

Conference At a Glance

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

Time	Tuesday, March 25
7:30	Road School Registration
8:30-10:00	Opening Session (Loeb Theatre)
10:15-11:45	Acquiring Right-of-Way...Not As Easy As It Looks (302) Equipment Maintenance Control and Management System (306) Financing Issues (314) Hot-Mix Asphalt for Locals (322) Indiana Quality Award Winners (310) Midwest Regional Passenger Rail System in Indiana (214 C-D) Paving Your Highway to Success: The Pitfalls of New Supervisors (214 A-B) Purchasing Equipment (318) Road Safety Issues (218 A-D) Traffic Projections (202)
11:30-2:00	Exhibitors Luncheon Purdue Memorial Union North/South Ballrooms
1:30-3:00	Controlling the Workload (310) Cooperating for Timely Utility Relocation in the Right-of-Way (218 A-D) Repair and Maintenance of Asphalt Pavement (302) Sharing the Road to Safety...Efforts in Allen County (311) Transportation Emergency Response & Security Issues (318) (Part I of a three-hour session) Back to Basics: GPS Applications (202) Environmental Issues (214 A-B) Maintenance Issues (322) Non-Traditional Uses of Materials in Fill & Soils for Stabilization (213) Project Development Process (314) Traffic Issues (214 C-D)
3:15-4:45	County Surveyors Board Meeting (318) From Dull to Dynamic: Transforming Your Presentations (310) IN-PACT Center Update (326) Live and Let Die...or Live and Let Live? (306) Repair and Maintenance of Concrete Roads and Streets (218 A-D) Repair and Maintenance of Stone and Gravel Roads (302) Tire/Pavement Noise Update (311) Value Based Team Selection (307) (Part II of a three-hour session) Back to Basics: GPS Applications (202) Environmental Issues (214 A-B) Maintenance Issues (322) Non-Traditional Uses of Materials in Fill & Soils for Stabilization (213) Project Development Process (314) Traffic Issues (214 C-D)

ROAD SCHOOL REGISTRATION

Conference At a Glance

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

Time	Wednesday, March 26
7:30	Road School Registration
8:00-12:00	County Surveyors Meeting (310)
8:00-10:00	Indiana Street Commissioners Meeting (PMU West Faculty Lounge)
8:30-10:00	Bridge and Road Plan Reading Course Overview (202) City Engineers Meeting (306) County Auditors Meeting (214 A-B) County Commissioners Meeting (314) County Highway Engineers and Supervisors Meeting (302) (Part I of a three-hour session) INDOT Meeting (218 A-D)
10:15-11:45	Round Table Discussions (PMU South Ballroom) (Part II of a three-hour session) INDOT Meeting (218 A-D)
12:00-1:15	Road School Luncheon Purdue Memorial Union North/South Ballrooms
1:30-3:00	Drainage, Drainage, Drainage (218 A-D) Engineering Assessment Process: Keys to a Solid Engineer's Report (214 A-B) (Original title-Project Scoping Process) I'm Going to Clean Your Clock!!! (214 C) Increasing the Joy, Laughter, and Fun in Business (PMU West Faculty Lounge) Rail Funds for Communities (318) Trails Across Indiana (306) (Part I of a three-hour session) Back to Basics: Hydrology (202) Back to Basics: Signals, Signing, and Lighting (302) Highway Administration and Management (310) How Do Asset Management and GIS Work Together? (314)
3:15-4:45	Achieving an Efficient Transportation Management System (218 A-D) EIS Process (306) Highway Noise Analysis...Lessons Learned (214 A-B) (Part II of a three-hour session) Back to Basics: Hydrology (202) Back to Basics: Signals, Signing, and Lighting (302) Highway Administration and Management (310) How Do Asset Management and GIS Work Together? (314)

ROAD SCHOOL REGISTRATION

3-Hour Session

Future Road School Dates

March 10-11, 2004

March 30-31, 2005

Road School Team

Road School Chairman

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

Road School Co-Coordinators

Karen Hatke, Program Coordinator, Joint Transportation Research Program, Purdue University

Tom Martin, Program Manager, Indiana LTAP, Purdue University

Road School Associates

Walt Land, Road School Liaison, INDOT

Bob McCullough, Information Technology Administrator, JTRP, Purdue University

John Habermann, Research Engineer, Indiana LTAP, Purdue University

Jerry Larson, Training Specialist, Indiana LTAP, Purdue University

Linda McCormack, Editor and Resource Specialist, Indiana LTAP, Purdue University

Jim Turley, Project Manager, Indiana LTAP, Purdue University

Marsha Mondell, Secretary, Indiana LTAP, Purdue University

Jaclyn Whiteley, Secretary, JTRP, Purdue University

Tom Robertson, Conference Coordinator, Center for Lifelong Learning, Purdue University

Transportation Graduate Research Assistants, School of Civil Engineering, Purdue University

2003 Road School Steering Committee

Lloyd Bandy, Asphalt Pavement Association

John Baxter, FHWA-Indiana Division

Christine Baynes, INDOT

Paul Berebitsky, Indiana Constructors, Inc.

