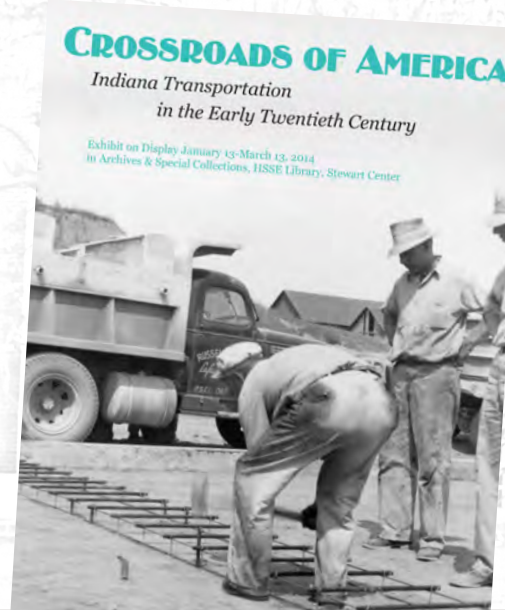




**TUESDAY
MARCH 11**



**HISTORICAL ARCHIVES
OF
INDIANA
TRANSPORTATION
NOW ON DISPLAY**

OPENING AT 1:00 PM TUESDAY
STEWART CENTER; LOCATED INSIDE
THE HUMANITIES, SOCIAL SCIENCE AND
EDUCATION LIBRARY, 4TH FLOOR

TECHNICAL SESSIONS

NEW for Tablet/Mobile—a Google calendar with sessions and descriptions is available at <http://tinyurl.com/100rscal> or use the QR code.



PICK UP YOUR DIRECTORIES

Visit Indiana LTAP in Stewart, Room 311, to receive a free print copy of LTAP's 2014 Directory of Indiana State, County, City, and Town Officials. Electronic copies for the directory are also available to download from the LTAP website (www.purdue.edu/intlap).

PRESENTATION ARCHIVES

Please remember to deposit your presentation on the 2nd Floor of Stewart Center so that you can be a part of the Purdue Road School Archive.



FOLLOW US ON TWITTER
@PURDUERDSCHOOL

7:00–8:45 AM

9:00–11:00 AM

COFFEE WITH EXHIBITORS

OPENING SESSION—LOEB THEATER

ADMINISTRATION	ALTERNATIVE DELIVERY	BICYCLES & PEDESTRIANS	BRIDGES	DESIGN	DRAINAGE	FINANCE	PAVEMENT MANAGEMENT	PAVEMENTS	PORTS, RAIL & FREIGHT	PROJECT MANAGEMENT	ROAD SCHOLAR	SAFETY	SOUTH SPLIT	SPECIAL EVENTS/ PUBLIC SAFETY	TRAFFIC OPERATIONS	WORK ZONE
STEW 311	UNION FACV	STEW 204	STEW 302	STEW 218 AB	STEW 206	STEW 214 CD	STEW 313	STEW 322	STEW 218 CD	STEW 306	KRANNERT AUDITORIUM	STEW 314	STEW 310	UNION FACE	STEW 202	STEW 214 AB

11:00–11:50 AM

11. Jeffersonville's One-of-a-Kind Big 4 Pedestrian Bridge

16. Green Noise Wall Construction and Evaluation

23. MVH Distribution Changes

37. Coordinating Utilities with Roundabouts

LUNCHEON AND STUDENT POSTER EXHIBIT

PURDUE MEMORIAL UNION BALLROOMS

The annual exhibitor luncheon provides an opportunity for attendees to visit with the exhibitors and enjoy a sandwich buffet lunch. **Name badges are required for admission.**

Adjacent to the South Ballroom (in the southwest corner of the Purdue Memorial Union), students will be exhibiting posters showing recently completed research activities. Please take this opportunity to visit with the students and learn about emerging innovations in transportation.

