Conference Proceedings
of the
94th Annual
Purdue Road School
March 25-27, 2008

CHAIRMEN

Kumares C. Sinha
Olson Distinguished Professor, School of Civil Engineering
Director, Joint Transportation Research Program

and

Jon D. Fricker
Professor, School of Civil Engineering
Board Member, Indiana Local Technical Assistance Program

PROGRAM COORDINATORS

Karen S. Hatke
Program Coordinator
Joint Transportation Research Program

John A. Habermann
Program Manager
Indiana Local Technical Assistance Program

Purdue University
West Lafayette, Indiana

Engineering Extension Series
No. 179
Purdue University

Purdue University is one of the 68 land-grant colleges and universities that owe their origin to the Land-Grant Act of 1852, otherwise known as the Morrill Act. Three years after the act’s passage, the General Assembly of Indiana voted to begin preliminary plans for a school devoted primarily to the agricultural and mechanical arts.

In 1869, the Assembly voted to accept a gift of land and money from John Purdue and other generous Lafayette citizens, and, in appreciation, declared the name of the new institution to be Purdue University. The University is assisted by state appropriations, with support by federal grants and corporate and individual contributions.

Actual instruction began in 1874 with 39 students and a faculty of six. Today, Purdue University enrolls more than 65,000 students at the following locations:

- West Lafayette
- Calumet (Hammond)
- Indiana University-Purdue University Fort Wayne
- Indiana University-Purdue University Indianapolis
- North Central (Westville)
- plus 11 School of Technology statewide delivery system locations

Instruction is organized through the schools of Agriculture, Consumer and Family Sciences, Education, Liberal Arts, Management, Pharmacy, Nursing, Health Sciences, Science, Technology; and Veterinary Medicine; and through the College of Engineering, the Graduate School, and Departments as follows:

<table>
<thead>
<tr>
<th>College of Engineering Schools</th>
<th>Departments</th>
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<td>Aeronautics and Astronautics</td>
<td>Agricultural and Biological Engineering</td>
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<td>Construction Engineering and Management</td>
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<tr>
<td>Civil</td>
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<td>Electrical and Computer</td>
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<td>Nuclear Engineering</td>
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</table>

Extensive research programs are maintained by nearly all academic areas of the University. The Cooperative Extensive Service, through the county agents, services the entire state. A variety of courses are offered through the conferences program and continuing education services sponsored by the University.
The College of Engineering

at

Purdue University

Graduate degrees are offered in the fields of aeronautics and astronautics and interdisciplinary engineering studies, and in agricultural, chemical, civil, electrical, industrial, mechanical, materials, and nuclear engineering.

Research activities in these fields are conducted as a part of the program of graduate instruction with students participating under the direction of their professors. The programs of graduate research and education in the engineering schools are increasingly concerned with the fundamentals of the physical sciences and mathematics, as the engineering profession faces increasing responsibilities for dealing with problems whose solutions lie at the frontiers of knowledge.
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2008 Road School Speakers

**A New Way of Doing Business**

Greg Kicinski  
Manager, Office of Project Management  
INDOT  
317-234-1534  
gkicinski@indot.in.gov

**ABCs for Local Highway and Street Officials**

Eric Rader  
Roadway Inventory Supervisor  
INDOT  
317-232-5482  
wrader@indot.in.gov

Kirk Mangold  
Program Director, Traffic Monitoring Section  
INDOT  
317-233-3690  
kmangold@indot.in.gov

**Asphalt Pavement for Local Governments**

Brad Cruea  
Quality Control Manager  
Milestone Contractors, L.P.  
317-788-6885  
brad.cruea@milestonelp.com

Dave Andrewski  
Manager, Office of Pavement Engineering  
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dandrewski@indot.in.gov

Laurie Maudlin  
Vice President  
APPIAN  
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lmaudlin@appianadvisors.com

Scott Trammell  
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317-234-5665  
strammell@indot.in.gov

Todd Shields  
Pavement Preservation Engineer  
INDOT  
317-233-3345  
tshields@indot.in.gov

**Back to Basics: Bridge Design and Inspection**

Robert J. Connor  
Assistant Professor  
Purdue University  
765-496-8272  
rconnor@purdue.edu

**Back to Basics: Common Geometric Design Problems and Solutions**

Chris Rops  
Project Director - Engineering  
HNTB  
317-636-4682  
crops@hntb.com

Christina Colon  
Project Manager  
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317-636-4682  
ccolon@hntb.com

