Purdue University
94th Annual
Joint Transportation Research Program
Purdue Road School
March 25-27, 2008
Stewart Center • Purdue University
Wednesday, March 26
12:00 to 1:30 PM
North & South Ballrooms
Purdue Memorial Union

OUR GUEST SPEAKER

Todd Beer
Retired Lt. Colonel
U.S. Air Force

Todd was a member of the Air Force One flight team until his retirement. His travels took him around the world and he was a part of many historical missions. He flew during two Presidential campaigns, was involved in President George W. Bush’s surprise Thanksgiving visit to Baghdad, and flew during the terrorist attacks on September 11, 2001. Todd’s message includes his recollections of memorable moments aboard the world’s most recognizable aircraft and the leadership, teamwork, and dedication to excellence required to be successful.

Tickets may still be available at
110 Stewart Center
(Next to the Road School Registration Desk)
$19.00

We thank the following sponsors for their annual support of the Road School Luncheon!

American Concrete Pavement Association Indiana Chapter
American Council of Engineering Companies of Indiana
Asphalt Pavement Association of Indiana
Indiana Construction Association
Indiana Mineral Aggregates Association
Indiana Ready Mixed Concrete Association

Reserved luncheon tickets will be held
until 10:00 AM the day of the luncheon,
at which time they will be sold to the public.

Tuesday, March 25
11:30 AM to 2:00 PM
North & South Ballrooms
Purdue Memorial Union

All participants are invited to enjoy an extended lunch hour at this complimentary sandwich buffet provided courtesy of these participating exhibitors. Your name badge will be required for admission.

3M
American Consulting Inc.
Asphalt Zipper Inc.
Beam, Longest & Neff, LLC
Burgess & Niple, Inc.
Christopher B. Burke Engineering
Collins Engineers
Contech Construction Products
DLZ Indiana, LLC
E. J. Prescott
East Jordan Iron Works
Equipment Marketing Co.
Geotech Services
Globe Asphalt Pavement Company
Highway Safety Specialists
IKO Concrete Pipe Association
Independent Concrete Pipe Company
Infrastructure Engineering, Inc.
JFNew
Lafayette Instrument Company
MGI Traffic Control Products
Michael Todd & Co., Inc.
MS Consultants, Inc.
Road Solutions, Inc.
Rudd Equipment Company
Seiler Instrument Company
So-Deep, Inc.
Specialties Company LLC
St. Regis Culvert, Inc.
TCD
The Hoosier Company, Inc.
The Reinforced Earth Company
Traffic Control Corporation
Traffic Signal Company
Unique Paving Materials
United Consulting Engineers, Inc.
Uretek ICR
VS Engineering, Inc.
Woolpert, Inc.
GENERAL INFORMATION

REGISTRATION
The Road School Registration Desk is located in the east foyer of Stewart Center and will be open 7:00 AM to 5:00 PM.

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. Messages will be placed on the message board in the east foyer of Stewart Center. The phone number at the registration desk is 765-494-8807.

BREAK ROOM
The Road School Break Room is located in Room 311 of Stewart Center and is available to all participants during the conference. Take a moment to visit with our non-profit exhibitors and enjoy the refreshments. Free Internet access at a computer kiosk in the Break Room is available to Road School attendees.

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, Road School Coordinator, School of Civil Engineering, 550 Stadium Mall Drive, Purdue University, West Lafayette, Indiana 47907-2051.

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.
## Conference at a Glance

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

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<thead>
<tr>
<th>Time</th>
<th>Tuesday, March 25</th>
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<tbody>
<tr>
<td>7:00</td>
<td>Road School Registration</td>
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<tr>
<td>9:30-11:30</td>
<td>Opening Session (Loeb Theatre)</td>
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<tr>
<td>11:30-2:00</td>
<td>Exhibitors Luncheon&lt;br&gt;Purdue Memorial Union North/South Ballrooms</td>
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<tr>
<td>1:30-3:00</td>
<td>Asphalt Pavement for Local Governments (218A-C)&lt;br&gt;Highway Administration and Management 101 for Local Officials (302)&lt;br&gt;Listen to Me!! (206)&lt;br&gt;Native Plants…the Good, the Bad, the Ugly (322)&lt;br&gt;Urban Issues I (202)&lt;br&gt;When Disaster Strikes…How to Respond! (214A-B)&lt;br&gt;(Part I of a three-hour session)&lt;br&gt;Back to Basics: Utility Coordination (306)&lt;br&gt;Back to Basics: Work Zone Safety…the New Rule (314)</td>
</tr>
<tr>
<td>3:15-4:45</td>
<td>ABCs for Local Highway and Street Officials (218A-C)&lt;br&gt;Emerging Concrete Pavement Technologies (206)&lt;br&gt;Freight Corridors of the Future (202)&lt;br&gt;INDOT Local Federal Aid Programs Update (302)&lt;br&gt;(repeated on Wednesday at 3:15 pm)&lt;br&gt;Integrated Solutions for Transportation (214A-B)&lt;br&gt;Show Me the Money! (214C-D)&lt;br&gt;The Silent Killer (322)&lt;br&gt;(Part II of a three-hour session)&lt;br&gt;Back to Basics: Utility Coordination (306)&lt;br&gt;Back to Basics: Work Zone Safety…the New Rule (314)</td>
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<tr>
<td>5:00-7:00</td>
<td>Welcome Reception&lt;br&gt;University Plaza Hotel</td>
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<tr>
<td>7:00</td>
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<tr>
<td>8:30-10:00</td>
<td>County Surveyors Meeting ALL DAY (322)&lt;br&gt;A New Way of Doing Business (314)&lt;br&gt;CSS: Being More Responsive to Your Stakeholders (313)&lt;br&gt;INDOT Planning Organization Changes (302)&lt;br&gt;Leadership as an Attitude (218A-C)&lt;br&gt;Safety Issues: Traffic Safety on a Restricted Budget (306)&lt;br&gt;Urban Issues II (318)&lt;br&gt;Whitesell Cemetery Relocation (202)&lt;br&gt;(Part I of a three-hour session)&lt;br&gt;Back to Basics: Bridge Design &amp; Inspection (214C-D)&lt;br&gt;Back to Basics: Common Geometric Design Problems and Solutions (214A-B)&lt;br&gt;Road Scholar Core Course #11 (Fowler Hall)</td>
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<tr>
<td>Time</td>
<td>Wednesday, March 26 (Continued)</td>
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| 10:15-11:45    | Chip Seal Best Practices (302) Creating and Maintaining Your Community's Identity (314)  
Erosion Control on Construction Sites (206)  
Greening Your Fleet (318)  
Major Moves...on the Move! (218A-C)  
Signal Timing Maintenance (202)  
Successful Native Plantings (313)  
(Part II of a three-hour session)  
Back to Basics: Bridge Design & Inspection (214C-D)  
Back to Basics: Common Geometric Design Problems and Solutions (214A-B)  
Road Scholar Core Course #11 (Fowler Hall) |
| 12:00-1:30     | Road School Luncheon  
Purdue Memorial Union North/South Ballrooms |
| 1:30-3:00      | Financing Issues (218A-C)  
MPO Issues (314)  
Our Future is Full of Risk (206)  
RPOs...What Are They and How Can They Help You? (306)  
(Part I of a three-hour session)  
Back to Basics: Estimating for Success (302)  
Back to Basics: Pavement and Asset Management (214A-B)  
Maintenance Issues (214C-D)  
Transportation Issues – Indiana ITE (202)  
Road Scholar Core Course #12 (Fowler Hall) |
| 3:15-4:45      | INDOT 2007 Statewide Interchange Study (206)  
INDOT Local Federal Aid Programs Update (218A-C)  
(repeated on Tuesday at 3:15 pm)  
The Slope Shouldn't Have Failed... (314)  
(Part II of a three-hour session)  
Back to Basics: Estimating for Success (302)  
Back to Basics: Pavement and Asset Management (214A-B)  
Maintenance Issues (214C-D)  
Transportation Issues – Indiana ITE (202)  
Road Scholar Core Course #12 (Fowler Hall) |