Russell Brittain, INDOT

Greg Budd, HGI-LandAcq Corporation

Mike Byers, Indiana Chapter-American Concrete Pavement Assoc.

Terry Byrns, INDOT Seymour District

Rob Draper, FHWA-Indiana Division

Dale Eastin, INDOT Greenfield District

Michael Fruth, City of Greenfield

Bill Haan, Indiana Assoc. of Co. Commissioners

John Habermann, Indiana LTAP Purdue University

Karen Hatke, JTRP Purdue University

David Holtz, INDOT

Don Johnson, SQDH Purdue University

Greg Kicinski, INDOT

Walter Land, INDOT

Jerry Larson, Indiana LTAP Purdue University

Larry Lee, City of Lebanon

Jim Loew, Farrar, Garvey and Associates

Fred Mannering, Purdue University

Tom Martin, Indiana LTAP Purdue University

Bruce Mason, Indiana Mineral Aggregates Assoc.

Linda McCormack, Indiana LTAP Purdue University

Bob McCullough, JTRP Purdue University

Marsha Mondell, Indiana LTAP Purdue University

Stephanie Morse, Consulting Engineers of Indiana

Tom Morton, Indiana Association of Cities and Towns

Gary Mroczka, INDOT

Samy Noureldin, INDOT

Bob Plantenga, Tippecanoe County

Steve Powell, Ameritech

Tom Robertson, Purdue University

Steve Sherwood, Warrick County

Kumares Sinha, JTRP Purdue University

John Stephens, Wabash County

Randy Strasser, Brown County Equipment Company, Inc.

Jim Turley, Indiana LTAP Purdue University

Don Walton, Putnam County

Steve Weintraut, Butler, Fairman, Seufert

John Williams, City of Bedford

Road School Agenda

**Tuesday
March 25**

Opening Session

Room: Loeb Theatre
8:10-8:25

Musical prelude by the Purdue Musical Organizations

8:30-10:00

President: Fred Mannering, Professor and Head, School of Civil Engineering, Purdue University

Welcome and Comments

Bryan Nicol, Commissioner, INDOT

News from Washington

Richard Capka, Deputy Administrator, FHWA, Washington, DC

**Presentation of the Indiana Partnership
for Highway Quality Awards**

Richard Smutzer, Chief Engineer, INDOT

John Baxter, Administrator, FHWA Indiana Division

Concurrent Sessions

10:15-11:45

Acquiring Right-of-Way...Not As Easy As It Looks

Room: 302

President: Greg Budd, President, HGI-Landacq Corporation

Federal Funding Considerations

Ken Woodruff, Realty/Civil Rights Specialist, FHWA Indiana Division

**Do's and Don't's of Assessing Needs of Projects
vs. Property Owners**

Kevan McClure, Chief, INDOT Land Acquisition Division

Right-of-Way Coordination Timeline

Jay Vorisek, The Schneider Corporation

State/Federal vs. Local and Cost Reduction Suggestions

Skip Tennacour, HGI-Landacq Corporation

Virginia Smith, Supervisor, State and Local Contracts Unit,
INDOT Land Acquisition Division

Road School Agenda

**Tuesday
March 25**

Concurrent Sessions

10:15-11:45

Equipment Maintenance Control and Management System

Room: 306

Demonstration of the INDOT Maintenance Control and Management System mainframe computer system that tracks all INDOT equipment maintenance items

Bill Tompkins, Operations Support Engineer, INDOT Seymour District

Debbie Hommel, Equipment Management Specialist, INDOT

Operations Support Division

Otis Carter, Equipment Systems Analyst, INDOT Operations Support Division

Financing Issues

Room: 314

Presider: Richard Whitney, Deputy Commissioner and Chief Financial Officer, INDOT

- A discussion of the Federal Fiscal Year 2003 sharing agreement between state and local agencies and the rules that apply to use and amount, as well as TIP's and INSTIP's and local financial reports
- The latest information regarding federal reauthorization for transportation and examples of "different" project financing opportunities

Gary Eaton, Chief, INDOT Budget and Fiscal Management Division

Laurie Maudlin, Chief, INDOT Fiscal Policy and Federal Affairs Division

Richard Whitney, Deputy Commissioner and Chief Financial Officer, INDOT

Break Room

The Break Room, 206 Stewart Center, will be available to conference participants on Tuesday and Wednesday, from 8:30-11:30 a.m. and 1:30-4:30 p.m.

