by INDOT Production Management staff.

*Gary Mrocza, Director, Production Management Division, INDOT*

*Greg Kicinski, Manager, Office of Project Management, INDOT*

## **The Customer Isn't Always Right**

**Room: 206**

*Presider: Jeanette Wilson, Local Programs Assistance Coordinator, INDOT*

Using real-life situations as models, this session will show transportation officials and their agents how to deliver impeccable customer service while not compromising the integrity of their projects. What you do **not** know can hurt you!

*Jill Palmer, Project Manager, The Schneider Corporation*  
*Jeremy King, Business Development Manager, Flashpoint*

## **Break Rooms**

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# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**10:15-11:45**

**The Toll Road...Taking Care of Business**

**Room: 318**

*Presider: Jay Grossman, Project Engineer, Elkhart County*

Interested in how the leased Indiana toll road is doing?  
Come and hear from both INDOT and the toll road concessioner about the state of day-to-day operations as well as new technology being implemented.

**INDOT Perspective**

*Leigh Morris, Deputy Commissioner, INDOT*

**Concessioner Perspective**

*Matt Pierce, Director of Communications and Government Relations, ITR Concession Company LLC*

**12:00-1:30**

**ROAD SCHOOL LUNCHEON**

**PMU North/South Ballrooms**

**Master of Ceremonies**

*Joe Gustin*

*Deputy Commissioner*

*Indiana Department of Transportation*

**Invocation**

*John Habermann*

*Program Manager, Indiana LTAP*

*Purdue University*

**Luncheon Address**

*"The Indianapolis Motor Speedway's Centennial Era"*

*Joie Chitwood*

*President and Chief Operating Officer*

*Indianapolis Motor Speedway*

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**1:30-3:00**

**Back to Basics: ADA Design Criteria**

**Part I (.3 CEU)**

**Room: 214C-D**

*You must attend both Part I and Part II for CEU credit*

*Presider: Ken Woodruff, Civil Rights Program Manager,  
FHWA Indiana Division*

INDOT and FHWA specialists in the ADA design process will provide an overview of the various design criteria required for ADA/Section 504 compliance on public rights-of-way. Geometrics, curb treatments, slopes, sidewalks, and options for design within the standards will be discussed, as well as the resources available.

**ADA Legal Requirements Related to LPAs**

*Lisa MacPhee, Attorney Advisor, Office of Chief Counsel, FHWA Washington DC*

**Complaint Process for Inappropriate ADA Design**

*Dennis Lee, Senior Transportation Engineer,  
FHWA Indiana Division*

**Back to Basics: Design Flexibility**

**Part I (.3 CEU)**

**Room: 306**

*You must attend both Part I and Part II for CEU credit*

*Presider: Gary Mroczka, Director, Production Management  
Division, INDOT*

Go back to the roots of highway design practices and principals to better understand the parameters, constraints, and associated risks of applying design flexibility.

*Ron Nordmeyer, Senior Project Manager,  
The Schneider Corporation  
Jeff Shaw, Safety/Design Engineer, FHWA  
Resource Center*

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**1:30-3:00**

**Back to Basics: MUTCD Update Part 2- Retro-Reflectivity and High Visibility Material**

**Part I (.3 CEU)**

**Room: 302**

*You must attend both Part I and Part II for CEU credit*

*Presider: Karen Stippich, ITS/Operations Engineer, FHWA  
Indiana Division*

**Overview of the MUTCD Requirements for  
Retro-Reflectivity**

*Karen Stippich, ITS/Operations Engineer, FHWA  
Indiana Division*

**How to Develop a GIS-Based Sign Management Plan**

*Keith Bias, GIS Consultant, WTH Technology, Inc.*

**Back to Basics: Transmission of Electronic  
Construction Data Part I (.3 CEU)**

**Room: 320**

*You must attend both Part I and Part II for CEU credit*

*Presider: Phillip Dunston, Professor of Civil Engineering,  
Purdue University*

The use of electronic design data is becoming increasingly more prevalent in the project development process and in construction. Properly developed data integration systems provide a seamless transmission of data throughout all phases of the project. This session will review state-of-the-practice technology and show how others are leveraging the use of electronic design files to improve integration of project delivery functions. Facilitating GPS-based machine guidance also will be addressed.