Thursday, March 27

7:00  
Road School Registration

8:00-10:00  
Indiana Street Commissioners Meeting (PMU-West Faculty Lounge)

8:30-10:00  
ATSSA Meeting (318)  
City Engineers Meeting (322)  
County Auditors Meeting (202)  
County Commissioners Meeting (314)  
(Part I of a three-hour session)  
INDOT Meeting (302)

9:00-11:00  
County Highway Engineers and Supervisors Meeting (214A-B)

10:15-11:45  
(Part II of a three-hour session)  
INDOT Meeting (302)

3-Hour Session
Road School Agenda

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-Coordinators
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 Domenkos, Training Specialist, Indiana LTAP
Gary Mroczka, Road School Liaison, INDOT
Walt Land, Road School Liaison, INDOT
Bob McCullough, Information Technology Administrator, JTRP
Dorothy Miller, Secretary, JTRP
Tom Robertson, Conference Coordinator, Center for Lifelong Learning
Transportation Graduate Research Assistants, School of Civil Engineering

2008 Road School Steering Committee
Lloyd Bandy, APAI
Phil Beer, USI Consultants
KD Benson, Tippecanoe County
Paul Berebitsky, ICI
Mike Berebitsky, ICI
Mike Bowman, INDOT
Jerry Bridges, MCCOG
James Bullard, City of Seymour
Darcy Bullock, Purdue University
Mike Byers, Indiana Chapter-ACPA
Lisa Calvert, Indiana LTAP
Bruno Canzian, INDOT
Brett Cating, Montgomery County
Jodi Coblentz, Cass County
Eric Conklin, INDOT
Robert Connor, Purdue University
Krystal Cornett, INDOT
Gary Eakin, Town of Danville
Gary Eaton, INDOT
Greg Ellis, INDOT
Phil Estridge, Henry County
Michael Fincher, City of Logansport
William Flora, INDOT
Rusty Fowler, INDOT
Jon Fricker, Purdue University
Bill Haan, IACC
John Habermann, Indiana LTAP
John Haddock, Indiana LTAP
Shelly Haney, INDOT
Karen Hatke, JTRP
Eryn Hays Fletcher, INDOT
Lee Hoard, City of Delphi
Robert Jones, IMAA
Tony Jones, Earth Tech
Dan Keefer, FHWA
Walt Land, INDOT
Bob McCullough, JTRP
Mark Miller, INDOT
Megan Miller, IACT
Gary Mroczka, INDOT
Tommy Nantung, INDOT
Joe Novak, INDOT
Jim Olson, Jefferson County
B erry Partridge, INDOT
Joyce Poling, Monroe County
Steve Powell, Ameritech
Jim Reid, Indiana Public Works News
Rob Roberts, Town of Danville
Steve Ruble, City of Columbus
Wes Shaw, INDOT
Ruth Shedh, Tippecanoe County
Kumares Sinha, JTRP
Jay Wasson, INDOT
John Weaver, INDOT
Jason Weiss, Purdue University
David Whitworth, INDOT
Joe Williams, Brown Equipment
Stephanie Yager, Brown County
Bob Young, LaPorte County
Road School Agenda

Tuesday
March 25

Opening Session
9:30-11:30 am
Room: Loeb Theatre

Presider: Kumares C. Sinha, Olson Distinguished Professor of Civil Engineering and Director, Joint Transportation Research Program, Purdue University

Welcome and Opening Remarks
Karl B. Browning
Commissioner
Indiana Department of Transportation

Keynote Speaker
Robert DeHaan
Deputy Assistant Secretary
Department of Transportation

Questions and Answers
Karl Browning
Robert DeHaan

Indiana Partnership for Highway Quality Awards
Mark A. Miller, Director of Construction Management, INDOT
Robert F. Tally, Division Administrator, FHWA Indiana Division

Break Room

The Break Room, 311 Stewart Center, will be available to conference participants from 8:30 am to 4:30 pm. Free Internet service at a computer kiosk will be available this year!
Road School Agenda

Tuesday
March 25

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.

VISIT INDOT’S BUSINESS INFORMATION TECHNOLOGY SYSTEMS (BITS) IN STEWART CENTER ROOM 307 DURING ROAD SCHOOL!