**11:00 AM–1:50 PM
EXHIBITOR LUNCHEON AND STUDENT POSTER EXHIBIT**

ADMINISTRATION	ALTERNATIVE DELIVERY	BICYCLES & PEDESTRIANS	BRIDGES	DESIGN	DRAINAGE	FINANCE	PAVEMENT MANAGEMENT	PAVEMENTS	PORTS, RAIL & FREIGHT	PROJECT MANAGEMENT	ROAD SCHOLAR	SAFETY	SOUTH SPLIT	SPECIAL EVENTS/ PUBLIC SAFETY	TRAFFIC OPERATIONS	WORK ZONE
STEW 311	UNION FACV	STEW 204	STEW 302	STEW 218 AB	STEW 206	STEW 214 CD	STEW 313	STEW 322	STEW 218 CD	STEW 306	KRANNERT AUDITORIUM	STEW 314	STEW 310	UNION FACE	STEW 202	STEW 214 AB

1:00–1:50 PM

1. Update from the FHWA Division Administrator

5. Louisville-Southern Indiana Ohio River Bridges Project Update

10. ADA Law, Regulations, and Practical Experience

12. Internal Curing—An Update on Lessons Learned

17. Roundabout Prequalification Design Training

19. INDOT Hydraulics—New Policies Overview

24. Federally Funded Project Authorization Fundamentals and FMIS

31. Asphalt 101—Producing Binder and Aggregate for Asphalt

38. How to Achieve Right of Way Success

51. Indiana's Traffic Incident Management Effort (IN-TIME)

2:00–2:50 PM

2. Tools for Improving Your Workplace

6. Alternative Delivery 101

10. ADA Law, Regulations, and Practical Experience

13. Arch Bridges over KY Lake and Lake Barkley: Challenges & Opportunities

17. Roundabout Prequalification Design Training

19. INDOT Hydraulics—New Policies Overview

25. Federal Aid 101

32. Asphalt 101—How Asphalt Is Mixed and Placed

39. Kitchen Table Meetings: Applying the Golden Rule to Property Owner Outreach

41. Road Scholar Core Course #6: Basics of a Good Road—Concrete Pavements

42. Good Safety Info: MAP-21, Performance Measures, and Countermeasures

45. South Split Project Planning

51. Indiana's Traffic Incident Management Effort (IN-TIME)

52. High-Resolution Event-Based Data at Diamond Interchanges

58. Why Should You Care About Queuing?

3:00–3:50 PM

3. Who is relying on you during an emergency? Preparing for the Worst

7. The State of PPP and Tolling in Indiana

10. ADA Law, Regulations, and Practical Experience

14. Express Foundations: Benefits and Applications

17. Roundabout Prequalification Design Training

21. Post-Installation Inspection of Drainage Pipe (PII): Tools & Technologies

26. Preparing a Highway/Street Department Budget for Local Units

33. Asphalt 101—Testing and Inspecting to Ensure Quality Paving

35. Intermodal Rail in Indy

40. Buy America Requirements for Utilities

43. Improving Traffic Safety Culture—Public versus Expert Opinions

47. Keeping Customers Informed: The South Split Experience

51. Indiana's Traffic Incident Management Effort (IN-TIME)

54. Traffic Microsimulation as a Design Diagnostic

59. Effective use of Truck Mounted Attenuators (TMAs)

4:00–4:50 PM

4. County Commissioner Roundtable

8. Illiana Expressway: A Project Update

10. ADA Law, Regulations, and Practical Experience

15. Emergency Response to a Bridge Collapse: A Case Study

18. Value Engineering for Project Performance

22. Design, Installation and Application of Precast Box Culverts

27. Indiana Highway Funding—Cost Allocation/Financial Implications

30. Evaluation of Variables Potentially Contributing to Joint Deterioration in Concrete Pavements

34. Portland Limestone Cements

36. America's Inland Port System—Ports of Indiana

44. Identifying Safety Needs and Countermeasures in Safety Planning

49. South Split Project Management