Road School Agenda

**Tuesday
March 25**

Concurrent Sessions

10:15-11:45

Hot-Mix Asphalt for Locals

Room: 322

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

"New" Maintenance Mix for Locals - 4.75 mm

V. Lee Gallivan, Pavement and Materials Engineer, FHWA
Indiana Division

HMA Guide Specifications for Locals

Brad Cruea, Milestone Contractors

Design/Approval of LPA Projects Chapter 52

Dave Andrews, Materials Engineer, INDOT Materials & Tests Division

Indiana Quality Award Winners

Room: 310

Presider: Kate Quinn, Assistant Administrator, FHWA Indiana Division

Interested in what goes into a project to make it an Indiana Quality Award winner? Plan to attend this informative review by the winners announced in the Opening Session.

Midwest Regional Passenger Rail System in Indiana (High-Speed Rail)

Room: 214 C-D

The proposed high-speed rail project in Indiana offers significant conveniences for improving the way Hoosiers will travel in the 21st century. Attend this session to hear how high-speed rail is progressing in our state.

W. Dennis Hodges, Founding Officer and Executive Director,
Indiana High Speed Rail Association

Paving Your Highway to Success: The Pitfalls of New Supervisors

Room: 214 A-B

This interactive workshop will help you to better establish your presence as a supervisor. You will learn how to apply proven techniques in the important supervisory skills—motivating, delegating, coaching, and counseling.

Dan Lybrook, Professor, Organizational Leadership, Purdue University

Road School Agenda

**Tuesday
March 25**

Concurrent Sessions

10:15-11:45

Purchasing Equipment

Room: 318

Presider: Steve Sherwood, County Engineer, Warrick County

Buy, Bid, or Quote an Overview of Bid Requirements

Sue Beesley, Attorney at Law, Bingham and McHale

How to Write Specifications

Randy Strasser, Sales Representative, Brown Equipment Co., Inc.

Who is Really the Low Bidder? (The LTAP Bid Evaluation Process)

Tom Martin, Program Manager, Indiana LTAP, Purdue University

Road Safety Issues

Room: 218 A-D

Presider: John Habermann, Research Engineer, Indiana LTAP, Purdue University

Indiana LTAP Road Safety Review Project

Joe Fletcher, Project Manager, Indiana LTAP, Purdue University

A Web-Based Tool for Identifying Road Hazards

Andrzej Tarko, Associate Professor, School of Civil Engineering, Purdue University

Inform-Direct-Protect: Road Hazard Avoidance Techniques

Todd Thurston, The Hoosier Company

Traffic Projections

Room: 202

This session will present a general overview of how and why INDOT does traffic projections. It will also give attendees insight to improve its traffic projection practices.

Rebecca Black, Senior Forecast Technician, INDOT Program Development Division

Road School Agenda

**Tuesday
March 25**

Concurrent Sessions

11:30-2:00

Exhibitors Luncheon

Purdue Memorial Union North/South Ballrooms

All participants are invited to enjoy an extended lunch hour at the sandwich buffet provided free of charge by the participating exhibitors.

Your name badge is required for admission.

1:30-3:00

CEU Back to Basics: GPS Applications Part I .3 CEU

Room: 202

GPS General Applications

B.H.W. van Gelder, Associate Professor, School of Civil Engineering, Purdue University

Controlling the Workload

Room: 310

Too much work, too little control, too many deadlines, and too many conflicting demands: evaluate how the sheer volume of your workload causes stress and take control with new skills in prioritizing tasks and time management.

Branna Smith, Worklife Manager, Purdue University

Cooperating for Timely Utility Relocation in the Right-of-Way

Room: 218 A-D

Presider: Paul Berebitsky, Director/Government Relations, Indiana Constructors, Inc.

CCC: Making the Effort Works! (a video presentation)

INDOT's Utility Coordination Process

Matt Thomas, Highway-Utility Manager, INDOT Design Division

The Utility Perspective

Scott Albertson, Director of Technical Services, Vectren, Inc.

