

Stanley L. Ring Memorial Library: New acquisitions

Note: A few videos are available in both VHS and DVD format. New videos will generally be in DVD format.

Publications

P 1667 Operational Performance of Kansas Roundabouts: Phase II

This study compared the operational performance of 11 modern roundabouts with other traffic control devices at five locations in Kansas. It found that there were statistically significant reductions in delay, queuing, and proportion of vehicles stopped after the installation of a modern roundabout.

P 1668 Minnesota Snow and Ice Controls: Field Handbook for Snowplow Operators

This handbook is divided into five chapters: Basic Concepts, Before the Winter, Before the Storm, During the Storm, and After the Storm. In addition to standard best practices, it emphasizes improved practices such as anti-icing, prewetting, and pretreating. It also includes application guidelines, materials, materials and quality control, and bibliography and reference information.

P 1669 Common Native Roadside Wildflowers: A Roadside Field Guide for the Western Region

This pocket-sized guide contains color depictions to identify 100 showy native forbs and grasses often found on roadsides.

P 1670 Common Roadside Wildflowers: A Field Guide to Native Forbs and Grasses

This pocket-sized guide contains depictions to identify 100 native forbs and grasses commonly found on highway right-of-way and other natural areas across Eastern America.

P 1671 Diamond Grinding of Portland Cement Concrete Pavements

This pocket-sized book is a checklist for diamond grinding of PCC pavements. It covers responsibilities, project inspection, and common problems and solutions.

P 1672 Dowel-Bar Retrofit for Portland Cement Concrete Pavements

This pocket-sized book is a checklist for dowel-bar retrofit for PCC pavements. It covers responsibilities, project inspection, and common problems and solutions.

P1673 Partial-Depth Repair of Portland Cement Concrete Pavements

This pocket-sized book is a checklist for partial-depth repair of PCC pavements. It

covers responsibilities, project inspection, and common problems and solutions.

P 1674 Full-Depth Repair of Portland Cement Concrete Pavements

This pocket-sized book is a checklist for full-depth repair of PCC pavements. It covers responsibilities, project inspection, and common problems and solutions.

P 1675 Hot In-Place Asphalt Recycling Application Checklist

This pocket-sized book is a checklist for hot in-place asphalt recycling application. It covers responsibilities, project inspection, and common problems and solutions.

P 1676 Cold In-Place Asphalt Recycling Application Checklist

This pocket-sized book is a checklist for cold in-place asphalt recycling application. It covers responsibilities, project inspection, and common problems and solutions.

P 1677 Slurry Seal Application Checklist

This pocket-sized book is a checklist for slurry seal application. It covers responsibilities, project inspection, and common problems and solutions.

DVD

DVD 16 Preventive Maintenance and Surfacing Systems

This video, which was produced by the International Slurry Surfacing Association (ISSA), explains the advantages, benefits, and economics of pavement preservation and slurry system preventive maintenance treatments for existing asphalt roadways. The brochure and video explain in lay terms with graphs and graphics the reasons for acceptance and use of these types of surface treatments.

DVD 22 Flagging in the Work Zone: Safety in Your Hands

This video covers proper flagging practices and techniques that help make the work zone safer for flaggers, workers, and roadway users.

Order LTAP library materials in three ways:

- Order online, www.ctre.iastate.edu/library/search.cfm.
- Contact Jim Hogan, library coordinator, 515-294-9481, hoganj@iastate.edu, fax 515-294-0467.
- Mail or fax the order form on the back cover of *Technology News*.

CD-ROM

CR 73 Pavement Preservation Toolbox: Strategies for Preventive Maintenance Programs

This CD-ROM presents a broad range of preservation strategies, preventive maintenance techniques, and technical information for managers and engineers and program information for planners and policymakers. From evaluation through quality control, these toolbox resources offer practical authoritative guidance on using preservation technologies in highway preservation programs.

CR 74 Standard Specifications for Materials and Methods of Sampling and Testing

This CD-ROM contains more than 400 materials specifications and test methods commonly used in the construction of highway facilities. The specifications have been developed and maintained by states' highway and transportation departments through participation in AASHTO's Subcommittee on Materials. Also included are pertinent ASTM specifications that have been approved by member states and 50 provisional standards.