51. Indiana's Traffic Incident Management Effort (IN-TIME)






56. Impacts of the Renewable-Energy Economy on Rural Roads

60. The Temporary Portable Rumble Strip: Road Safety Reinvented







50. South Split Contracting

57. New Roadway Luminaire Technologies

WEDNESDAY MARCH 12

	BICYCLES & PEDESTRIANS	BRIDGES	CONSTRUCTION	DRAINAGE	ENVIRONMENTAL	ETHICS	GEOTECH	INFORMATION TECHNOLOGY	LEADERSHIP	LOCAL COMMUNITY TRANSPORTATION	PAVEMENTS	PORTS, RAIL & FREIGHT	PROJECT MANAGEMENT	SPECIAL EVENTS/ PUBLIC SAFETY	TRAFFIC OPERATIONS	WINTER OPS	WORK ZONE
	STEW 204	STEW 302	STEW 310	STEW 206	STEW 314	FOWLER	STEW 218 AB	STEW 320	STEW 311	STEW 214 CD	STEW 322	STEW 218 CD	STEW 306	UNION FACE	STEW 202	UNION FACW	STEW 214 AB
8:00-8:50 AM	61. Sharing the Road: Driver/Bicyclist Interactions on Rural Roads 62. Targeting User Safety Through Education	69. Advancements in Bridge Inspection and Monitoring	76. Precast Concrete Products: Pre-Installation Guidance	82. Ohio River Bridges: Partial Cane Run Watershed Relocation Case Study	85. Environmental Services Policy and Manuals Updates		93. MSE Wall Systems Approval Criteria and Design Review	99. Information Technology and Local Government	105. Accountability: The Missing Link in Leadership Development	108. LPA Project Development Training Recertification-Session 1		129. Indianapolis Airport and FedEx Operations	135. Assessing and Mitigating Risk in Project Delivery	145. Hazard Communication- The New Globally Harmonized System (GHS) Program and Training Requirements	149. Performance-Based Traffic Signal System Asset Management 150. Traffic Signal Performance Measures for Local Agencies		158. Work Zone Update
9:00-9:50 AM	63. New Ideas for Implementing Active Transportation	70. New Philosophy in Steel Bridge Design and Fabrication	77. Use of DCP and LWD for Compaction Control	83. Working with Regulated Drains	86. INDOT CE-Pitfalls & Potholes 87. The Indiana Bat: What You Need to Know	89B. Indiana Statutes and Rules for Professional Engineers		100. IndianaMap Resources	106. Talent Review: The Rationale for Succession Planning		120. Advanced Rapid Travel Profile Analyses: Fundamental Calculus	130. The Trucking Industry in Indiana		146. IN-TIME Emergency Response Planning	151. 2012 Indiana Mobility Report and Applications	154. Total Liquid Routes and Anti-Icing Liquids	159. Best Practices For Work Zone Traffic Control
10:00-10:50 AM	64. Role of Infrastructure Improvements in Branding and Placemaking 65. Bicycle and Pedestrian Facility Planning as Part of Context Sensitive Solutions	71. Milton-Madison Bridge Slide and Superstructure Demolition	78. ADA-Focused Construction Inspection	84. Indiana Rainfall Patterns and a Network for Future Measurements	88. Indiana's Historic Bridges Programmatic Agreement: Overview	90B. Ethics and the Indiana Law for Professional Engineers	94. Mechanisms and Mitigation of Highway Landslide Collapse in Indiana	101. A Primer on Mobile Devices 102. Apps for Transportation Professionals	107. Leadership Excellence through Accelerated Development	109. LPA Open Panel Discussion	121. Hot Mix Asphalt-The Last 50 Years in Indiana			152. Flashing Yellow Arrow: Design & Operations Updates 153. Implementing Flashing Yellow Arrows in Indiana	155. Combining Truck Mounted Underbody Scrapers with Anti-Icing Methods	160. Poison Ivy Dangers: Preventable Occupational Health Costs	