The Contractor Perspective

J. Steve Blair, President, Feutz Contractors, Inc.

How Partnering Can Minimize Relocation Problems

Steve Schneider, President, White Knight Services

Road School Agenda

**Tuesday
March 25**

Concurrent Sessions

1:30-3:00

Environmental Issues Part I

Room: 214 A-B

Presider: Lynn Corson, Director, Clean Manufacturing Technology Institute, Purdue University

Storm Water Rules Update

Lori Gates, Storm Water Coordinator, Indiana Department of Environmental Management

INDOT's Planned Implementation of New Storm Water Rule and BMP

Tom Duncan, Environmental Engineer, INDOT Environment, Planning, and Engineering Division

Maintenance Issues Part I

Room: 322

Presider: Terry Byrns, Operations Engineer, INDOT Seymour District

Update on INDOT Maintenance Quality Assurance Program

Bob McCullouch, Research Scientist, Purdue University

Roadside Trash Pick-Up and Toxic Waste Control

Mike Hougland, Safety Coordinator, INDOT Seymour District
Mike Rivers, Highway Maintenance Supervisor, INDOT Seymour District

Options for Road Kill Disposal

Bill Jarvis, Operations Support Engineer, INDOT Seymour District

Non-Traditional Uses of Materials in Fill & Soils for Stabilization Part I

Room: 213

Presider: Greg Kicinski, Design-Build Projects Manager, INDOT Contracts and Construction Division

Lime Stabilization in Fill Material

Doug McPherson, Vice-President, Mount Carmel Sand & Gravel

Road School Agenda

**Tuesday
March 25**

Concurrent Sessions

1:30-3:00

Project Development Process Part I

Room: 314

Every project in one way or another follows a similar project development process from its start to its finish. Long-range planning; planning-level environmental impact; programming evaluation; project-level environmental impact; project scoping; project design; right-of-way acquisition; permit approval; utility and railroad coordination; bid award; and construction are some of the major steps and this session presents an overview of the typical INDOT project life-cycle.

David Holtz, Chief, INDOT Program Development Division
Chris Baynes, Project Manager, INDOT Contracts and Construction Division

Repair and Maintenance of Asphalt Pavement

Room: 302

Presider: Jay Longenecker, Sales Representative, Asphalt Materials, Inc.

Crack Sealing

Chris Oakes, Pavement Solutions

Innovative Preventive Maintenance

Joe Kindler, Maintenance Engineer, KMS & Associates

Micro-Surfacing/Slurry Seal

Chris Oakes, Pavement Solutions

Sharing the Road to Safety...Efforts in Allen County

Room: 311

Presider: Connie Szabo Schmucker, Executive Director, Indiana Bicycle Coalition, Inc.

In the past 18 months, Allen County has had far more than its share of bicycle fatalities on its roads. This panel will discuss how public officials and citizens of this community have become involved in addressing the issues of sharing the road safely.

Sharon Repka, President, Ronald G. Repka Foundation, Inc.
Mike Fitch, Executive Director, Allen County Highway Department
Loren Kravig, Deputy Director, Northeastern Indiana Regional Coordinating Council
Charles Bash, Attorney, Indiana Bicycle Coalition,
Northern Indiana Regional Director

Road School Agenda

**Tuesday
March 25**

Concurrent Sessions

1:30-3:00

Transportation Emergency Response & Security Issues

Room: 318

President: Jim Turley, Project Manager, Indiana LTAP, Purdue University

Emergency Management - A Case Study by the City of Indianapolis: A Panel Discussion

Steve Robertson, Director of Emergency Management Division

Pat Carroll, Deputy Director of Operations

Don McMorrine, Emergency Management Consultant

Karl Jacobs, Administrator of Strategic Planning

John Burkhardt, Administrator of Maintenance Services

Overview of the Purdue Homeland Security Institute

Dennis Engi, Professor and Director, Homeland Security Institute,
Purdue University

Traffic Issues Part I .3 CEU

Room: 214 C-D

*President: Jim Loew, President, Institute of Transportation Engineers,
Indiana Section*

Non-Invasive Loop Detection

Heinrich Bantli, 3M-Intelligent Transportation Systems

Coordination of the I-70 Fast Track Project

John Myers, Senior Project Manager, Parsons Brinckerhoff

Lighting Design for the I-70 Fast Track Project

Rick Hensley, Transportation Engineer, Edwards & Kelcey

Break Room

The Break Room, 206 Stewart Center, will be available to conference participants on Tuesday and Wednesday, from 8:30-11:30 a.m. and 1:30-4:30 p.m.