- Find out how INDOT is building a superior infrastructure for the State of Indiana using technology...
- Speak to people in the know about the technological applications used by INDOT users...
- Participate in scheduled demonstrations of technologies used by INDOT to build bridges and roads across the state...
Road School Agenda

Tuesday
March 25

Concurrent Sessions
1:30-3:00

Asphalt Pavement for Local Governments
Room: 218A-C

Presider: Lloyd Bandy, Executive Director, Asphalt Pavement Association of Indiana

Warm Mix Asphalt
Gerry Huber, Heritage Research Group

MEPDG for Local Governments
David Andrews, Manager, Pavement Engineering, INDOT

Pavement Preservation Techniques
Todd Shields, Pavement Preservation Engineer, INDOT
Scott Trammell, Pavement Maintenance Engineer, INDOT

Legislative Action Affecting Road and Street Funding
Laurie Maudlin, Governmental Advisor, Appian, Inc.

Back to Basics: Utility Coordination
Part I (.3 CEU)
Room: 306

Presider: Matt Thomas, Utility/Railroad Manager, Real Estate Division, INDOT

Early Utility Coordination Efforts on Projects
Gail Lee, Utility Engineer, Real Estate Division, INDOT

Utility Work Plans, Relocation Plan Reviews, and Issuing Permits
Joe Gundersen, Senior Utility Engineer, INDOT

Back to Basics: Work Zone Safety…the New Rule Part I (.3 CEU)
Room: 314

Presider: Dulcy Abraham, Professor of Civil Engineering, Purdue University

New Rule on Work Zone Safety and Mobility
Rick Drumm, Safety Engineer, FHWA Indiana Division

INDOT’s Response to the New Rule on Work Zone Safety and Mobility
Pat McCarty, Work Zone Safety Administrator, INDOT
Tuesday
March 25
Concurrent Sessions
1:30-3:00

Highway Administration and Management
101 for Local Officials
Room: 302

Presider: Bill Williams, Highway Engineer, Monroe County

The Ins and Outs of Road Funding, Making Sure You Are Receiving Your Fair Share
Dan Bastin, Director of Settlements, Indiana State Auditor's Office

The Role of the State Auditor in Local Highway and Street Operations
Charles Pride, Supervisor-Cities and Towns, State Board of Accounts
Tammy White, County Office Supervisor, State Board of Accounts
Debra Gibson, County Supervisor, State Board of Accounts

Listen to Me!!!
Room: 206

Talk is cheap, but good listening skills are priceless for effective communication. Attend this session to discover some critical tools aimed at establishing more dynamic dialogue!

Branna Smith, Worklife Coordinator, Purdue University

Native Plants...the Good, the Bad, the Ugly
Room: 322

Presider: Joyce Newland, Planning and Environmental Specialist, FHWA Indiana Division

Native vegetation has many benefits for our Indiana roadsides. Attend this session to learn the design, maintenance, and cost aspects of native prairie plantings. What FHWA requires and other states are doing will also be discussed, as well as the invasive plant problem that is currently spreading across the country.

Neil Diboll, President, Prairie Nursery, Inc.
Road School Agenda

Tuesday
March 25

Concurrent Sessions
1:30-3:00

Urban Issues I
Room: 202

Presider: Tim Detzner, Campus Arborist, Purdue University

Issues Affecting the Long-Term Survivability of Community Trees
Conner Shaw, Possibility Place Nursery

Establishing and Running an Effective Tree Board in Your Community
Dave Kissel, City of Bedford Tree Board-Retired

The Proper Tree for the Proper Place
Jim Farr, Davey Resource Group

When Disaster Strikes...How to Respond!
Room: 214A-B

Presider: Keith Hoernschemeyer, Bridge Engineer, FHWA Indiana Division

Infrastructure failures and natural disasters are not common events, but we must be prepared for them. This session's speakers will demonstrate firsthand the benefits of having a plan, what was learned from actually going through such disasters, and how their plans were adjusted for future events.

The Minnesota Bridge Disaster Response
Tom Sorel, Division Administrator, FHWA Minnesota Division

A Local Indiana Response to Disaster
Larry Thompson, Mayor, City of Nappanee
Wayne Scheumann, Superintendent Streets/Sanitation/Parks, City of Nappanee
Road School Agenda

Tuesday
March 25
Concurrent Sessions
3:15-4:45

ABCs for Local Highway and Street Officials
Room: 218A-C

Presider: Eric Conklin, Technical Services Manager, INDOT

Why do we count traffic? Why do we keep track of our street inventories? Is putting this data on a map valuable? These questions will be answered for individuals in charge of roads and streets so they can better collect data and know how they can utilize it once it is collected.

Maintaining Your Local Road and Street Inventory
Eric Rader, Roadway Inventory Supervisor, INDOT

Collecting, Understanding, and Using Traffic Data as a Management Tool on Your Local Roads
Kirk Mangold, Traffic Monitoring Program Director, INDOT

Back to Basics: Utility Coordination Part II (.3 CEU)
Room: 306

Presider: Matt Thomas, Utility/Railroad Manager, Real Estate Division, INDOT

Utility Agreements
Matt Thomas, Utility/Railroad Manager, Real Estate Division, INDOT

Back to Basics: Work Zone Safety...the New Rule Part II (.3 CEU)
Room: 314

Presider: Dulcy Abraham, Professor of Civil Engineering, Purdue University

Changes in the Interstate Lane Closure Policy
David Boruff, Work Zone Program Manager, INDOT
Road School Agenda

Tuesday
March 25

Concurrent Sessions
3:15-4:45

Emerging Concrete Pavement Technologies
Room: 206

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

Use of a Concrete Overlay to Rehabilitate Bremen Road in St. Joseph County
Jerry Larson, Promotions Manager, Indiana Ready Mixed Concrete Association
Jessica Clark, County Highway Engineer, St. Joseph County

Pervious Pavement – A New Pavement for Storm Water Management
Ashley Frantz, Promotions Manager, Indiana Ready Mixed Concrete Association

Roller Compacted Concrete – Applications of RCC in Indiana
Christopher Tull, Owner, CRT Concrete Consulting LLC

Freight Corridors of the Future...
Freight Mobility
Room: 202

Presider: Max Azizi, Assistant Division Administrator, FHWA Indiana Division

Freight Mobility – the Way Ahead
Kate Quinn, Office of Freight Management and Operations, FHWA Washington DC

