

86th Annual Purdue Road School

March 21 & 22, 2000

Stewart Center • Purdue University



www.ecn.purdue.edu/JTRP/road_school/

Directory of Officials

Purdue University

Office of the President
President..... Steven C. Beering

Schools of Engineering
Dean Richard J. Schwartz

School of Civil Engineering
Head Vincent P. Drnevich

Joint Transportation Research Program
Director Kumares C. Sinha
Program Coordinator Karen S. Hatke
Information Technology
Administrator Bob G. McCullouch

Local Technical Assistance Program
Faculty Representative/Professor Charles F. Scholer
Program Manager Thomas C. Martin

United States Department of Transportation Federal Highway Administration

United States Department of Transportation
Secretary of Transportation Rodney E. Slater
Deputy Secretary Mortimer L. Downey

Federal Highway Administration
Administrator Kenneth R. Wykle
Deputy Administrator (acting) Dr. Walter L. Sutton, Jr.
Executive Director Anthony R. Kane

FHWA Midwestern Resource Center
Director A. George Ostensen

Indiana Division Office
Administrator John R. Baxter

Assistant Division Administrator William R. Gary White
Transportation Administrative Manager Carl R. Sanders

Financial Specialist Jay D. DuMontelle
Program Operations Engineer Rick O. Drummt
Div. Pavement/Materials Engineer Victor L. Gallivan
Design Engineer Edward K. Ratulowski
ITS Engineer Dennis D. Lee
Safety Engineer Karen L. Mathis
Division Bridge Engineer Keith E. Hoernschmeyer
Field Operations Engineer Valdis V. Straumins
Field Operations Engineer Anthony M. DeSimone
Field Operations Engineer Shelby Matt Fuller

Planning & Program Development Mgr. Lawrence M. Heil
Transportation Community Planner Joyce E. Newland
Research & T² Engineer Donald G. Johnson
Environmental Specialist Robert E. Dirke
Division Right-of-Way Officer Frank E. Cinfel
Transportation Specialist Carl N. Jacobson

US DOT Federal Motor Carrier Safety Administration,
State Director Kenneth D. Strickland

Directory of Officials

Indiana Department of Transportation

Executive Offices
Office of the Commissioner (317) 232-5525
Commissioner Cristine M. Klika
Administrative Assistant Gayle Ream

Office of Communications
and Legislative Affairs (317) 232-5505
Director Kathy Noland

Office of Chief Counsel (317) 232-5012
Chief Counsel (acting) William Huff

Office of Chief Engineer/Highway Operations (317) 232-5529
Chief Engineer Donald W. Lucas
Chief Engineer (acting) Firooz Zandi
Secretary Betty Michl
Deputy Director of Highway Operations J. Bryan Nicol

Office of Finance and Administration (317) 232-1472
Deputy Commissioner &
Chief Financial Officer Rick Whitney

Office of Planning and Intermodal
Transportation (317) 232-5535
Deputy Commissioner Steve Cecil

Division Offices
Accounting and Control Division (317) 232-5358
Chief Tony Hedge

Civil Rights Division (317) 232-5088
Chief Charlotte Leavell

Contract and Construction Division (317) 232-5502
Chief Tim Bertram
Field Engineering
Bridge Engineer Don Leonard
Field Construction Engineer Greg Pankow
Field Construction Engineer Dennis Kuchler
Field Construction Engineer Rick Yunker

Design Division (317) 232-5502
Chief Phelps Klika
Plan Development Managers Tom Seeman, Hasmukh Patel,
John Jordan, Mary Jo Hamman
Engineering Services Manager Steve Hull
Speciality Project Group Section Manager Gary Mroczka

Human Resources Division (317) 232-5181
Chief Janey Trout

Information Services Division (317) 232-5527
Chief James Nugent

Multi-modal Transportation Division (317) 232-1495
Chief Larry Goode

Local Transportation Section (317) 232-5391
Section Manager Bruno Canzian
Area Engineer Robert Rhodes
Area Engineer Steve Dilk
Agreements Supervisor Marka Wildman