Road School Agenda

**Tuesday
March 25**

Concurrent Sessions

3:15-4:45

Back to Basics: GPS Applications Part II .3 CEU

Room: 202

Measuring Basic Traffic Data Using GPS-Trek and Using GPS-Trek Data in Transportation Studies

Karen Zhu, Systems Analyst, INDOT Research Division

Shuo Li, Traffic Safety Research Engineer, INDOT Research Division

Yi Jiang, Assistant Professor, School of Technology, Purdue University

County Surveyors Board Meeting

Room: 318

From Dull to Dynamic: Transforming Your Presentations

Room: 310

Whether you speak in public rarely or often, you will gain valuable ideas from this program to improve your next speech. Learn about dealing with stage fright, building a strong beginning and ending, organizing your thoughts, keeping an audience's attention, and handling a question and answer session effectively.

Josh Boyd, Assistant Professor, School of Communications, Purdue University

IN-PACT Center Update

Room: 326

This session will provide you with the details and answer your questions regarding implementation of the INDOT IN-PACT Center and the new requirements for obtaining funds. There will also be a demonstration of how to electronically submit the FA form.

*B. J. Bischoff, Director, Public Sector Services,
Crowe Chizek and Company, LLP*

*Vaneeta Kumar, Deputy Commissioner of Planning and
Intermodal Transportation, INDOT*

Live and Let Die...or Live and Let Live?

Room: 306

President: John Scheidler, Legal Counsel, Cinergy Corporation

A Panel Discussion of Current and Emerging "Hot" Utility Acquisition Issues

Mike Howard, Legal Counsel, Hamilton County

Rich Harrell, Manager, Area Engineering, Cinergy Corporation

Matt Knight, Bridge Program Manager, Hamilton County

Road School Agenda

**Tuesday
March 25**

Concurrent Sessions

3:15-4:45

Environmental Issues Part II

Room: 214 A-B

Presider: Lynn Corson, Director, Clean Manufacturing Technology Institute, Purdue University

Post-Construction Stormwater BMP Applications

Drew Bender, Director of Engineering, JF New & Associates

Planning with Power (Linking Land Use Decisions and Planning to Watershed Natural Resources Planning)

Jon Cain, Extension Educator, Ag and Natural Resources, Hendricks County, Purdue Extension

Maintenance Issues Part II

Room: 322

Presider: Terry Byrns, Operations Engineer, INDOT Seymour District

Road Weather Information Systems (RWIS)

Dennis Belter, Program Support Manager, INDOT Operations Support Division

Salt Brine for Anti-Icing/De-Icing

Tom Konieczny, Operations Engineer, INDOT LaPorte District

Vegetation Management

Clyde Mason, Landscape Supervisor, INDOT Greenfield District
David Lamb, Landscape Specialist, INDOT Operations Support Division

Non-Traditional Uses of Materials in Fill & Soils for Stabilization Part II

Room: 213

Presider: Greg Kicinski, Design-Build Projects Manager, INDOT Contracts and Construction Division

The Use of Recyclable Materials in the Construction of Roads & Highways

Bob McCullough, Research Scientist, School of Civil Engineering, Purdue University
David Ward, Section Engineer/Manager, INDOT Research Division

Project Development Process Part II

Room: 314

Continued from earlier afternoon session

Road School Agenda

**Tuesday
March 25**

Concurrent Sessions

3:15-4:45

Repair and Maintenance of Concrete Roads and Streets

Room: 218 A-D

Presider: Larry Lee, Street Commissioner, City of Lebanon

Come to this session to learn about today's best practices in repairing and maintaining our trusty, old concrete roads and streets.

Mike Byers, Executive Director, Indiana Chapter, American Concrete Pavement Association

Repair and Maintenance of Stone and Gravel Roads

Room: 302

Presider: Scott Tilden, Highway Supervisor, Fulton County

Common Sense and Rocks

Tom Busch, Engineering Aggregates Corporation

Stabilizing with Geo-Synthetics

Santino Piccoli, Contech Products

Tire/Pavement Noise Update

Room: 311

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

Fundamentals of Tire/Pavement Interaction Noise on Highways

Robert Bernhard, Professor and Director of Safe, Quiet, Durable Highways Institute, Purdue University

Porous Concrete Pavement and Concrete Pavement with Inclusions

W. Jason Weiss, Assistant Professor, School of Civil Engineering, Purdue University

The Effectiveness of Noise Barriers

Luc Mongeau, Associate Professor, School of Mechanical Engineering, Purdue University

Road School Agenda

**Tuesday
March 25**

Concurrent Sessions

3:15-4:45

Traffic Issues Part II .3 CEU

Room: 214 C-D

Presider: Jim Loew, President, Institute of Transportation Engineers, Indiana Section

Intersection Design Toolbox

Patrick Hasson, Safety and Operations Team Leader,
FHWA Midwest Resource Center

MOT-Best Practices in the U.S.