*Douglas Townes, Construction Administration Engineer,  
Atlanta Division, Federal Highway Administration  
Daniel Belcher, Engineering Support Services Supervisor,  
Michigan Department of Transportation  
Kimberly Arndt, Estimator, Milestone Contractors, L.P.*

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**1:30-3:00**

## **Guess Who Owns Your LPA Project – You Do!**

**Room: Fowler Hall**



*This session will be presented also on Tues. at 1:30 pm with a special Q&A session on Wed. at 3:15 pm.*

*Presider: Daniel Keefer, LPA Coordinator, FHWA Indiana Division*

INDOT's LPA Improvement Initiative is in the implementation stages. Hear an overview of the policy changes that allow for the LPA to take back the ownership of their projects. FHWA will provide its perspective on the new process and give an update on the Economic Recovery Program.

### **INDOT's LPA Project Development Policy Changes**

*Michael Cline, Deputy Commissioner, INDOT*

### **Federal Aid Requirements for LPA Project Development**

*Robert Tally, Division Administrator, FHWA Indiana Division*

### **Overview of the Process**

*Jodi Coblentz, Local Programs Assistance Manager, INDOT*

## **Indiana's Historic Bridges: Choosing the Select**

**Room: 218**

*Presider: Larry Heil, Planning/Environmental Specialist, FHWA Indiana Division*

The results of the Indiana Historic Bridge inventory, the list of bridges eligible for the National Register, and the list of "select" and "non-select" bridges will be discussed. The historic bridge project development process outlined in the Programmatic Agreement will be presented, as well as how this agreement streamlines the Section 106 process and ensures a balanced and consistent process.

*Mary Kennedy, Cultural Resources Supervisor, Office of Environmental Services, INDOT*  
*Patrick Carpenter, Historian, Office of Environmental Services, INDOT*

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**1:30-3:00**

## **Maintenance Issues Part I**

**Room: 202**

*Presider: Greg Ellis, Roadway Services Engineer,  
Vincennes District, INDOT*

### **Trenchless Pipe Technology**

*Chris Wisehart, Indiana Reline*

### **Maintenance Design Support Systems**

*Tony McClellan, Technical Services Director, Seymour  
District, INDOT*

## **To Break or Not to Break**

**Room: 206**

*Presider: George Dremonas, Managing Attorney, Legal  
Division, INDOT*

Attend this session to hear a panel discussion on issues related to median access control from a legal perspective when developing projects within urbanized areas.

*George Dremonas, Managing Attorney, Legal Division,  
INDOT*

*David Steiner, Deputy Attorney General, Office of Indiana  
Attorney General*

## **Break Rooms**

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# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**1:30-3:00**

**Traffic Management and Operations –Indiana ITE  
Part I (.3 CEU)**

**Room: 214A-B**

*You must attend both Part I and Part II for CEU credit*

*Presider: John Farrar, President, ITE Indiana Section*

This session is traditionally organized by the Institute of Transportation Engineers, Indiana Section, and this year will cover various examples of dealing with traffic management and operations.

**Traffic Planning Overview for Special Events**

*Ken Voigt, International President, ITE*

**Super Bowl 2012...What Can Indianapolis Expect?**

**\*Perspective of the Detroit Super Bowl**

*Bob Brooks, National Design Manager – PB  
Sports, Parsons Brinckerhoff*

**Urban Issues – Branching Out  
Part I (.3 CEU)**

**Room: 318**

*You must attend both Part I and Part II for CEU credit*

*Presider: Timothy Detzner, Arborist, Grounds Department,  
Purdue University*

**Benefits of Trees in the Urban Environment**

*Pam Louks, Urban Forestry Specialty, Indiana  
Department of Natural Resources*

**The Coexistence of Trees and Construction**

*J. Paul Swartz, Campus Arborist, Michigan State  
University*

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**3:15-4:45**

**Back to Basics: ADA Design Criteria**

**Part II (.3 CEU)**

**Room: 214C-D**

*You must attend both Part I and Part II for CEU credit*

*Presider: Ken Woodruff, Civil Rights Program Manager,  
FHWA Indiana Division*

INDOT and FHWA specialists in the ADA design process will provide an overview of the various design criteria required for ADA/Section 504 compliance on public rights-of-way. Geometrics, curb treatments, slopes, sidewalks, and options for design within the standards will be discussed, as well as the resources available.