Directory of Officials

Engineering Assistant Sally Chesney
Claims Technical Connie Siebenthal
Internal Affairs Division (317) 232-5321
Chief Jerry Grant
Internal Audit Section, Supervisor Ed King
Safety Section, Supervisor Calvin Lee
Land Acquisition Division (317) 232-5001
Chief Kevan L. McClure
Legal Division (317) 232-5012
Chief Legal Counsel (acting) William Huff
Program Coordinator Jodi Williams
Materials and Tests Division (317) 232-5280
Chief Richard K. Smutzer
Operations Support Division (317) 232-0410
Chief Jim Poturalski
Highway Support
Highway Support Manager Mike Bowman
Traffic Specialist Frank Vukovits
Landscape/Hazardous Materials Specialist David Lamb
Field Engineering
Field Traffic Engineer Gary Bowser
Field Traffic Engineer Larry Rust
Field Traffic Engineer Carl Tuttle
Field Maintenance Engineer Tony McClellan
Field Maintenance Engineer Bill Rinard
Field Maintenance Engineer Mike Long
ITS Program Engineer Dan Sham0
Policy and Budget Division (317) 232-5643
Chief Gary Eaton
Environment, Planning, and
Engineering Division (317) 232-5468
Chief Janice Osadcuk
Program Development Division (317) 232-5458
Chief John Weaver
Highway Statistics Manager (acting) Alan Curson
Pavement Management Engineer William Flora
Congestion-Safety Management Engineer John Nagle
Bridge Management Engineer Jaffar Golkhajeh
Public Affairs Division (317) 232-5533
Chief Kathy Noland
Public Information Office Manager Roger Manning
Research Division (317) 463-1521
Chief Barry Partridge
Roadway Research Section Engineer Vacant
Pavement, Materials, Accelerated
Testing Section Engineer Tommy Nantung
Applied/Environmental Section, Engineer David R. Ward

District Offices
Crawfordsville District Director Elmo Gonzalez
Fort Wayne District Director N. John Passey
Greenfield District Director Bradley Davis
LaPorte District Director William Proud

Directory of Officials

Seymour District Director Joe Hall
Vincennes District Director Jerry Russell
Toll Road District Director Mike Puro

Governor's Council on Impaired and Dangerous Driving - Indiana Office of Traffic Safety

Director Jerry McCory
Program Director Charlotte A. Ashburn
Program Manager Alicia Gahimer

Associations

American Public Works Association

President John Caton, Indianapolis
Vice President Penny Howard-Myers, Bloomington
Secretary Carl P. Littrell, South Bend
Treasurer John Leszczynski, South Bend
Indiana Delegate Charles F. Scholer, Indiana LTAP

Association of Indiana Counties, Inc.

President Greg Beumer, Randolph County
1st Vice President Margaret Tucker, Owen County
2nd Vice President John Zentz, Marshall County
3rd Vice President Alan Cassidy, Perry County
Treasurer Karen Large, Miami County
Executive Director Matt Brooks

Consulting Engineers of Indiana

President Judith G. Congdon, P.E.
Vice President Steven J. Fehribach, P.E.
Secretary Keith London, P.E.
Treasurer Philip D. Beer, II, P.E., L.S.
ACEC National Director Keith D. Downey, P.E., L.S.
Executive Director Stephanie Morse

Indiana Association of Cities and Towns

President Jim Acton, Mayor, Lebanon
1st Vice President Dave Heath, Mayor, Lafayette
2nd Vice President Marilyn Morrison,
Clerk-Treasurer, Warren
Executive Director Michael J. Quinn

Indiana Association of County Commissioners

President William Sipes, Green County
Vice President Karen Pennington, Spencer County
Secretary Jack McComb, Allen County
Treasurer Janie Craig Chenault, Lawrence County
Executive Director Bill Haan

Indiana Association of County Highway Engineers and Supervisors

President Jerry Larson, Tipton County
Vice President John Crist, LaGrange County
Secretary/Treasurer Scott Tilden, Fulton County

Directory of Officials

Indiana Constructors, Inc.