Steve Hofener, ITE International President-Elect

Value Based Team Selection

Room: 307

The Indiana Qualifications Based Selection (QBS) Coalition will be sharing personal testimonies, a video, and a Power-Point presentation on the best process for selecting your next consultant/professional to be on your team.

Steve Craney, State Facilitator, QBS Coalition

5:30-8:00

ITE Dinner

The Trails Banquet Facility

Social: 5:30 p.m.

Dinner: 6:45 p.m.

Program: 7:30 p.m.

Speaker: Steve Hofener, International President-Elect, ITE

Program: ITE Update

Presentation of the Scholarship Awards

Tickets: Matt Thomas, INDOT, mthomas@indot.state.in.us,
317-232-5308

Visit the ITE website: www.indianaite.org

Road School Agenda

**Wednesday
March 26**

Association Meetings

8:00-12:00

County Surveyors Meeting

Room: 310

Presider: John Stephens, Wabash County

8:00-8:15

Breakfast provided by Christopher B. Burke LTD

8:15-9:15

Filter Strips and Erosion Control

Randy Braun, Chief, Stormwater and Sediment Control, IDNR

368 Form Review

Mike Neyer, Director, Division of Water, IDNR

George Bowman, Assistant Director, Division of Water, IDNR

9:15-10:00

HARN Update

Tom Mahon, Surveying/GPS Group Manager, Woolpert LLP

10:00-10:15

BREAK

10:15-11:45

Business Meeting and Legislative Update

8:00-10:00

Indiana Street Commissioners Meeting

Room: PMU West Faculty Lounge

Presider: Duwayne Phillips, Town of Brownsburg

8:00 a.m. Breakfast

Business Meeting

Points to Consider When Choosing Anti-Icing
and De-Icing Chemicals

John Habermann, Research Engineer, Indiana LTAP, Purdue University

8:30-10:00

Bridge and Road Plan Reading Course Overview

Room: 202

This CD course will be available for purchase at a "Road School discounted price of \$50.00."

Bob McCullouch, Information Technology Administrator,
Joint Transportation Research Program, Purdue University

Road School Agenda

**Wednesday
March 26**

Association Meetings

8:30-10:00

INDOT Meeting Part I

Room: 218 A-D

Presider: Richard Smutzer, Chief Engineer, INDOT

Indiana-Kentucky Cable Stay Bridge Construction Project
David McDowell, Resident Engineer, Owensboro District, Kentucky
Transportation Cabinet

Smoothness Awards

Tim Bertram, Chief, INDOT Contracts and Construction Division

City Engineers Meeting

Room: 306

Presider: Michael Fruth, City of Greenfield

Business Meeting

County Auditors Meeting

Room: 214 A-B

Presider: Patti Smith, Fountain County

Business Meeting

County Commissioners Meeting

Room: 314

*Presider: Bill Haan, Executive Director, Indiana Association
of County Commissioners*

Business Meeting

County Highway Engineers and Supervisors Meeting

Room: 302

Presider: Steve Sherwood, Warrick County

Business Meeting

How to Specify Hydraulic Equipment for Trucks and the Importance of Bid Spec Writing

Walt Breach, Force America
Mark Deutsch, Force America

Road School Agenda

**Wednesday
March 26**

Association Meetings

10:15-11:45

INDOT Meeting Part II

Room: 218 A-D

Presider: Richard Smutzer, Chief Engineer, INDOT

"Revive 65" Update

Todd Listerman, Construction Engineer, INDOT Seymour District
Marvin Stoner, Area Engineer, INDOT Seymour District
Paul Boone, Project Engineer, INDOT Seymour District
James Culbertson, Project Engineer, INDOT Seymour District
Rob Moran, Project Engineer, INDOT Seymour District
Steve Taylor, Project Engineer, INDOT Seymour District
Mark Urban, Associate Vice President, HNTB Corporation

Round Table Issues

Room: PMU South Ballroom

(Facilitators available for each round table are as noted)

Review of Local and State Programs

Bruno Canzian, Local Transportation Manager,
INDOT Program Development Division
Carter Keith, Program Manager,
INDOT Program Development Division

INDOT Long-Range Plan and Program

Steve Smith, Manager of Long-Range Planning,
INDOT Environment, Planning, and Engineering Division