CR 75 Fracture Critical Inspection Techniques for Steel Bridges: Participant Workbook

This NHI course was developed to further educate bridge inspectors in the hands-on inspection of fracture critical members. It also provides an opportunity for individual experience in the use of selective non-destructive evaluation equipment and techniques.

CR 76 2005 National LTAP Conference

This CD-ROM contains the presentations and photos from the 2005 National LTAP Conference in Dubuque, Iowa.

Library acquisitions continued from page 10

Selected Iowa DOT library new acquisitions

To receive the following publications, contact Hank Zaletel, Iowa DOT librarian, 515-239-1200, hank.zaletel@dot.iowa.gov.

You can search the entire Iowa DOT library online as part of the State Library of Iowa. Go to the LTAP library site, www.ctre.iastate.edu/library/search.cfm; click on Iowa DOT Library.

From Milestones to Mile-Markers: Understanding Historic Roads, Paul Daniel Marriott. Prepared for America's Byways Resource Center by the National Trust for Historic Preservation. 2004, 216p. HE355/M349/2004

Operational Performance of Kansas Roundabouts, Phase II, Eugene R. Russell, Srinivas Mandavilli, and Margaret J. Rys; Kansas State University. Report No. K-TRAN: KSU-02-4. 2005, 138 p. TA1/K13r/KSU/02-4

Performance of a Bridge Deck with Glass Fiber Reinforced Polymer Bars as the Top Mat of Reinforcement, Kimberly A. Phillips and others; Virginia Transportation Research Council. Report No. FHWA/VTRC 05-CR24. 2005, 68p. TA1/V81r/05-CR24

Railroads of Dubuque, John Tigges and James Shaffer; Arcadia Publishing. 2005, 128p. HE2781/.D85/T448/2005

Iowa Historic Property Study: Chicago, Burlington & Quincy Railroad Bridge No. 89, Jan Olive Nash; Tallgrass Historians L.C. 2005, 21p + appendices. TG380/N174/2005

Conference calendar

August 2006

17–18	Mid-Continent Transportation Research Forum	Madison, WI	Get more information online at www.mrutc.org/ResearchPaysOff/index.htm
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September 2006

13–15	10th National Conference on Transportation Planning for Small and Medium-Sized Communities: Tools of the Trade	Nashville, TN	Get more information online at www.trbtoolsofthetrade.org/conference.html
20–22	APWA Fall Conference	Des Moines	Duane Smith 515-294-8103 desmith@iastate.edu
25–27	Iowa Streets and Roads Conference	Ames	Duane Smith 515-294-8103 desmith@iastate.edu

October 2006

10	Iowa Snow and Ice Conference	Ames	Duane Smith 515-294-8103 desmith@iastate.edu
12	Iowa Snow and Ice Conference	Storm Lake	Duane Smith 515-294-8103 desmith@iastate.edu
24	Iowa Snow and Ice Conference	Burlington	Duane Smith 515-294-8103 desmith@iastate.edu
25	Iowa Snow and Ice Conference	Cedar Rapids	Duane Smith 515-294-8103 desmith@iastate.edu
26	Snow Plow Rodeo	Cedar Rapids	Duane Smith 515-294-8103 desmith@iastate.edu

November 2006

2	Traffic and Safety Forum	West Des Moines	Mary Stahlhut 515-239-1169 mary.stahlhut@dot.state.ia.us
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Get more information and/or register online for these events at www.ctre.iastate.edu/calendar/.

10th National Conference on Transportation Planning for Small and Medium-Sized Communities: Tools of the Trade

The Transportation Research Board is sponsoring the 10th National Conference on Transportation Planning for Small and Medium-Sized Communities: Tools of the Trade on September 13–15, 2006, in Nashville, Tennessee. The conference is designed to provide ready-to-use, economical, and practical techniques for transportation professionals in small (under 50,000) and medium-sized (50,000–250,000) communities.

Topics expected to be examined include small urban system planning, livable communities, transit planning, rural transportation planning, technology sharing, project programming process, transportation logistics, public involvement, and environmental issues. ■