President..... Cheryl Enflehart, Hoosier Co.
Government Relations Paul Berebitsky
Executive Director Charles V. Kahl

Indiana County Auditors Association

President..... James Murphy, Porter County
1st Vice President Sharon Duke, Knox County
2nd Vice President Vernon Jewell, Bartholomew County
Treasurer Patty Smith, Fountain County
Secretary Rita Steele, Jasper County

Indiana County Surveyors Association

President..... Jeffrey French, Ripley County
Northern Vice President John Stephens, Wabash County
Central Vice President..... Lynette Pletch, Clinton County
Southern Vice President Jeff Stenger, Dearborn County
Secretary-Treasurer Doug Lechner, Johnson County
Director Kent Ward, Hamilton County

Indiana Street Commissioners Association

President..... Larry Lee, Lebanon
1st Vice President Gary Warren, Brazil
2nd Vice President Doug Anderson, Angola
3rd Vice President..... Dwayne Phillips, Brownsburg
Membership Directory. John Schnadenburg, Chesterton
Secretary-Treasurer Don Crain, Logansport

Institute of Transportation Engineers - Indiana Section

President..... Michael Cline, Indianapolis
Vice President..... David Henkel, Indianapolis
Treasurer Paul Satterly, Indianapolis
Secretary Russell Brittain, Indianapolis
Director Rachel Duncan, Indianapolis

Road School Agenda

**Tuesday
March 21**

General Session

8:30-10:00 a.m.

Room: Loeb Theatre

*President: Kumares Sinha,
Co-Chairman, Purdue Road School,
& Director, Joint Transportation Research Program,
Purdue University*

Your Transportation Personality... Understanding Why Stakeholders'

Transportation Interests Differ
Cristine Klika, Commissioner, INDOT

Partnering: Issues and Answers
John Horsley, Executive Director, AASHTO

Concurrent Sessions

GIS as a Management Tool

10:15-11:45

Room: 302

*President: John Burkhardt, Administrator,
Maintenance Support, Department of Public Works,
City of Indianapolis*

City Perspective

David Mockert, Administrator, City of Indianapolis/
Marion County GIS

Gary Vandegriff, Administrator, Street Maintenance
Operations, Department of Public Works,
City of Indianapolis

John Burkhardt, Administrator, Maintenance
Support, Department of Public Works,
City of Indianapolis

County Perspective

Larry Stout, PE, GIS Manager, Hamilton County

State Perspective

Dean Munn, Long-Range Planning Working Leader,
Pre-Engineering and Environment Division, INDOT

Road School Agenda

**Tuesday
March 21**

Concurrent Sessions

Transportation 2000...Not Just Highways Anymore

10:15-11:45

Room: 214 A-B

Presider: Larry Goode, Chief, Intermodal Division, INDOT

Indiana High Speed Rail

Dr. Tim Watson, Board Member, Indiana High Speed Rail Association, an Indiana not-for-profit corporation

The Benefits of Aviation And Local Airports

Maria Muia, Aviation Section Manager, INDOT

Safety Issues

10:15-11:45

Room: 322

Presider: John Nagle, Safety/Congestion Management Engineer, Roadway Management Division, INDOT

Road Safety Audits

Patrick Hasson, Safety Engineer, FHWA Midwestern Resource Center

Traffic Records Improvements

Bob Zahnke, Director, Automotive Transportation Center, Purdue University

The Three "E"s of Operation Lifesaver

Tom Kinser, State Coordinator, Indiana Operation Lifesaver

Road School Agenda

**Tuesday
March 21**

Concurrent Sessions

MUTCD Update

10:15-11:45

Room: 314

Presider: Frank Vukovits, Traffic Specialist Engineer, Operation Support Division, INDOT

Status of Updates

Robert Somers, Indiana Local Government Representative, Traffic Control Materials, 3M Company

Comparison of Indiana and Federal MUTCD

Tom Martin, Program Manager, Indiana LTAP

Sign and Pavement Marking

Retro-Reflectivity Standards

Cathy Satterfield, Geometric Design and Safety Engineer, FHWA Midwestern Resource Center

Exhibitors Luncheon

11:30 a.m. - 2:00 p.m.