Dave McDougall  
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317-636-4682  
dmcdougall@hntb.com

Erica Pugh  
HNTB Indiana, Inc.  
317-636-4682  
epugh@hntb.com

Jennifer Gains  
HNTB Indiana, Inc.  
317-636-4682  
jgoins@hntb.com
Back to Basics: Estimating for Success

Allen R. Egilmez, P.E. Transportation Department Manager United Consulting 317-895-2585 allene@ucindy.com
Audra Butts Economist INDOT 317-234-5142 abutts@indot.in.gov
Dan Stickney Construction Cost Manager INDOT 317-234-4759 dstickney@indot.in.gov
Daniel McCoy Highway Engineer INDOT 317-233-3943 dmccoy@indot.in.gov
Jeremy VanVleet Highway Engineer INDOT 317-232-5231 jvanvleet@indot.in.gov
Ken Simonson Chief Economist Associated General Contractors of America 703-837-5313 simons.onk@agc.org

Back to Basics: Pavement and Asset Management

Bill Flora Pavement Management Engineer INDOT 317-535-5674 wflora@indot.in.gov
Joyce Stone Pavement Management Engineer INDOT 317-234-5726 JStone@indot.in.gov
Raymond Ong Postdoctoral Research Associate Purdue University 765-494-2255 ongr@purdue.edu
Samy Noureldin Transportation Systems Research Section Manager INDOT 765-463-1521 snoureldin@indot.in.gov

Back to Basics: Utility Coordination

Gail Lee Highway Utility Engineer INDOT 317-232-5208 glee@indot.in.gov
Joe Gundersen Senior Utility Engineer INDOT 317-234-5199 jgundersen@indot.in.gov
Matt Thomas Utility/Railroad Manager INDOT 317-232-5308 mthomas@indot.in.gov

Back to Basics: Work Zone Safety…the New Rule

David Boruff Work Zone Program Engineer INDOT 317-232-5222 dboruff@indot.in.gov
Pat McCarty Supervisor of Work Zone Safety Section INDOT 317-234-5114 jmccarty@indot.in.gov
Rick O. Drumm Safety Engineer FHWA Indiana Division 317-226-7487 rick.drumm@fhwa.dot.gov

Chip Seal Best Practices

Scott Shuler Associate Professor Colorado State University 720-289-2153 scott.shuler@colostate.edu

Tuesday, May 20, 2008
### Creating and Maintaining Your Community's Identity

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Organization</th>
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<tbody>
<tr>
<td>Aaron Lyons</td>
<td>Street Department</td>
<td>City of Delphi</td>
<td>765-564-2353</td>
<td><a href="mailto:street@cityofdelphi.org">street@cityofdelphi.org</a></td>
</tr>
<tr>
<td>Randy Strasser</td>
<td>Mayor</td>
<td>City of Delphi</td>
<td>765-564-3039</td>
<td><a href="mailto:mayor@cityofdelphi.org">mayor@cityofdelphi.org</a></td>
</tr>
<tr>
<td>Raymie Eckerle</td>
<td>Street Commissioner</td>
<td>City of Jasper</td>
<td>812-482-1130</td>
<td><a href="mailto:streetdept@ci.jasper.in.us">streetdept@ci.jasper.in.us</a></td>
</tr>
<tr>
<td>Todd Zeiger</td>
<td>Director, Northern Regional Office</td>
<td>Historic Landmarks Foundation of Indiana</td>
<td>574-232-4534</td>
<td><a href="mailto:tzeiger@historiclandmarks.org">tzeiger@historiclandmarks.org</a></td>
</tr>
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### CSS: Being More Responsive to Your Stakeholders

<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td>Jeanette Wilson</td>
<td>Local Federal-Aid Special Projects</td>
<td>INDOT</td>
<td>317-232-5496</td>
<td><a href="mailto:jwilson@indot.in.gov">jwilson@indot.in.gov</a></td>
</tr>
<tr>
<td>Jill Palmer</td>
<td>Project Manager</td>
<td>The Schneider Corporation</td>
<td>317-826-7129</td>
<td><a href="mailto:jpalmer@schneidercorp.com">jpalmer@schneidercorp.com</a></td>
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### Emerging Concrete Pavement Technologies