The Freight Factor
Keith Bucklew, Director of Freight Mobility, INDOT

The Need for Reliable Transportation Infrastructure
Donald Sansone, Director of Supply Chain, Red Gold, Inc.
Road School Agenda

Tuesday
March 25
Concurrent Sessions
3:15-4:45

**INDOT Local Federal Aid Programs Update**
Room: 302
This session is repeated on Wednesday at 3:15

Presider: Dan Keefer, Quality Coordinator, FHWA Indiana Division

**INDOT’s New LPA Operating Procedures**
Rick Whitney, Manager of Local Federal Aid Office, INDOT

**How INDOT Looks at LPAs**
John Jordan, Director, Local Programs Division, INDOT

**The Status of LPA Administration in Indiana and Around the Country**
Robert Tally, Division Administrator, FHWA Indiana Division

**Integrated Solutions for Transportation**
Room: 214A-B

Presider: Mahmud Farooque, Management Director, NEXTRANS Center, Purdue University

**Integrated Solution for Transportation**
Srinivas Peeta, Director, NEXTRANS Center and Professor of Civil Engineering, Purdue University

**Uncertainty-Based Tradeoff Analysis for Integrated Transportation Investment**
Samuel Labi, Assistant Professor of Civil Engineering, Purdue University

**Stated Preference Analysis of an On-Demand Air Service Employing Very Light Jets**
Dan DeLaurentis, Assistant Professor of Aeronautics and Astronautics Engineering, Purdue University
Road School Agenda

Tuesday
March 25
Concurrent Sessions
3:15-4:45

Show Me the Money!
Room: 214C-D

Presider: Keith Hoernschemeyer, Bridge Engineer, FHWA Indiana Division

Disaster funding is available from a variety of state and federal sources. Learn how FEMA funding works and how to obtain funding assistance from FHWA after a disaster. Indiana Department of Homeland Security representatives will also discuss coordination of disaster response from a state perspective.

Funding Assistance from FHWA after a Disaster
Keith Hoernschemeyer, Bridge Engineer, FHWA Indiana Division

How FEMA Funding Works
Rosemary Petersen, Public Assistance Program Director, Indiana Department of Homeland Security

Coordinating the State Response
Shane Booker, Deputy Director, Indiana Department of Homeland Security

Break Room

The Break Room, 311 Stewart Center, will be available to conference participants from 8:30 am to 4:30 pm. Free Internet service at a computer kiosk will be available this year!
Road School Agenda

Tuesday
March 25

Concurrent Sessions
3:15-4:45

The Silent Killer…and the Irreplaceable Role of County Commissioners
Room: 322

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

Although titled *The Silent Killer* – this session is not about highway fatalities. It is about highway access, access management, and the role of county government. This title emphasizes the fact that unmanaged access quietly and subtly reduces (kills figuratively) the ability of highways to perform their important task. This presentation will attempt to answer the question: “Why is it important for county commissioners to care about managing highway access?” The session will explain how county officials are the only public officials who can directly implement highway access management; not only on county highways, but on INDOT highways as well. See how we can leave a positive legacy by implementing simple, low-cost access management plans. This session will be in plain-English, using photos to visibly and simply explain highway planning and engineering.

**What is the Silent Killer?**
*Jodi Coblentz, County Highway Engineer, Cass County*

**Panel Discussion**
*Jon Fricker, Moderator*

*Jodi Coblentz, County Highway Engineer, Cass County*
*Jim Olson, County Highway Engineer, Jefferson County*
*Stephanie Yager, Commissioner, Brown County*
*Bill Haan, Executive Director, Indiana Association of County Commissioner*

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 26

#### Concurrent Sessions

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

*Room: 322*

*Presider: Al Frisinger, County Surveyor, Allen County*

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<td>8:00-9:00</td>
<td>Continental Breakfast</td>
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<td>9:00-10:00</td>
<td>IDEM Permitting – James Robb</td>
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<td>10:00-10:15</td>
<td>Break</td>
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<tr>
<td>10:15-12:00</td>
<td>County Surveyor Role in Floodplain Management – Rod Renkenberger</td>
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<td>12:00-1:30</td>
<td>Lunch on Your Own</td>
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<td>1:30-2:30</td>
<td>Indiana Geographical Information Council Update – John Milburn</td>
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<td>2:30-3:00</td>
<td>Legislative Update – Steve Murray</td>
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<tr>
<td>3:00-3:15</td>
<td>Break</td>
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<tr>
<td>3:15-4:00</td>
<td>Business Meeting</td>
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### Break Room

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**Concurrent Sessions**

WednesdayMarch 26

**A New Way of Doing Business**
Room: 314

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

All of the details of INDOT’s new project development process for major and minor projects will be presented in this session.

Greg Kicinski, Manager, Office of Project Management, INDOT

**Back to Basics: Bridge Design and Inspection**
Part I (.3 CEU)
Room: 214C-D

Presider: Anne Rearick, Manager, Office of Structural Services, INDOT

In the wake of the Minnesota bridge collapse, a significant amount of attention has been given to structures with fatigue and fracture-critical elements. This session will focus on the design and inspection of these unique bridge elements.

**Fatigue and Fracture Design of Steel Bridges**
Robert Connor, Professor of Civil Engineering, Purdue University

**Back to Basics: Common Geometric Design Problems and Solutions Part I (.3 CEU)**
Room: 214A-B

Presider: John Wright, Manager, Roadway Services, INDOT

This session will present the basic design of geometric design components, including vertical alignment, horizontal alignment, and superelevation and road safety. Designers, project managers, and project owners are encouraged to attend this session.

Chris Rops, Project Director-Engineering, HNTB Indiana, Inc.
Jennifer Goins, Transportation Engineer, HNTB Indiana, Inc.
Erica Pugh, Project Manager, HNTB Indiana, Inc.
Dave McDougall, HNTB Indiana, Inc.
Concurrent Sessions
8:30-10:00

CSS: Being More Responsive to Your Stakeholders
Room: 313
Presider: Jeanette Wilson, Manager, Local Programs, INDOT

Context Sensitive Solutions (CSS) is fast becoming a required element of construction projects. In this session, you will hear an update of INDOT’s integration of CSS into their project design process.