North/South Ballrooms
Memorial Union

You are cordially invited to a complimentary lunch, courtesy of the vendors, in the Exhibit Hall in the Purdue Memorial Union North and South Ballrooms. Take time to eat and view the commercial exhibits and displays.

Your name badge is required.

Break Room

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

Road School Agenda

**Tuesday
March 21**

Concurrent Sessions

Listening for Success

1:30-3:00 p.m.

Room: 302

Learn the basic principles and techniques needed to become an active listener and an understanding communicator professionally and personally.

A.J. Koss and Stefanie Toth, Facilitators, Innovative Training & Consulting

Railroad Crossing Improvements

1:30-3:00 p.m.

Room: 320

Presider: Steve Hull, Engineering Services Manager, Design Division, INDOT

INDOT Policy for Railroad Crossings

Steve Hull, Engineering Services Manager, Design Division, INDOT

Fiber-Reinforced Concrete Railroad Crossings

Charles Scholer, Professor of Civil Engineering, Purdue University

Use of Locomotive Horns at Highway-Rail

Grade Crossings

Alan Hallstrom, Chief Inspector, Federal Railroad Administration

Federal and State Rail Updates

Tim Sanders, Director, Northwest Indiana Office of Senator Richard Lugar

10

Road School Agenda

**Tuesday
March 21**

Concurrent Sessions

Contracting and Construction Issues

1:30-4:30 p.m.

Room: 214 A-B

Presider: Richard Smutzer, Chief, Materials & Tests Division, INDOT

Flowable Mortar Update

Richard Smutzer, Chief, Materials & Tests Division, INDOT

Kurt Somer, Materials & Tests Engineer, INDOT Crawfordsville District

Mark Smith, Director of Promotion, Indiana Ready-Mixed Concrete Association

Mark Williams, Indiana Ready-Mixed Concrete Association

QC/QA Superstructure Concrete for the Year 2000
Tony Zander, Quality Assurance Engineer, Materials & Tests Division, INDOT

Use of Expanded Polystyrene (EPS) as Lightweight Fill for Bridge Approach Abutments

Athan Khan, Chief Geotechnical Engineer, Materials & Tests Division, INDOT

BREAK 3:00-3:15 p.m.

Flowable Fill Demonstration at US 231 construction site in West Lafayette

This is a bus trip that requires pre-registration.

Break Room

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11

Road School Agenda

Road School Agenda

**Tuesday
March 21**

**Tuesday
March 21**

Concurrent Sessions

Concurrent Sessions

CEU **Traffic Issues/Institute of Transportation Engineers - 3 CEU**

CEU **Back to Basics: Erosion and Sediment Control - 3 CEU Credit**

1:30-4:15 p.m.

1:30-4:30 p.m.

Room: 314

Room: 306

Presider: David Henkel, PE, PTOE, President, Indiana Section ITE, and Transportation Engineer, Pflum, Klausmeier & Gehrum Consultants, Inc.

Presider: Merril Dougherty, Hydraulics Engineering Supervisor, Design Division, INDOT
Randy Braun, CPESC, CPSS, Chief, Stormwater and Sediment Control, IDNR Division of Soil Conservation
Douglas Wolf, CPESC, CPSS, Stormwater Specialist, IDNR Division of Soil Conservation

The Professional Traffic Operations Engineer Certification Program

Bob Rodgers, PE, PTOE, Principal, Orth-Rodgers & Associates, Inc., Philadelphia, PA, and ITE International President

Revive 65: Indiana's Interstate Improvement Program

Mark Urban, PE, Transportation Department Manager, HNTB Corp.

Kathleen Partlow, Project Manager, Doe-Anderson Consultants, Inc.

Operation of Closed Loop Signal Systems

Darcy Bullock, Associate Professor, School of Civil Engineering, Purdue University

Aggressive Driving and You

Sgt. Mike Burns, Indiana State Police

Indianapolis Regional ITS Deployment

Jay Wasson, ITS Operations Engineer, INDOT

Part I: Construction Site Issues

Break 3:00 to 3:15 p.m.

Part II: Plan Design Issues

CEU **Environmental Issues -3 CEU**

1:30-4:30 p.m.