Rigid Pavements

Mike Byers, Executive Director,
American Concrete Pavement Association, Indiana Chapter

Flexible Pavements

Lloyd Bandy, Executive Director,
Asphalt Pavement Association of Indiana

Right-of-Way

Charlie Alvey, Bernardin Lochmeuller Associates
Steve Powell, SBC Ameritech

Wheel Tax

Tom Martin, Program Manager, Indiana LTAP, Purdue University

Road Inventory

Kirk Mangold, Highway Statistics Manager,
INDOT Program Development Division

Road School Agenda

**Wednesday
March 26**

Concurrent Sessions

12:00-1:15

Road School Luncheon

Purdue Memorial Union North/South Ballrooms

Master of Ceremonies

Bryan Nicol, Commissioner, INDOT

Invoker

David Ziegler, Commissioner, Fountain County

Guest Speaker

Dr. Stuart Robertshaw, aka Dr. Humor, Professor Emeritus, University of Wisconsin-LaCrosse and Founder of the National Association for the Humor Impaired

1:30-3:00

Back to Basics: Hydrology Part I .3 CEU

Room: 202

This session will discuss the beginning concepts of run-off, along with providing a demonstration of various methods for computing peak discharges.

Merril Dougherty, Hydraulics Engineering Supervisor, INDOT Design Division

David Finley, Engineer, CTE Engineers

Back to Basics: Signals, Signing, and Lighting Part I .3 CEU

Room: 302

Presider: Gary Mroccka, Design Manager, INDOT Design Division

This session will provide a comprehensive look at the basics of signal, signing, and lighting design for state projects. All designers are encouraged to attend.

Lighting

Sharig Husain, Lighting Design Engineer, INDOT Design Division

Signals

Prakash Patel, Signal Design Engineer, INDOT Design Division

Signing

Pankaj Patel, Sign Design Engineer, INDOT Design Division

Road School Agenda

**Wednesday
March 26**

Concurrent Sessions

1:30-3:00

Drainage, Drainage, Drainage

Room: 218 A-D

A Primer on Base Flood Elevations and Their Determinations
Leonard A. Noens, P.E., Senior Water Resources Engineer, Christopher B. Burke Engineering Ltd.

Engineering Assessment Process: Keys to a Solid Engineer's Report

Room: 214 A-B

This session will outline the Engineering Assessment process and discuss the secrets of generating a concise, defensible, and functional Engineer's Report.

Brad Steckler, Manager, Engineering Assessment Section, INDOT Environment, Planning, and Engineering Division

Highway Administration and Management Part I

Room: 310

Presider: Michael Goering, Commissioner, Washington County

GASB Update

Buzz Krohn, O. W. Krohn CPA

Reading and Understanding the Indiana Code
Jerimi Ullom, Attorney, Barnes & Thornburg

How Do Asset Management and GIS Work Together? Part I .3 CEU

Room: 314

Lauren Tracy, GIS Program Specialist, The Schneider Corporation
Andrew Harrison, GIS Project Manager, The Schneider Corporation
Tom Sturmer, Transportation Project Manager, The Schneider Corporation
Steve Moore, Public Works Specialist, The Schneider Corporation
Becky Tamashasky, Midwest Representative, Azteca Systems
Jason Hooten, GIS-Mapping Sales, Seiler Instruments

Break Room

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Road School Agenda

**Wednesday
March 26**

Concurrent Sessions

1:30-3:00

I'm Going to Clean Your Clock!!!

Room: 214 C

Perhaps you've heard these angry words or similar from an employee. You will learn reliable "post 9-11" information in this session about your legal rights as an employer when violence occurs in your workplace. Topics will include surveillance, employee searches, and review of employee e-mails and computer use.

Leo Litowich, Attorney at Law, Nantz, Litowich, Smith & Girard

Increasing the Joy, Laughter, and Fun in Business

Room: PMU West Faculty Lounge

Participants will hear the psychological and physiological benefits of humor and will be guided by Dr. Stuart Robertshaw as they work in teams to develop a list of strategies and activities they can implement to increase the joy, laughter, and fun in their work environments.