INDOT’s CSS Implementation Update
Jeanette Wilson, Manager, Local Programs, INDOT

CSS Peer Exchange Results
Jill Palmer, Project Manager, The Schneider Corporation

INDOT Planning Organizational Changes: The New Integrated Planning Division
Room: 302

This session is a primer on the form and function of the new INDOT planning area.

David Holtz, Director, Planning Division, INDOT

Leadership as an Attitude
Room: 218A-C

This workshop will help you assess your personal leadership skills and provide you with the knowledge to understand the importance of workplace attitudes and how they affect total performance and effectiveness. You will learn six quick attitude adjustment techniques for creating productive work environments as well as several ways to “give away” your positive attitude.

Rodney Vandeveer, Professor of Organizational Leadership and Supervision, Purdue University
Road School Agenda

Wednesday  
March 26  
Concurrent Sessions  
8:30-10:00

Road Scholar Core Course #11: Plan Reading  
Part I

Room: Fowler Hall

Presider: Bob McCullouch, IT Administrator, Joint Transportation Research Program, Purdue University

Vocabulary and Symbol Definitions  
Philip Kuntz, Vice President, Janssen & Spaans Engineering

Bridge Plan Reading Basics  
Michael Eichenauer, Butler Fairman & Seufert

Road Plan Reading Basics  
Matthew Taylor, Managing Principal, Level 5 Engineering

Attendance at this session will fulfill the requirements for Road Scholar Core Course 11.

Break Room

The Break Room, 311 Stewart Center, will be available to conference participants from 8:30 am to 4:30 pm. Free Internet service will be available to attendees at a computer kiosk this year!
Road School Agenda

Wednesday
March 26
Concurrent Sessions
8:30-10:00

Safety Issues: Traffic Safety on a Restricted Budget
Room: 306

Presider: Brad Steckler, Director, Engineering Programs Division, INDOT

Simplified Approaches in Acquiring and Analyzing Traffic Crash Data
Rick Drumm, Safety Engineer, FHWA Indiana Division

Experience and Perspective in Cost-Effective Treatments on Cartersburg Road in Hendricks County
George Hartman, County Engineer, Franklin County

National Experience on a Variety of Proven, Tried, and Emerging Experimental Tactics to Positively Affect Safety Operation
Brad Steckler, Director, Engineering Programs Division, INDOT

LTAP-INDOT-FHWA Partnership to Provide Technical/Engineering Resources for Traffic Safety
Michael Holowaty, Manager, Traffic Safety Office, INDOT

Urban Issues II
Room: 318

Presider: Rob Roberts, Superintendent DPW, Town of Danville

The term Management System is coming at us at from every direction. What is a “Management System”? How can it help you save money? How can it help you focus your efforts on the most critical work items? How can it help you in purchasing? These questions plus the basics of a good “Management System” will be presented and discussed.

Philip McGrath, Sales Executive, PubWorks/Tracker Software Corp.
Road School Agenda

Wednesday
March 26

Concurrent Sessions
8:30-10:00

Whitesell Cemetery Relocation
Room: 202

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

This session will present the project management and archeology processes conducted for the Whitesell-Wright-Gentry Cemetery Relocation Project, which was recently completed in Indianapolis to enable highway work to proceed.

Moving Cemeteries: the Legal, Public Relations, Ethical, and Project Management Decisions and Issues
Christopher Koeppel, Administrator, Cultural Resources Section, INDOT

Archeological Investigations at the Whitesell-Wright-Gentry Cemetery
Ryan Peterson, Senior Archeologist, AMEC Earth and Environmental

VISIT INDOT’S BUSINESS INFORMATION TECHNOLOGY SYSTEMS (BITS) IN STEWART CENTER ROOM 307 DURING ROAD SCHOOL!

- Find out how INDOT is building a superior infrastructure for the State of Indiana using technology...
- Speak to people in the know about the technological applications used by INDOT users...
- Participate in scheduled demonstrations of technologies used by INDOT to build bridges and roads across the state...
Road School Agenda

Wednesday
March 26

Concurrent Sessions
10:15-11:45

Back to Basics: Bridge Design and Inspection
Part II (.3 CEU)
Room: 214C-D

Presider: Keith Hoernschemeyer, Bridge Engineer, FHWA Indiana Division

In the wake of the Minnesota bridge collapse, a significant amount of attention has been given to structures with fatigue and fracture-critical elements. This session will focus on the design and inspection of these unique bridge elements.

Inspecting Steel Bridges for Fatigue
Robert Connor, Professor of Civil Engineering, Purdue University

Back to Basics: Common Geometric Design Problems and Solutions Part II (.3 CEU)
Room: 214A-B

Presider: John Wright, Manager, Roadway Services, INDOT

This session will present the basic design of geometric design components, including vertical alignment, horizontal alignment, and superelevation and road safety. Designers, project manager, and project owners are encouraged to attend this session.

Chris Rops, Project Director-Engineering, HNTB Indiana, Inc.
Jennifer Goins, Transportation Engineer, HNTB Indiana, Inc.
Erica Pugh, Project Manager, HNTB Indiana, Inc.
Dave McDougall, HNTB Indiana, Inc.
Road School Agenda

Wednesday
March 26
Concurrent Sessions
10:15-11:45

Chip Seal Best Practices
Room: 302

Presider: Todd Shields, Pavement Preservation Engineer, INDOT

This session will provide participants with a thorough and comprehensive understanding of chip seal design, construction, equipment, and inspection. Because the primary causes of chip seal failure are poor construction practices and inappropriate roadway candidate selection, this course is designed to provide pavement practitioners with the essential skills needed to ensure success.

Scott Shuler, Associate Professor, Colorado State University

Creating and Maintaining Your Community's Identity
Room: 314

Presider: John Habermann, Program Manager, Indiana LTAP, Purdue University

Several communities in Indiana have developed a plan to help define their heritage identity through historic districts, cultural events, or some other significant trait associated with their founders. Come learn how four communities collected and utilized that information and how they have maintained their identities through local partnerships.