Room: 322

Presider: Phyllis Hockett, Manager, Environmental Services, Engineering, Environment and Planning Division, INDOT

Phase II Storm Water Developments

Lori Gates, Stormwater Coordinator, Office of Water Management, IDEM

Opportunities for Wetlands Waste Water Treatment at Transportation Facilities

Jim New, President and Founder, J.F. New & Associates, Wetlands Scientists and Environmental Engineers

Break 3:00 to 3:15 p.m.

Brownfields Update

Loring Nies, Assistant Professor of Civil Engineering, Purdue University

Deer Composting

Bill Kocher, Manager, INDOT-Winamac Subdistrict
Al Baillieul, Crew Leader, Unit 2, Rochester, INDOT-Winamac Subdistrict

Road School Agenda

**Tuesday
March 21**

ITE Dinner

5:45 to 8:00 PM

The Trails Banquet Facility

Social: 5:45 to 6:45

Dinner: 6:45 to 7:30

Program: 7:30 to 8:00

Speaker: Bob Rodgers, PE, PTOE, International President, ITE

Topic: "ITE in the 21st Century"

Tickets must be purchased from Paul Satterly at HNTB Corp., 317/636-4682

Visit the ITE website at www.indianaite.org

Break Room

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

14

Road School Agenda

**Wednesday
March 22**

Associations Meetings

County Highway Engineers and Supervisors Meeting

8:30-10:00

Room: 306

Presider: Jerry Larson, President, IACHES

Business Meeting

County Auditors Meeting

8:30-10:00

Room: 318

Presider: James Murphy, President, ICAA

**Personal Property Tax Reduction Credit
Excise Tax**

Dan Bastin, Account/Settlement Director,
Office of State Auditor

Legislative Update

AIC Legislative Representative

County Commissioners Meeting

8:30-10:00

Room: 202

Presider: William Sipes, President, IACC

**Spring Mill
Legislative Update**

Current Events

Indiana Street Commissioners Meeting

8:30-10:00

Room: 310

Presider: Larry Lee, President, ISCA

Liability Issues

Richard Potter, Attorney; Stephson, Daly, Morrow, and Furnick

**Business Meeting
Annual Conference Issues**

15

Road School Agenda

**Wednesday
March 22**

Associations Meetings

County Surveyors Meeting

8:30-4:30

Room: 314

Presider: Jeff French, President, ICSA

8:30 Breakfast

Provided by Midstates Engineering, Brian Catlin

9:00 Overview of the Lake County Stormwater Management Program

George Van Til, Lake County Surveyor

9:30 History of the Indiana County Surveyor's Office and Duties

Doug Lechner, Johnson County Surveyor

10:00 BREAK

10:15 Business Meeting

1. Old Business
2. New Business
3. Legislation
4. Indiana GIS Initiative Update - County Surveyor Support
5. Round Table
 - a. County Surveyor's Duties as Plan Commissioner Member
 - b. Corner Perpetuation Fund - How It Can Be Used
 - c. County Road ROW Determination

11:45 Lunch

1:30 Indiana Phase II Clean Water Act
Burke Engineering

3:00 Break

3:15 Indiana Phase II Clean Water Act (Continued)

4:30 Adjourn

Road School Agenda

**Wednesday
March 22**

Associations Meetings

INDOT Meeting

8:30-11:45

Room: 302

Presider: Firooz Zandi, Acting Chief Engineer, INDOT

I-465 & Emerson Avenue Interchange Project

Tom Seeman, Design Development Section Manager,
Design Division, INDOT

Gary Mroczka, Specialty Projects Group Manager,
Design Division, INDOT

Greg Kicinski, Project Engineer, INDOT
Greenfield District

Video Camera Inspection System

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

Smoothness Awards

Tim Bertram, Chief, Contracts and Construction
Division, INDOT

BREAK 10:00-10:15 p.m.