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<tr>
<td>Ashley Frantz</td>
<td>Promotion Manager</td>
<td>IRMCA</td>
<td>812-340-2323</td>
<td><a href="mailto:afrantza@irmca.com">afrantza@irmca.com</a></td>
</tr>
<tr>
<td>Christopher R. Tull, PE</td>
<td>Owner</td>
<td>CRT Concrete Consulting, LLC</td>
<td>317-270-4428</td>
<td><a href="mailto:christull@sglobal.net">christull@sglobal.net</a></td>
</tr>
<tr>
<td>Jerry Larson</td>
<td>Promotions Manager</td>
<td>Indiana Ready Mixed Concrete Association</td>
<td>317-872-6302</td>
<td><a href="mailto:jlarson@irmca.com">jlarson@irmca.com</a></td>
</tr>
<tr>
<td>Jessica J. Clark, PE</td>
<td>St. Joseph County Engineer</td>
<td>St. Joseph County Dept. of Public Works</td>
<td>574-235-9626</td>
<td><a href="mailto:jclark@co.st-joseph.in.us">jclark@co.st-joseph.in.us</a></td>
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### Erosion Control on Construction Sites

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<tr>
<td>Janice Osadczuk</td>
<td>Planning and Environmental Specialist</td>
<td>FHWA Indiana Division</td>
<td>317-226-7486</td>
<td><a href="mailto:janice.osadczuk@fhwa.dot.gov">janice.osadczuk@fhwa.dot.gov</a></td>
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<tr>
<td>Michelle Allen</td>
<td>Manager, Office of Environmental Services</td>
<td>INDOT</td>
<td>317-232-5135</td>
<td><a href="mailto:mballen@indot.in.gov">mballen@indot.in.gov</a></td>
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<tr>
<td>Richard Phillabaum</td>
<td>Permit Manager</td>
<td>INDOT</td>
<td>317-233-5151</td>
<td><a href="mailto:rphillabaum@indot.in.gov">rphillabaum@indot.in.gov</a></td>
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### Financing Issues

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<tr>
<td>Bernie M. Seel</td>
<td>Chief Financial Officer &amp; Deputy Commissioner</td>
<td>INDOT</td>
<td>317-232-1472</td>
<td><a href="mailto:bseel@indot.in.gov">bseel@indot.in.gov</a></td>
</tr>
<tr>
<td>Gary G. Eaton</td>
<td>Director of Budget, Procurement and Project Accounting</td>
<td>INDOT</td>
<td>317-232-5643</td>
<td><a href="mailto:geaton@indot.in.gov">geaton@indot.in.gov</a></td>
</tr>
<tr>
<td>Mark Newland</td>
<td>Financial Manager</td>
<td>FHWA Indiana Division</td>
<td>317-226-7482</td>
<td><a href="mailto:mark.newland@fhwa.dot.gov">mark.newland@fhwa.dot.gov</a></td>
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**Freight Corridors of the Future... Freight Mobility**

<table>
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<tr>
<td>Don Sansone</td>
<td>Director Supply Chain</td>
<td>Red Gold</td>
<td>765-754-7527</td>
<td><a href="mailto:dsansone@redgold.com">dsansone@redgold.com</a></td>
</tr>
<tr>
<td>Kate Quinn</td>
<td>Team Leader</td>
<td>FHWA</td>
<td>202-366-4241</td>
<td><a href="mailto:kate.quinn@dot.gov">kate.quinn@dot.gov</a></td>
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<tr>
<td>Keith J. Bucklew</td>
<td>Director of Freight Mobility</td>
<td>INDOT</td>
<td>317-233-2376</td>
<td><a href="mailto:KBucklew@indot.in.gov">KBucklew@indot.in.gov</a></td>
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**Greening Your Fleet**

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<tr>
<td>Kellie Walsh</td>
<td>Executive Director</td>
<td>Central Indiana Clean Cities Alliance (CICCA)</td>
<td>317-985-4380</td>
<td><a href="mailto:klwcicca@aol.com">klwcicca@aol.com</a></td>
</tr>
<tr>
<td>Larry Speicher</td>
<td>Fleet Account Executive</td>
<td>General Motors North Central Region</td>
<td>630-778-4941</td>
<td><a href="mailto:larry.d.speicher@gm.com">larry.d.speicher@gm.com</a></td>
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**Highway Administration and Management 101 for Local Officials**