**INDOT ADA Design Processes and Resources**

*John Wright, Manager of Roadway Services, INDOT*

**General ADA Design Criteria and Problems/Solutions**

*Brian Brown, Vice President, D.A. Brown Engineer  
Consultants*

**Back to Basics: Design Flexibility**

**Part II (.3 CEU)**

**Room: 306**

*You must attend both Part I and Part II for CEU credit*

*Presider: Gary Mroczka, Director, Production Management  
Division, INDOT*

Go back to the roots of highway design practices and principals to better understand the parameters, constraints, and associated risks of applying design flexibility.

*Ron Nordmeyer, Senior Project Manager,  
The Schneider Corporation  
Jeff Shaw, Safety/Design Engineer, FHWA  
Resource Center*

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**3:15-4:45**

**Back to Basics: MUTCD Update Part 2- Retro-Reflectivity and High Visibility Material Part II (.3 CEU)**

**Room: 302**

*You must attend both Part I and Part II for CEU credit*

*Presider: Karen Stippich, ITS/Operations Engineer, FHWA  
Indiana Division*

**Demonstration of Retro-Reflectivity Testing Methods**

*Richard Domonkos, Training Specialist, Indiana  
LTAP, Purdue University*

**Work Zone Safety and High Visibility Apparel**

*Ken Wood, Traffic Operations Engineer,  
FHWA Midwest Resource Center*

**Back to Basics: Transmission of Electronic Construction Data Part II (.3 CEU)**

**Room: 320**

*You must attend both Part I and Part II for CEU credit*

*Presider: Phillip Dunston, Professor of Civil Engineering,  
Purdue University*

The use of electronic design data is becoming increasingly more prevalent in the project development process and in construction. Properly developed data integration systems provide a seamless transmission of data throughout all phases of the project. This session will review state-of-the-practice technology and show how others are leveraging the use of electronic design files to improve integration of project delivery functions. Facilitating GPS-based machine guidance also will be addressed.

*Douglas Townes, Construction Administration Engineer,  
Atlanta Division, Federal Highway Administration  
Daniel Belcher, Engineer Support Services, Michigan  
Department of Transportation  
Kimberly Arndt, Estimator, Milestone Contractors, L.P.*



# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**3:15-4:45**

***DUE TO THEIR COMMON THEME AND DEMAND,  
THE FOLLOWING TWO SESSIONS HAVE BEEN  
COMBINED IN FOWLER HALL***

## **Financing Issues**

*Presider: Gary Eaton, Director, Budget, Procurement, and  
Project Accounting, INDOT*

### **Federal Highway Funds for Federal Fiscal Year 2009**

*Gary Eaton, Director, Budget, Procurement, and  
Project Accounting, INDOT*

### **Road to Recovery – The Federal Economic Recovery Program**

*Mark Newland, Transportation Finance Manager,  
FHWA Indiana Division*

## **LPA Initiatives Q&A**

*Presider: Daniel Keefer, LPA Coordinator, FHWA Indiana  
Division*

Assuming you attended one of the earlier “Guess Who Owns Your LPA Project... You Do!” sessions, this will be your opportunity to ask questions about the new project development process and LPA funding – including LPA Economic Recovery funding questions.

## **Free Internet Service!**

**Free Internet service is available to participants in Room 107 throughout Road School. Please limit your usage to 15 minutes if others are waiting.**

# Road School Agenda

**Wednesday**

**March 11**

**Concurrent Sessions**

**3:15-4:45**

**Invest Wisely...Managing Your Transportation Assets**

**Room: 206**

*Presider: David Unkefer, Engineering Services Team Leader, FHWA Indiana Division*

Careful attention to asset inventory and conditions and strategically targeting limited funds to achieve or maintain standard performance levels can both save you money and improve your level of service. Learn about INDOT's Transportation Asset Management (TAM) practices, policies, and tools, and how to identify low-performing assets and good investment opportunities.