Performance Related Specifications for Concrete Pavement

Tommy Nantung, Pavement and Materials Engineer,
Research Division, INDOT

Richard Smutzer, Chief, Materials and Tests Division, INDOT

Timothy Bertram, Chief, Contracts and Construction
Division, INDOT

Jason Weiss, Assistant Professor of Civil Engineering,
Purdue University

INDOT Long-Range Research Focus Groups

Barry Partridge, Chief, Research Division, INDOT

Kumares Sinha, Director, Joint Transportation Research
Program, Purdue University

Don Johnson, Technology Transfer Engineer,
FHWA/Indiana Division

Road School Agenda

**Wednesday
March 22**

Associations Meetings

City Engineers Meeting

8:30-10:00

Room: 311

Presider: Kate Boyle-Weese, City Engineer, City of Carmel

Discussion of City Engineers Association
Organizational Effort

County Issues Round Table

10:15-11:45

Room: 218 A - D

Presider: Bill Haan, Executive Director, IACC

This will be a facilitated open discussion of issues of interest to county officials, including commissioners, auditors, engineers, and supervisors. Following is a tentative list of topics and facilitators.

Highway Funding

Charlie Alvey, Project Coordinator, Bernardin,
Lochmueller Associates

Bridge Inspection and Load Rating

Tom Martin, Program Manager, Indiana LTAP

Historic Bridges

Jim Cooper, Professor Emeritus and Bridge Historian,
DePauw University

Consultant Selection Procedures

Bruno Canzian, Local Transportation Manager,
Intermodal Division, INDOT

Federal Aid

Carter Keith, Programming Section Manager, Roadway
Management Division, INDOT

Transportation Planning and Programming

Charles Scholer, Professor of Civil Engineering,
Purdue University

Road School Agenda

**Wednesday
March 22**

Associations Meetings

City Issues Round Table

10:15-11:45

Room: 214 A - B

Presider: Jim Acton, Mayor, City of Lebanon

This will be a facilitated open discussion of issues of interest to city and town officials, including mayors, city engineers, and street commissioners. Following is a tentative list of topics and facilitators.

Highway Funding

John Habermann, Research Engineer, Indiana LTAP

Consultant Selection

Steve Dilk, Local Transportation Area Engineer,
Intermodal Division, INDOT

Federal Aid

Jay DuMontelle, Transportation Financial Specialist,
FHWA Indiana Division

Transportation Planning and Programming

Jon Fricker, Professor of Civil Engineering, Purdue
University

Road School Luncheon

12:00 noon - 1:30 p.m.

North Ballroom
Purdue Memorial Union

Master of Ceremonies

Cristine M. Klika
Commission, INDOT

Invocation

Chase Huber, Commissioner, Miami County

Program

Firooz Zandi

A Retirement Salute to Don Lucas

Don Lucas

*Personal Reflections on the Past, Present,
and Future of Transportation*

Road School Agenda

**Wednesday
March 22**

Concurrent Sessions

From Dull to Dynamic: Transforming Your Presentations

1:30-3:00

Room: 318

Josh Boyd, Assistant Professor of Communication, Purdue University

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 stagefright, building a strong beginning and ending, organizing your thoughts, keeping an audience's attention, and handling a question and answer session effectively.

Information Technology Update

1:30-3:00

Room: 311

Presider: Jim Nugent, Chief, Information Services Division, INDOT

Joint Transportation Research Program Web Portal Update

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

INDOT Project CD Update

Maan Omran, Multi-Media Specialist, Technical Services Division, INDOT

Indiana LTAP Web Site Update

Linda McCormack, Editor and Resource Specialist, Indiana LTAP

Road School Agenda

**Wednesday
March 22**

Concurrent Sessions

Pavement Maintenance Issues

1:30-3:00

Room: 302

Presider: Adam Hand, Assistant Professor, School of Civil Engineering, Purdue University

Ultra-Thin Whitetopping (UTW) for Pavement Rehabilitation

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

Pavement Management Systems at the Local Level

Andrew Harrison, GIS Project Manager, Schneider Corporation

Andrew Williams, P.E. Transportation Project Manager, Schneider Corporation

Intelligent Transportation Systems (ITS) in Indiana

1:30-3:00

Room: 202

Presider: Dan Shamo, ITS Program Engineer, INDOT

Learn what is happening with ITS in Indiana and how Illinois, Indiana, and Wisconsin are sharing ITS information in Illinois' Gateway System.