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<tr>
<td>Charlie Pride</td>
<td>Supervisor-Cities and Towns</td>
<td>State Board of Accounts</td>
<td>317-232-2521</td>
<td><a href="mailto:cpride@sboa.in.gov">cpride@sboa.in.gov</a></td>
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<tr>
<td>Dan Bastin</td>
<td>Settlement Director</td>
<td>Auditor of State</td>
<td>317-232-3309</td>
<td><a href="mailto:dbastin@auditor.in.gov">dbastin@auditor.in.gov</a></td>
</tr>
<tr>
<td>Debra Gibson</td>
<td>County Supervisor</td>
<td>State Board of Accounts</td>
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<tr>
<td>Tammy White</td>
<td>County Office Supervisor</td>
<td>State Board of Accounts</td>
<td>317-232-2512</td>
<td><a href="mailto:twhite@sboa.in.gov">twhite@sboa.in.gov</a></td>
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**Indiana Street Commissioners Meeting**

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<tr>
<td>David Barrabee</td>
<td>Senior Homeland Security Planner</td>
<td>Indiana Dept. Homeland Security</td>
<td>317-233-6116</td>
<td><a href="mailto:dbarrabee@dhs.in.gov">dbarrabee@dhs.in.gov</a></td>
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**INDOT 2007 Statewide Interchange Study**

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<tbody>
<tr>
<td>Bill Wiedelman</td>
<td>Principal Engineer</td>
<td>HNTB Corporation</td>
<td>317-636-4682</td>
<td><a href="mailto:wwiedelman@yahoo.com">wwiedelman@yahoo.com</a></td>
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**INDOT Local Federal Aid Programs Update**

<table>
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<tbody>
<tr>
<td>Bob Tally</td>
<td>Division Administrator</td>
<td>FHWA Indiana Division</td>
<td>317-226-7476</td>
<td><a href="mailto:Robert.Tally@dot.gov">Robert.Tally@dot.gov</a></td>
</tr>
<tr>
<td>John Jordan</td>
<td>Director, Local Programs Division</td>
<td>INDOT</td>
<td>317-232-0682</td>
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</tr>
<tr>
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</tr>
</tbody>
</table>
INDOT Meeting

Craig Parks  Project Development Director  American Structurepoint, Inc.  317-547-5580  cparks@structurepoint.com
Gary Kreutzjans  Project Engineer  INDOT-Seymour District
Gary Pence P.E.  Project Management Engineer  INDOT  317-232-5198  gpence@indot.in.gov
Ike DeBurger  Project Engineer  INDOT-Seymour District
Jim Poturalski  Deputy Commissioner, Highway Management  INDOT  317-234-0410  jpoturalski@indot.in.gov
Mark Miller  Director of Construction Management  INDOT  317-232-5456  mrmill@indot.in.gov
Mike Cline  Deputy Commissioner of Operations  INDOT  317-232-5523  mcline@indot.in.gov
Tom Estes  CSA Design Coordinator, Honda Project  Global Performance  812-222-0250

INDOT Planning Organizational Changes

David Holtz  Director, Integrated Planning Division  INDOT  317-233-1524  dholtz@indot.in.gov

Integrated Solutions for Transportation

Dan DeLaurentis  Assistant Professor/Aeronautics & Astronautics  Purdue University
Sam Labi  Asst. Professor  Purdue University  765-494-5926  labi@ecn.purdue.edu
Srinivas Peeta  Director, NEXTRANS Center and Professor of Civil Engineering  Purdue University  765-496-9729  peeta@purdue.edu

Leadership as an Attitude

Rodney Vandeveer  Professor  Purdue University  765-494-6804  vandevee@purdue.edu

Listen to Me!!

Branna M. Smith  WorkLife Manager  Purdue WorkLife Programs  765-496-3084  branna@purdue.edu
Maintenance Issues

Andrew Carter  Field Engineer  INDOT - Vincennes  812-830-9042  acarter@indot.in.gov
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Janie Chenault  Paoli Operations Manager  INDOT  812-723-3184  jchenault@indot.in.gov
John Burkhardt  Management Analyst  INDOT  317-234-4758  jburkhardt@indot.in.gov
Sarah McKeown  Environmental Scientist  INDOT  317-234-4915  smckeown@indot.in.gov
Scott Trammell  Pavement Maintenance Engineer  INDOT  317-234-5665  strammell@indot.in.gov
Steve Rininger  Vincennes District Liaison  INDOT  812-895-7334  srininger@indot.in.gov
Todd Shields  Pavement Preservation Engineer  INDOT  317-233-3345  tshields@indot.in.gov

Major Moves…on the Move!