11:00 AM-12:50 PM 2014 PURDUE ROAD SCHOOL LUNCHEON IN PURDUE MEMORIAL UNION BALLROOMS

	BICYCLES & PEDESTRIANS	BRIDGES	CONSTRUCTION	ETHICS	GEOTECH	INFORMATION TECHNOLOGY	LOCAL COMMUNITY TRANSPORTATION	LOCAL COMMUNITY TRANSPORTATION	PAVEMENT MANAGEMENT	PAVEMENTS	PLANNING	PORTS, RAIL & FREIGHT	PROJECT MANAGEMENT	PUBLIC RELATIONS	SAFETY	SPECIAL EVENTS/ PUBLIC SAFETY	WINTER OPS
	STEW 204	STEW 302	STEW 310	STEW 202	STEW 218 AB	STEW 320	STEW 206	STEW 313	STEW 214 CD	STEW 322	STEW 314	STEW 218 CD	STEW 306	STEW 311	STEW 214 AB	UNION FACE	UNION FACW
1:00-1:50 PM	66. Opportunities and Challenges for Trail Development in Indiana	72. Post-Fracture Capacities of Railroad Flatcar Bridges and Built-up Steel Girders	79. Erosion and Sediment Control Updates		95. Design & Construction Guidelines for Chemical Modification	103. Linking Data to Transportation Research: The Purdue e-Pubs and PURR Model	111. LPA Project Development Training Recertification-Session 2	110. Delphi Stellar Communities Program Overview	116. Preservation Inspection: Why It Is Important	122. SR25 Roller-Compacted Concrete Paving Shoulder Case Study	124. Purdue's Master Plan: A Vision for the Future	131. The Importance of Freight in Indiana	136. Practical Design and Constructability Issues/Avoiding and Minimizing Utility Impacts	138. The Media Wants Me To Talk About What? When? Why?	141. Improving Rural Intersection Safety 142. Road Safety Audits	147. Special Events Traffic Management Case Study: Purdue Football	156. Understanding Weather and Climate Data and Resources
2:00-2:50 PM		73. Use of NDT Tools in Inspecting Stay Cable Bridges	80. Culvert Rehab-Slip Lining Case Study	91. Anti-Trust and Anti-Collusion Issues Related to Road Construction	96. Change Orders Related to Geotechnical Engineering	104. The LTAP Lending Library: From Physical to Digital		112. Utility Coordination and ADAAG/PROWAG Compliance	117. Extending the Life of Asphalt Pavement Joints	123. I-65 South Split Continuously Reinforced Concrete Pavement	125. INDOT's Transportation Asset Management Plan for the NHS	132. MAFC: Multi-State Coalitions to Leverage Freight for Transportation and Economic Development		143. New Developments In Traffic Safety Programs	148. Special Events Traffic Management Case Study: Purdue Football-Panel Discussion	157. INDOT Moves Forward with Tow Plow Strategies	
3:00-3:50 PM	67. "Civil Streets": Paving the Way for Bikes in Bloomington	74. Element Level Bridge Inspection	81. Most Common Errors for ADA Ramp Construction	92. Leading in the Public Eye: Practicing Principled Public Service	97. Drilled Shaft Design & Construction-Integrity Testing Issues		113. US 231: How to Get a State Highway Built When the Funding Falls Short 114. Hoosier Heartland: The Road to Economic Opportunities	115. LPA New Call Application Process	118. Asphalt Rejuvenation for Preservation-Focused Agencies		126. MAP-21, GIS, Road Inventory and You 127. Certified Roads, GIS, and HPMS Attribution	133. Freight Modeling and Traffic Simulation	137. Practical Design: Toward a Culture of Continuous Improvement	139. Planning Innovative and Engaging Public Meetings			
4:00-4:50 PM	68. ADA PROWAG Status and Common Issues/Solutions	75. ERC Session for County Bridge Inspections		98. Radar Interferometry for Geotechnical and Structural Monitoring					119. Busting Crack Sealing Myths		128. Community Context Audits: Best Practices	134. Divisible Loads and Permitting		140. Social Media Strategy and Trends	144. Improving Traffic Safety in Your Community		