Dr. Stuart Robertshaw, Founder of the National Association for the Humor Impaired

Rail Funds for Communities

Room: 318

Presider: Brett Cating, Highway Director, Montgomery County

State Grants for Passive Railroad Crossing Improvements

Mike Scime, Rail Section Manager, INDOT

Indiana State Police Rail Crossing Safety Program

Venetta Hollifield Keefe, Rail Project Manager, INDOT

Donald Farris, Master Trooper, Indiana State Police

Trails Across Indiana

Room: 306

*Presider: Steve Morris, Streams and Trails Chief,
Indiana Department of Natural Resources*

Ten Questions About Urban Greenways

Greg Lindsey, Ph.D., Director, Center for Urban Policy and the Environment, IUPUI

Lessons from the Trails in Indianapolis

Ray Irvin, Administrator of Bikes and Greenways, Indianapolis Greenways

Road School Agenda

**Wednesday
March 26**

Concurrent Sessions

3:15-4:45

Achieving an Efficient Transportation Management System

Room: 218 A-D

Benefits, Objectives, and Types of Local Transportation Planning

Josh Lantz, AICP, Project Planner, Bonar Group

The Basics of Data Collection & Management for Planning and Reporting

Joel Holloway, Head, Bonar Group

Data Management Case Studies:

a) Pavement Management

Tim Brown, Town Manager, Town of Cedar Lake

b) Sidewalk & Curb Ramp Management

Anthony Shively, Street Commissioner, City of Valparaiso

CEU Back to Basics: Hydrology Part II .3 CEU

Room: 202

Continued from earlier afternoon session

CEU Back to Basics: Signals, Signing, and Lighting Part II .3 CEU

Room: 302

Continued from earlier afternoon session

EIS Process

Room: 306

All INDOT projects must be in compliance with all relevant environmental laws and regulations. This session will give an overview of INDOT's environmental process and its best practices.

Janice Osadczuk, Chief, INDOT Environment, Planning, and Engineering Division

Steve Smith, Manager, Long-Range Planning, INDOT Environment, Planning, and Engineering Division

Jim Juricic, Environmental Assessment Manager, INDOT Environment, Planning, and Engineering Division

Road School Agenda

**Wednesday
March 26**

Concurrent Sessions

3:15-4:45

Highway Administration and Management Part II

Room: 310

Presider: Michael Goering, Commissioner, Washington County

Design-Build: What's Legal, What's Not, and Why Not?

Brian Long, Senior Associate, H. J. Umbaugh & Associates

Your Local Road Inventory

Tom Martin, Program Manager, Indiana LTAP, Purdue University

Highway Noise Analysis-Lessons Learned

Room: 214 A-B

*Presider: Bill Steinmetz, Vice President, Environmental Planning,
MS Consultants, Inc.*

Design of Noise Barriers

Mike Johnston, MS Consultants, Inc.

**Modeling: Preliminary Development, Final Design, and
Post Construction**

Karel Cubick, Noise Analyst, MS Consultants, Inc.

Aesthetic Considerations in Barrier Selection

Elvin Pinckney, Noise/Air Coordinator, Ohio Department of
Transportation, Office of Environmental Services

Interaction of Barrier Placement with Design Elements

Bill Steinmetz, Vice President, Environmental Planning,
MS Consultants, Inc.

How Do Asset Management and GIS Work Together? Part II .3 CEU

Room: 314

Continued from earlier afternoon session

A Salute to John McLaughlin



Many distinguished persons have served as chairmen of the Purdue Road School during its 89-year life, and in 2003 we honor Road School's chairman from 1958 to 1969, Professor Emeritus John F. McLaughlin.

Professor McLaughlin spent his entire career at Purdue University, earning both his MSCE and PhD

in Civil Engineering in 1953 and 1957 respectively. Now retired, he continues to reside near the Purdue West Lafayette campus. His area of interest was Pavement Materials Engineering, and Professor McLaughlin was active in teaching and research during that exciting period of transportation history when great strides were made in the design and construction of our nation's expanding highway system. His contributions were in the field of concrete technology, particularly concrete properties, the use of mineral aggregates, and construction codes and standards.

He also provided leadership in civil engineering education as head of Purdue's School of Civil Engineering from 1968 to 1978 and then beyond Civil to the Schools of Engineering where he served first as Associate Dean and then as Interim Dean during the period 1979 through 1995. Before becoming head of the School of Civil Engineering, he served as the head of the newly established Transportation Engineering area as well.

Professor McLaughlin was Director of the Joint Highway Research Project, now the Joint Transportation Research Program (JTRP), from 1968 to 1978 and served on its Advisory Board for over 30 years. Instrumental also in the establishment of the Highway Extension and Research Project for Indiana Counties and Counties (HERPICC), he served as its Assistant Director from 1959 to 1968.

We therefore salute John McLaughlin at this 89th Purdue Road School for over 40 years of dedicated service to highway research, education, and practice in Indiana, especially for carrying on the Road School tradition as its chairman for over a decade!

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