**INDOT's TAM Self-assessment**

*David Unkefer, Engineering Services Team Leader, FHWA Indiana Division*

**Asset Management at INDOT**

*Brad Steckler, Program Engineering Director, INDOT  
Dwane Myers, Planning Director, Greenfield District, INDOT*

**Current TAM Research**

*Samy Nouredin, Transportation Systems Research Section Manager, INDOT  
Samuel Labi, Assistant Professor of Civil Engineering, Purdue University*

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## **Maintenance Issues Part II**

**Room: 202**

*Presider: Greg Ellis, Roadway Services Engineer,  
Vincennes District, INDOT*

### **Maintenance of Sub-Surface Drainage Systems**

*Dave Andrewski, Manager, Office of Pavement  
Engineering, INDOT*

### **Privatization of Maintenance Operations**

*Bob McCullouch, Research Scientist, Purdue University*

## **Traffic Management and Operations - Indiana ITE Part II (.3 CEU)**

**Room: 214A-B**

*You must attend both Part I and Part II for CEU credit*

*Presider: John Farrar, President, ITE Indiana Section*

This session is traditionally organized by the Institute of Transportation Engineers, Indiana Section, and this year will cover various examples of dealing with traffic management and operations.

### **Super Bowl 2012...What Can Indianapolis Expect?**

*Continued*

#### **\*Perspective of the Tampa Super Bowl**

*Irvin Lee, Public Works Director, City of Tampa*

#### **\*Traffic Signals Perspective Tampa Super Bowl**

*Mike Scanlon, Signals Engineer, City of Tampa*

### **Elkhart County Signal Coordination**

*Darcy Bullock, Professor of Civil Engineering, Purdue  
University*

*Jay Grossman, Project Engineer, Elkhart County*

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**Concurrent Sessions**

**3:15-4:45**

**Urban Issues – Branching Out  
Part II (.3 CEU)**

**Room: 318**

*You must attend both Part I and Part II for CEU credit*

*Presider: Timothy Detzner, Arborist, Grounds Department,  
Purdue University*

**Sustainable Native Plant Design for the Urban  
Environment**

*Kevin Tunesvick, Restoration Ecologist, Spence  
Restoration Nursery*

**Proper Planting and Maintenance**

*Rita McKenzie, Urban Forestry Specialist,  
Purdue University*

**Best Management Practices on Effective Urban  
Forestry Management**

*Jennifer Gulick, Senior Consultant – Urban Forestry,  
Davey Resource Group*

**5:30-8:00**

**ITE DINNER**

**Dauch Alumni Center  
Purdue University  
West Lafayette**

**Social: 5:30**

**Dinner: 6:45**

**Program: 7:30**

**Speaker: Ken Voigt  
ITE International President**

**Program: ITE Update and Presentation of  
Scholarship Awards**

**Advance purchase of tickets required**

# Road School Agenda

Thursday

March 12

## Association Meetings

8:00-10:00

### Indiana Street Commissioners Association Meeting

Room: PMU West Faculty Lounge

*Presider: David Downey, Public Works Director, City of West Lafayette*

**Breakfast**

**Business Meeting**

**Building Positive Rapport for Your Community,  
Including the Media**

*Karen Avery, Director of Communications,  
Association of Indiana Counties*

8:30-10:00

### American Traffic Safety Services Association Meeting

Room: 318

*Presider: Todd Thurston, The Hoosier Company*

**Business Meeting**

**National ATSSA Update**

**INDOT Work Zone Safety Update**

**Striping Committee Update**

**New Business**

# Road School Agenda

Thursday  
March 12

## Association Meetings

8:30-10:00

### City Engineers Association Meeting

Room: 202

*Presider: Carey Stranahan, City Engineer, Kokomo*

Business Meeting

8:30-10:00

### County Auditors Association Meeting

Room: 320

*Presider: Deborah Adams, Auditor, Rush County*

Business Meeting

8:30-10:00

### County Commissioners Association Meeting

Room: 314

*Presider: Stephanie Yager, Executive Director, Indiana  
Association of County Commissioners*

Legislative Wrap-Up  
Other Issues

8:30-11:00

### County Highway Engineers and Supervisors Association Meeting

Room: 302

*Presider: Rex Pranger, Surveyor, LaGrange County*

**Economic and Community Development Tools**  
*Sarah Yeager, Education and Training Director, Building  
Better Communities, Ball State University*

**Hot In-Place Recycling**  
*Patrick Faster, Gallagher Asphalt*

Business Meeting

***ROAD SCHOOL ENDS...  
REGISTRATION DESK OPEN  
UNTIL 12:00 PM***



***HAVE A SAFE TRIP HOME!***

***MARK YOUR CALENDAR  
FOR NEXT YEAR'S  
ROAD SCHOOL***

***MARCH 9-11, 2010***