Greg Kicinski  Manager, Office of Project Management  INDOT  317-234-1534  gkicinski@indot.in.gov

MPO Issues

Jerry Bridges  Executive Director  Madison County Council of Governments  765-641-9482  jbridges@mccog.net
Trent Pell  GIS Coordinator  Madison County Council of Governments  765-641-9482  tpell@mccog.net

Native Plants…the Good, the Bad, the Ugly

Neil Diboll  President  Prairie Nursery  608-429-3004  ndiboll@prairienursery.com

Opening Session

Karl Browning  Commissioner  INDOT  317-232-5525  kbrowning@indot.in.gov
Robert A. DeHaan  Deputy Assistant Secretary  Department of Transportation  robert.dehaan@dot.gov

Our Future is Full of Risk

Jon Schans  Transportation Specialist  FHWA  202-366-9071  jon.schans@dot.gov
### Road Scholar Core Course #11: Plan Reading

<table>
<thead>
<tr>
<th>Name</th>
<th>Title/Position</th>
<th>Organization</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bob McCullouch</td>
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<tr>
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</tr>
<tr>
<td>Michael Eichenauer</td>
<td></td>
<td>Butler Fairman &amp; Seufert</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phil Kuntz</td>
<td>Vice President</td>
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</tr>
</tbody>
</table>

### Road Scholar Core Course #12: Estimating Construction Costs and Quantities

<table>
<thead>
<tr>
<th>Name</th>
<th>Title/Position</th>
<th>Organization</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

### RPOs...What Are They and How Can They Help You?

<table>
<thead>
<tr>
<th>Name</th>
<th>Title/Position</th>
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<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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</tr>
</tbody>
</table>

### Safety Issues: Traffic Safety on a Restricted Budget

<table>
<thead>
<tr>
<th>Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Brad Steckler</td>
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<tr>
<td>Mike Holowaty</td>
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</tr>
</tbody>
</table>

### Show Me the Money!

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Rosemary Petersen</td>
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</tr>
<tr>
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</tbody>
</table>
Signal Timing Maintenance

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Lenny Addair  Assistant Administrator  City of Indianapolis  317-327-2935  laddair@indygov.org

Successful Native Planting...Location, Location, Location

Mark O'Brien  Vice President JFNew Native Plant Nursery  JFNew  574 586-2412  mobrien@jfnew.com
Ryan Allison  Unit Manager, N. Indiana  JFNew  574-586-2412  rallison@jfnew.com

The Silent Killer

Bill Haan  Executive Director  Indiana Association of County Commissioner  765-538-2577  IACC@Bill-Haan.com
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Stephanie Yager  Commissioner  Brown County Commissioners  812-988-2341  yager07@sbcglobal.net

The Slope Shouldn’t Have Failed...

Pete Nix  Geotechnical Engineering/Drilling Manager  DLZ Ohio, Inc.  614-888-0040  pnix@dlz.com

Transportation Issues - Indiana ITE

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Mike McBride  Director of Engineer  City of Carmel  317-571-2441  mmcbride@carmel.in.gov
Urban Issues I

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Davey Resource Group  
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Urban Issues II

Philip McGrath  
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PubWorks / Tracker Software Corp.  
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When Disaster Strikes...How to Respond!

Larry Thompson  
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City of Nappanee  
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Tom Sorel  
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FHWA Minnesota Division  
651-291-6102  Tom.Sorel@fhwa.dot.gov

Wayne Scheumann  
Superintendent Streets & Sanitation/Parks & Rec.  
City of Nappanee  
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Whitesell Cemetery Relocation

Christopher Koeppel  
Administrator, Cultural Resources Section  
INDOT  
317-232-5161  ckoeppel@indot.in.gov

Ryan Peterson  
Senior Archaeologist  
AMEC Earth & Environmental  
317-713-1700  ryan.peterson@amec.com
2008 Purdue Road School Planning Meeting
August 10, 2007