City of Berne
John Minch, Mayor, City of Berne

City of Jasper
Maureen Brown, City of Jasper

City of Angola
Todd Zeiger, Director, Northern Region, Historic Landmarks Foundation of Indiana

City of Delphi
Randy Strasser, Mayor, City of Delphi

City of Delphi
Aaron Lyons, Street Department, City of Delphi
JOIN US IN ROOM 310

- Learn about local projects and receive updates from district office staff
- Pick up a new district offices directory and other valuable information
- Learn what’s new from the Research & Development Division
- Visit with staff from the FHWA
JOIN US IN ROOM 310

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- Learn what’s new from the Research & Development Division
- Visit with staff from the FHWA
Road School Agenda

Wednesday
March 26

Concurrent Sessions
10:15-11:45

Erosion Control on Construction Sites
Room: 206

Presider: Janice Osadczuk, Planning/Environmental Specialist, FHWA Indiana Division

Waterway Permits Review
Michelle Allen, Manager, Office of Environmental Services, INDOT

Construction Site Visits and Erosion Control
Nathan Saxe, Ecology and Permits Administrator, INDOT

Action Items to Waterway Permitting
Janice Osadczuk, Planning/Environmental Specialist, FHWA Indiana Division

Greening Your Fleet
Room: 318

Presider: Jim Reid, Publisher, IndianaPublicWorks News

Interested in integrating biofuels and biofuel-equipped vehicles into your department’s fleet? How about purchasing the flex and hybrid vehicles? Attend this session to hear the latest information from equipment manufacturers and the biofuels industry.

Bio-Fuels…Just the Facts
Kellie Walsh, Executive Director, Central Indiana Clean Cities Alliance

General Motors Flex-Fuel and Hybrid Vehicles
Larry Speicher, Fleet Account Executive, General Motors North Central Region
Road School Agenda

Wednesday
March 26
Concurrent Sessions
10:15-11:45

Major Moves…On the Move!
Room: 218A-C

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

Attend this session for an INDOT update on the delivery schedule of a variety of major new construction projects within the Major Moves Plan.

Greg Kicinski, Manager, Office of Project Management, INDOT

Road Scholar Core Course #11: Plan Reading Part II
Room: Fowler Hall

Presider: Bob McCullouch, IT Admin., Joint Transportation Research Program, Purdue University

Plan Reading Specifications
Philip Kuntz, Vice President, Janssen & Spaans Engineering

Plan Reading On-Line Course
Bob McCullouch, IT Admin., Joint Transportation Research Program, Purdue University

Attendance at this session will fulfill the requirements for Road Scholar Core Course 11.

Signal Timing Maintenance
Room: 202

Presider: Karen Stippich, ITS and Operations Engineer, FHWA Indiana Division

INDOT’s New Traffic Signal Timing Program
Greg Richards, TCS Signal Operations Engineer, INDOT

Why Signal Timing is Important
Lenny Addair, Assistant Administrator, Department of Public Works, City of Indianapolis

Elkhart County’s Experience with a Signal Timing System
Jay Grossman, County Engineer, Elkhart County
Road School Agenda

Wednesday
March 26

Concurrent Sessions
10:15-11:45

Successful Native Plantings...
Location, Location, Location
Room: 313

Presider: William Fielding, Roadside Services Coordinator
Highway Operations Section, INDOT

This session will address site and species selection for native plantings along Indiana roadsides and how the success rate of native plantings can be improved while reducing the cost when possible.

Mark O’Brien, Vice President, JF New
Ryan Allison, Unit Manager-Northern Region, JF New

12:00-1:30
ROAD SCHOOL LUNCHEON
PMU North/South Ballrooms

Master of Ceremonies
Karl B. Browning
Commissioner
Indiana Department of Transportation

Invocation
Richard Rusk
Cass County Commissioner

Luncheon Address
Todd Beer
Retired Lt. Colonel
U.S. Air Force
Road School Agenda

Wednesday
March 26
Concurrent Sessions
1:30-3:00

Back to Basics: Estimating for Success
Part I (.3 CEU)
Room: 302

Presider: Robert Cales, Director, Contract Administration Division, INDOT

INDOT’s Success Rate of Awarding Contracts
Dan Stickney, Project Estimating Engineer, INDOT

Trends in Cost Estimating
Ken Simonson, Chief Economist, Associated General Contractors of America

Back to Basics: Pavement and Asset Management Part I (.3 CEU)
Room: 214A-B

Presider: David Holtz, Director, Planning Division, INDOT

Asset Management Overview
Samy Noureldin, Transportation Systems Section Mgr., Office of Research and Development, INDOT

Best Use of PMS Program Information
Samy Noureldin, Transportation Systems Section Mgr., Office of Research and Development, INDOT
William Flora, Pavement Management Engineer, INDOT
Joyce Stone, Pavement Management Engineer, INDOT
Road School Agenda

Wednesday
March 26
Concurrent Sessions
1:30-3:00

Financing Issues
Room: 218A-C
Presider: Gary Eaton, Director, Project Accounting and Procurement, INDOT

FY2008 Federal Highway Funds and 75/25 Split with Local Agencies
Gary Eaton, Director, Project Accounting and Procurement, INDOT
Bernie Seel, Chief Financial Officer and Deputy Commissioner, INDOT

FY2009 and Reauthorization
Mark Newland, Financial Manager, FHWA Indiana Division

Maintenance Issues Part I
Room: 214C-D
Presider: Greg Ellis, Roadway Services Engineer, Vincennes District, INDOT

Soil Nail Launcher Slide Repair
Andrew Carter, Field Engineer, Vincennes District, INDOT
Janie Chenault, Operations Manager, Paoli Subdistrict, INDOT
Steve Rininger, District Liaison, Vincennes District, INDOT

Specialized Heavy Equipment
Bill Campbell, Manager, Productivity and Technology Solutions Division, MacAllister Machinery

Break Room

The Break Room, 311 Stewart Center, will be available to conference participants from 8:30 am to 4:30 pm. Free Internet service will be available to attendees at a computer kiosk this year!
It is critical that agencies work together and that planning be done for the improvement of a whole region. A guide for public officials on transportation planning and land use has recently been published…how to apply the guide to your area of Indiana will be discussed.