Dan Shamo, ITS Program Engineer, INDOT

Break Room

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Road School Agenda

Wednesday
March 22

Concurrent Sessions

Maintenance Issues

1:30-4:30

Room: 218 A - D

President: Terry Byrns, Operations Engineer, Seymour District, INDOT

Mowing Procedures and Criteria

Bob Bowen, District Maintenance Field Engineer, INDOT-
Seymour District

Mike Rivers, District Maintenance Field Engineer, INDOT-
Seymour District

Herbicide Programs - Treatments, Weed Control, and Applicator Requirements

Clyde Mason, Landscape Architect, INDOT Greenfield District

Work Site Traffic Control for Daylight Maintenance and Traffic Operations

John Habermann, Research Engineer, Indiana LTAP

BREAK 3:00-3:15 p.m.

Culvert Slip-Liner Repair Method

Jerry Thompson, District Operations Engineer, INDOT-
Vincennes District

Richard Thomas, Operations Field Engineer, INDOT-
Vincennes District

Considerations for Pipe Replacement in Maintenance

Russell Fowler, District Maintenance Field Engineer, INDOT-
Vincennes District

Maintenance Management Systems

Mark Burton, Maintenance Management Supervisor,
Operations Support Division, INDOT

Snow and Ice Pre-Season Inspection and Preparation

Terry Byrns, Operations Engineer, Seymour District, INDOT

Charles Greger, District Equipment Supervisor, INDOT-
Seymour District

Zero Velocity Spreader

Tommy Nantung, Pavement and Materials Engineer, Re-
search Division, INDOT

Snow and Ice Route Planning and Material Storage/Handling

Terry Byrns, Operations Engineer, Seymour District, INDOT

22

Road School Agenda

Wednesday
March 22

Concurrent Sessions

Back to Basics - Selection of Earth Retaining Systems 3 CEU Credit



1:30-4:30 p.m.

Room: 214 A-B

*President: Mary Jo Hamman, Design Development
Section Manager, Design Division, INDOT*

Scott Ludlow, Principal, Earth Exploration, Inc.

This session will be a broad-scoped primer on
temporary and permanent earth retention systems
for use on highway projects as pertains to design/
analysis procedures and selection issues.

BREAK 3:00-3:15 p.m.

Break Room

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available for conference participants on Tuesday
and Wednesday, from 8:30 - 11:30 a.m. and 1:30
to 4:30 p.m .

23

Road School Agenda

Road School Agenda

**Wednesday
March 22**

**Wednesday
March 22**

Concurrent Sessions

Concurrent Sessions

Highway Administration and Management

Financing Local Projects

1:30-4:30 p.m.

1:30-4:30

Room: 310

Room: 306

Presider: Tom Martin, Program Manager, Indiana LTAP

Presider: Rick Whitney, Chief, Policy and Budget Division, INDOT

Understanding Fuel Tax Refunds...Are You Leaving Money on the Table?

State Transportation Improvement Program (STIP) Process

Tom Sullivan, Deputy Administrator, Motor Carrier Services Division, Indiana Department of Revenue

Tim Miller, Scheduling Manager, Policy and Budget Division, INDOT

How to Accomplish a Mega-Project: A Panel Discussion of the 146th Street Project in Hamilton County

Typical Problems Encountered and Their Effects on Funding

Steve Dillinger, Commissioner, Hamilton County
Les Locke, County Engineer, Hamilton County

Bruno Canzian, Local Transportation Manager, Intermodal Division, INDOT

Thomas Downs, Legal Counsel,
Ice Miller Donadio & Ryan

Greg Henneke, Vice President, American Consulting Engineers

BREAK 3:00- 3:15 p.m.

BREAK 3:00-3:15

CPAs are Taking a New Look at Roads...

What It Means to You

Randy Finden, Project Manager, Governmental Standards Accounting Board (GASB), Norwalk, Connecticut

Certification and CE Requirements for Highway Engineers and Supervisors: A Panel Discussion

Andrew Cunningham, Highway Liaison Manager, Local Liaison Division, Nebraska Department of Roads

Hadi Yamin, Visiting Professor, Department of Construction Technology, IUPUI

Break Room
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