First Row: Joe Novak, Paul Berebitsky, Tom Robertson, Jim Olson, Gary Eaton, KD Benson, John Haddock, Jason Weiss
Second Row: Rob Roberts, John Habermann, Kumares Sinha, Walt Land, Gary Mroczka, Bill Haan, Barry K. Partridge
Third Row: Eric Conklin, Dan Keefer, Jerry Bridges
Fourth Row: William Flora, Tommy Nantung, Eryn Fletcher, David Whitworth, Jodi Coblentz, Karen Hatke, Shelley Haney, Jon Fricker, Bob McCullough, Greg Ellis
Fifth Row: Mike Byers, Wes Shaw, Lisa Weicker, Phil Beer
MAJOR NEW/RECONSTRUCTION – URBAN
Project Name; SR 37 Marion County
Owner: INDOT
Contractor: Reith-Riley Construction Co., Inc.
Designer: FPBH, Inc.
First row: Mark Miller, Robert Williams, Von Luhmann, Barry Mosier, John Tuddy, Colby King, Bob Tally;
Second row: James Culbertson, Rodney Lemke, Jeff Frayman, Bernie Hauersperger
NEW / RECONSTRUCTION – RURAL
Project Name – Industrial Park Drive
Owner: City of Portland
Contractor: LICA Construction
Designer: The Schneider Corporation
Mark Miller, Bruce Hosier, Mark LeFever, Jeff Harker, Chris Ogg, Bob Tally
PAVEMENT / URBAN
Project Name: R & S 90701/3-1 Breman Highway Rehab
Owner/Designer: St. Joseph County
Contractor: Reith-Riley Construction Co., Inc.
Mark Miller, Marc Diamente, Todd Gosc, Chris Weinkauf, Jamie Czarnecki, Bob Tally
PAVEMENT / RURAL
Project Name: SR 265 Pavement Replacement and Drainage Correction
Owner: INDOT
Contractor: Dave O'Mara Construction
Designer: Earth Tech

First row: Mark Miller, Bradley Miller, Jon Wick, Becky Gross, Rob O'Mara, Robert Williams, Jeff Fuller
Second row: Michael Preboske, Bryan Royalty, Bob Tally
Project Name: Rehabilitation of Carroll County Bridge No. 132
Contractor: Wirtz and Yates
Designer: Butler, Fairman and Seufert, Inc.
First row: Mark Miller, George Wells, Jon Sera, Francis Yates, Bob Tally
Second row: Larry Wirtz, Loren Hylton, Ron Francis, Steve Weintraut
SPECIAL PROJECTS / UNDER $2,000,000
Project Name: R-29388 – Nappanee Bike/Pedestrian Facilities
Owner: City of Nappanee and INDOT
Contractor: Reith-Riley Construction Co., Inc.
Designer: Landplan Group, Inc. and INDOT
First row: Mark Miller, Todd Gosc, Dave Weadock, Jim Keefer, Chris Weinkauf, Larry Thompson, Denny Cobb, Bob Tally;
Second row: Kevin McCrory, Jamie Czarnecki, Mike Koch, Wayne Scheumann, Ron Bacewic, Marc Diamente
Cover/Introduction

2008 Purdue Road School Steering Committee

2008 Official Purdue Road School Program

2008 Purdue Road School Attendance History

2008 Road School Speaker Contact List

Asphalt Pavement for Local Governments
Dave Andrewski
Laurie Maudlin
Todd Shields/Scott Trammell

Back to Basics: Estimating for Success
Audra Butts/Dan McCoy/Jeremy VanVleet
Kenneth Simonson

Back to Basics: Pavement and Asset Management
Samy Noureldin/William Flora/Joyce Stone/Raymond Ong
Asset Management Overview
Pavement Distress Identification – Jointed Concrete Pavements
Pavement Distress Identification – Asphalt Pavements
Pavement Evaluation Resources Supporting PMS Program
Best Use of PMS Program Information

Back to Basics: Utility Coordination
Joe Gundersen
Gail Lee

Chip Seal Best Practices
Scott Shuler

CSS: Being More Responsive to Your Stakeholders
Jill Palmer

Emerging Concrete Pavement Technologies
Christopher Tull

Financing Issues
Mark Newland

Freight Corridors of the Future…Freight Mobility
Donald Sansone

Highway Administration and Management 101 for Local Officials
Dan Bastin
Tammy White
INDOT 2007 Statewide Interchange Study  
William Wiedelman

INDOT Planning Organization Changes  
David Holtz

Integrated Solutions for Transportation  
Samuel Labi

Leadership as an Attitude  
Rodney Vandeveer

Native Plants…the Good, the Bad, the Ugly  
Neil Diboll

Maintenance Issues  
John Burkhardt  
Todd Shields/Scott Trammell

Opening Session  
IPHQ Award Photos

Signal Timing Maintenance  
Gregory Richards

The Silent Killer…and the Irreplaceable Role of County Commissioners  
Jim Olson/Jodi Coblentz

Urban Issues I  
Jim Farr