**Connectivity and Density**  
Jerry Bridges, Executive Director, Madison County Council on Governments

**GIS Development and Planning Applications**  
Trent Pell, GIS Coordinator, Madison County Council on Governments

**Our Future is Full of Risk**  
Room: 206

Presider: Dan Keefer, Quality Coordinator, FHWA Indiana Division

This presentation will give a brief overview of risk and risk management and how risk may be used in several disciplines. The presentation will focus on the programmatic risk, often called enterprise risk, and how FHWA uses risk to analyze the future for its delivery of the federal-aid highway program.

Jon Schans, Transportation Specialist, Stewardship and Oversight Team, FHWA Office of Infrastructure, Washington DC
Road School Agenda

Wednesday
March 26
Concurrent Sessions
1:30-3:00

Road Scholar Core Course #12: Estimating Construction Costs and Quantities Part I
Room: Fowler Hall

Presider: Rick McVay, County Engineer, LaPorte County

This is the 12th in a series of 12 LTAP Road Scholar classes and is for those local agency personnel who need practice and experience with estimating computations and measuring roadway maintenance quantities and amounts. You will learn about calculating areas and volumes, estimation of materials, and problem-solving estimating construction cost and quantities.

Robert Hearn, Civil Engineer, City of Baton Rouge, Louisiana

RPOs...What Are They and How Can They Help You?
Room: 306

Presider: David Franklin, Planning and Environmental Specialist, FHWA Indiana Division

At the Rural Indiana Strategy for Excellence (RISE) 2020 Congress, RPOs were recognized as a critical component of rural capacity building. Learn in this session how RPOs can provide a consistent source of transportation revenues to plan and build roads in non-metropolitan areas.

Rise 2020 and RPOs
Phil Anderson, Executive Director, Indiana Rural Development Council

RPOs: How They Will Work in Indiana
Nancy Kinder, Executive Director, Eastern Indiana Development District
Jill Saegesser, Executive Director, River Hills EDD & RPC

INDOT Perspective of the Role of RPOs
Gil Viets, Deputy Commissioner and Chief of Staff, INDOT
Wednesday
March 26
Concurrent Sessions
1:30-3:00

Transportation Issues – Indiana ITE
Part I (.3 CEU)
Room: 202

Presider: Anthony Jones, President, ITE Indiana Section

Hazard Analysis Tool
Andrew Tarko, Professor of Civil Engineering,
Purdue University

STOP! A New Diagnostic Approach for Quickly Remedying the Red Light Running Safety Problem
Dan Shamo, Senior ITS Engineer, URS Corp.

3:15-4:45

Back to Basics: Estimating for Success
Part II (.3 CEU)
Room: 302

Presider: Robert Cales, Director, Contract Administration Division, INDOT

The Initial Estimate/Budget: What to Estimate First
Audra Butts, Economist, INDOT
Daniel McCoy, Highway Engineer, INDOT
Jeremy VanVleet, Highway Engineer, INDOT

Cost Estimating: A Designer’s Perspective
Allen Egilmez, Transportation Manager, United Consulting Engineers
Road School Agenda

Wednesday
March 26

Concurrent Sessions
3:15-4:45

Back to Basics: Pavement and Asset Management Part II (.3 CEU)
Room: 214A-B

Presider: David Holtz, Director, Planning Division, INDOT

Pavement Distress Identification
Raymond Ong, Post-Doctoral Associate, Purdue University

Pavement Evaluation Resources Supporting PMS Program
Samy Noureldin, Transportation Systems Section Mgr., Office of Research and Development, INDOT
William Flora, Pavement Management Engineer, INDOT

INDOT 2007 Statewide Interchange Study
Room: 206

Presider: Steve Smith, Manager, Long-Range Transportation Planning Section, INDOT

The INDOT 2007 Statewide Interchange Study is part of INDOT’s Long-Range Transportation Planning Process to conduct a needs assessment for the 354 interchanges located on the state jurisdiction system (interstate and non-interstate) plus potential new interchange locations.

This session will cover the analysis process for the interchanges, including traffic data, traffic forecasting, capacity analysis, engineering evaluation, and potential improvement development and cost estimating. The results of the study will be available by an innovative internet-based web application that will be demonstrated.

Bill Wiedelman, Project Manager, HNTB Corporation
Road School Agenda

Wednesday
March 26

Concurrent Sessions
3:15-4:45

INDOT Local Federal Aid Programs Update
Room: 218A-C
This session is repeated on Tuesday at 3:15
Presider: Dan Keefer, Quality Coordinator, FHWA Indiana Division

INDOT's New LPA Operating Procedures
Rick Whitney, Manager of Local Federal Aid Office, INDOT

How INDOT Looks at LPAs
John Jordan, Director, Local Programs Division, INDOT

The Status of LPA Administration in Indiana and Around the Country
Robert Tally, Division Administrator, FHWA Indiana Division

Maintenance Issues Part II
Room: 214C-D
Presider: Greg Ellis, Roadway Services Engineer, Vincennes District, INDOT

INDOT Work Management System: Planning and Scheduling
John Burkhardt, Management Analyst, INDOT

Pavement Preservation Timing
Todd Shields, Pavement Preservation Engineer, INDOT
Scott Trammell, Pavement Maintenance Engineer, INDOT

Environmental Maintenance Issues
Nathan Saxe, Ecology and Permits Administrator, INDOT
Road School Agenda

Wednesday
March 26

Concurrent Sessions
3:15-4:45

Road Scholar Core Course #12: Estimating
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Robert Heam, Civil Engineer, City of Baton Rouge, Louisiana

The Slope Shouldn't Have Failed...
Room: 314

Presider: Vincent Drnevich, Professor of Civil Engineering, Purdue University

This presentation will discuss a slide that occurred in a slope at the Interstate 77/Interstate 480 interchange in the spring of 2003. The slope consisted of a 60-foot ridge of natural wet silt soils capped with fill. The presentation will highlight the landslide repair consisting of excavation, installation of a significant drainage system, and replacement with compacted fill.

Pete Nix, PE, Geotechnical Engineer, DLZ Ohio, Inc.

