

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

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- 2 LTAP Training Calendar
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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
- 14-15 LTAP Directory Updates
- 16-22 Road School Wrap Up
- 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 95th 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 100th 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.

Please route to your staff:

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<input type="checkbox"/>	_____	<input type="checkbox"/>	_____

continued on page 15



IMS Centennial Celebration continued from page 1

IMS is honoring the 100th 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

nal 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 100th anniversary of the Indianapolis 500 Mile Race in 2011.

For more information about IMS visit 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: barbladown@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	Exhibitors Luncheon 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) (Part I of a three-hour session) 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) (Part II of a three-hour session) 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
	Wednesday, March 11
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) (Part I of a three-hour session) 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) (Part II of a three-hour session) 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>Road School Luncheon 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) (Part I of a three-hour session) 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>The below two sessions have been combined due to their similar content and demand</i> Financing Issues (Fowler Hall) LPA Initiatives (Q&A) (Fowler Hall) Invest Wisely...Managing Your Transportation Assets (206) (Part II of a three-hour session) 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>Thursday , March 12</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.

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.

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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

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.

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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 II (.3 CEU)

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*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 Mroczka, 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

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.

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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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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*

Road School Agenda

Wednesday

March 11

Concurrent Sessions

3:15-4:45

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

Road School Agenda

Wednesday

March 11

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