



Library news

ORDER library materials any of three ways:

- Order online at www.ctre.iastate.edu/Outreach/ltap/library/search.cfm.
- Use the order form on the back page.
- Contact Jim Hogan, CTRE library coordinator, 515-294-9481. During the winter he's in the office Monday, Wednesday, and Friday mornings.

New videos

V638 Smart Road. Virginia's experimental test road is described in this seven-minute video. The facility can create adverse weather conditions to evaluate items including lighting, signs, pavement markings, traffic operation, and driver behavior.

V634 Preventative Maintenance: Project Selection. This 30-minute video provides an understanding of the various factors, such as existing pavement condition and environmental effects, which must be considered when selecting the proper pavement for preventative maintenance. It also provides a general overview of the various preventative maintenance treatment options and their suitability for a given pavement condition.

V637 Pothole Repair: Proven Practices. This 14-minute video covers techniques to increase the quality of workmanship associated with permanent, semi-permanent, and temporary repair of potholes in Minnesota.

V636 Car Crash. The evolution of auto design from the Model T through tomorrow is covered in this 60-minute video. It shows how safety improvements such as padded dashboards, seat belts, safety glass, "crumple zones," crash tests, and air bags have evolved.

V639 It Only Takes a Second. The office and shop accident re-enactments and consequences shown in this four-minute video provide an excellent opener for safety training and meetings.

V640 Workzone Safety. A discussion of the concept of shop and office safety is included in this 13-minute video. It explains how to anticipate, locate, and remove hazards and discusses the relationship between communication and the security of work areas.

New publications

P1491 Access Management Handbook. This handbook emphasizes the importance of including access management principles in a community's comprehensive development plan. Appendices include the Iowa DOT Primary Road Access Management Policy, and examples of city and county ordinances.

P1492 Access Management Toolkit. This report is a companion piece to P1491 *Access Management Handbook*. It includes frequently asked questions regarding access management.

P1488 Ways of the World. This book gives a comprehensive history of the world's roads, highways, and bridges from prehistoric times to the present.

P1485 Roadside Use of Native Plants. This handbook covers the principles of ecological restoration and management. It includes natural vegetation zones and local expert contacts for each state, a comprehensive list of native plants, and contact names for information on invasive and noxious species.

New CD-ROMs

CR24 Snow Fighting Training Materials. This CD contains training information and materials on winter operations, survival lessons for public officials, and winter planning and organization. It also includes managerial and technical PowerPoint presentations.

CR25 Pavement Preservation: State of the Practice. This CD presents guidelines and technical information for pavement preservation programs from transportation agencies in California, Michigan, Minnesota, and Ohio. It includes decision-making criteria and technical specifications for using the full range of preventative maintenance techniques, as well as information on the costs, benefits, and effectiveness of a variety of innovative preservation strategies.

CR26 Work Zone Operations Best Practices. This CD contains descriptions and points of contact for work zone best practices, collected from across the nation, and covering all aspects of roadway improvement planning, design, and construction. A guidebook is available as item P1474.



New library coordinator

Jim Hogan has joined the staff as library coordinator. From 1965 until 1999, Jim worked for the Iowa division of the Federal Highway Administration as a design, traffic operations, and safety engineer. Before that, he did field construction with the Minnesota Highway Department in the Twin Cities metro area. He earned his MS degree in transportation engineering at Iowa State University. Jim maintains the Local Technical Assistance Program (LTAP) resource library. •