Break Room

The Break Room, 311 Stewart Center, will be available to conference participants from 8:30 am to 4:30 pm. Free Internet service will be available to attendees at a computer kiosk this year!
Road School Agenda

Wednesday
March 26

Concurrent Sessions
3:15-4:45

Transportation Issues –Indiana ITE
Part II (.3 CEU)
Room: 202

Presider: Anthony Jones, President, ITE Indiana Section

Forgiving Highways
Michael Dreznes, Deputy Director General,
International Road Federation

Crash Data Comparing Roundabouts in Carmel to
Traditional Intersections
Michael McBride, City Engineer, City of Carmel

ITE Perspective on Transportation Safety
Alf Guebert, International President, ITE

5:30-8:00

ITE DINNER
Shively Club, Ross-Ade Stadium
Purdue University
West Lafayette

Social: 5:30
Dinner: 6:45
Program: 7:30

Speaker: Alf Guebert
ITE International President

Program: ITE Update and Presentation of
Scholarship Awards

Advance purchase of tickets required
Road School Agenda

Thursday
March 27

Association Meetings

8:00-10:00
Indiana Street Commissioners Association Meeting
Room: PMU West Faculty Lounge

Presider: Joe Ewing, Street Commissioner, City of Kokomo

Breakfast

Emergency Preparedness
David Barrabee, Senior Planner, Indiana Department of Homeland Security

Business Meeting

8:30-10:00
American Traffic Safety Services Association Meeting
Room: 318

Presider: Todd Thurston, Hoosier Company

The Indiana ATTSA Chapter meeting will focus on ATTSA's newest drive, TOWARD ZERO DEATH. The Chapter is encouraging non-members to stop by and see how ATSSA can work for you! Please visit their booth, #11, for an agenda and a New Member Packet!

City Engineers Association Meeting
Room: 322

Presider: Steve Ruble, City Engineer, City of Columbus

Business Meeting
Road School Agenda

Thursday
March 27

Association Meetings
8:30-10:00

County Auditors Association Meeting
Room: 202

Presider: Denise Chandler, Auditor, Fulton County

Approval of Minutes

Treasurer’s Report

Spring Conference Update

Kid Traks Presentation
   Jeff Tucker, Department of Child Services
   James Payne, Department of Child Services

Legislative Update

Old Business

New Business

Adjourn

County Commissioners Association Meeting
Room: 314

Presider: William Haan, Executive Director, Indiana Association of County Commissioners

Legislative Wrap-Up

Other Issues
Road School Agenda

Thursday
March 27

Association Meetings
8:30-10:00

INDOT Meeting Part I
(This session is open to the public)
Room: 302

Presider: Mark Miller, Director, Construction Management Division, INDOT

District State of the State
Michael Cline, Deputy Commissioner, District Operations, INDOT

Leadership Message
Jim Poturalski, Deputy Commissioner, Highway Management, INDOT

Pavement Smoothness Awards
Mark Miller, Director, Construction Management Division, INDOT

9:00-11:00

County Highway Engineers and Supervisors Association Meeting
Room: 214A-B

Presider: Bob Young, Highway Supervisor, LaPorte County

Business Meeting

Porous Portland Cement Concrete
Jerry Larson, Indiana Ready Mixed Concrete Association

Closing Remarks
Road School Agenda

Thursday
March 27

Association Meetings
10:15-11:45

INDOT Meeting Part II
(This session is open to the public)
Room: 302

Presider: Mark Miller, Director, Construction Management Division, INDOT

Spotlight Project: The Honda Plant Highway Improvements
Craig Parks, American Structurepoint
Gary Pence, Project Manager, INDOT

Lessons Learned
Gary Mroczka, Director, Production Management Division, INDOT

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

MARK YOUR CALENDAR FOR 2009
PURDUE ROAD SCHOOL
MARCH 10-12

HAVE A SAFE TRIP HOME!
**ROAD SCHOOL LUNCHEON**

Wednesday, March 26  
12:00 to 1:30 PM  
North & South Ballrooms  
Purdue Memorial Union

**OUR GUEST SPEAKER**

**Todd Beer**  
Retired Lt. Colonel  
U.S. Air Force

Todd was a member of the Air Force One flight team until his retirement. His travels took him around the world and he was a part of many historical missions. He flew during two Presidential campaigns, was involved in President George W. Bush’s surprise Thanksgiving visit to Baghdad, and flew during the terrorist attacks on September 11, 2001. Todd’s message includes his recollections of memorable moments aboard the world’s most recognizable aircraft and the leadership, teamwork, and dedication to excellence required to be successful.

Tickets may still be available at  
110 Stewart Center  
(Next to the Road School Registration Desk)

$19.00

We thank the following sponsors for their annual support of the Road School Luncheon!

American Concrete Pavement Association Indiana Chapter  
American Council of Engineering Companies of Indiana  
Asphalt Pavement Association of Indiana  
Indiana Construction Association  
Indiana Mineral Aggregates Association  
Indiana Ready Mixed Concrete Association

Reserved luncheon tickets will be held until 10:00 AM the day of the luncheon, at which time they will be sold to the public.

**EXHIBITOR LUNCHEON**

Tuesday, March 25  
11:30 AM to 2:00 PM  
North & South Ballrooms  
Purdue Memorial Union

All participants are invited to enjoy an extended lunch hour at this complimentary sandwich buffet provided courtesy of these participating exhibitors. Your name badge will be required for admission.

3M  
American Consulting Inc.  
Asphalt Zipper Inc.  
Beam, Longest & Neff, LLC  
Burgess & Niple, Inc.  
Christopher B. Burke Engineering  
Collins Engineers  
Contech Construction Products  
DLZ Indiana, LLC  
E. J. Prescott  
East Jordan Iron Works  
Equipment Marketing Co.  
Geotech Services  
Globe Asphalt Pavement Company  
Highway Safety Specialists  
IKO Concrete Pipe Association  
Independent Concrete Pipe Company  
Infrastructure Engineering, Inc.  
JFNew  
Lafayette Instrument Company  
MGI Traffic Control Products  
Michael Todd & Co., Inc.  
MS Consultants, Inc.  
Road Solutions, Inc.  
Rudd Equipment Company  
Seiler Instrument Company  
So-Deep, Inc.  
Specialties Company LLC  
St. Regis Culvert, Inc.  
TCD  
The Hoosier Company, Inc.  
The Reinforced Earth Company  
Traffic Control Corporation  
Traffic Signal Company  
Unique Paving Materials  
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Purdue University 94th Annual
Joint Transportation Research Program
Purdue Road School

March 25-27, 2008
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