

## Stanley L. Ring Memorial Library: New acquisitions

### Order library materials

ORDER library materials any of three ways:

- Order online at [www.ctre.iastate.edu/library/search.cfm](http://www.ctre.iastate.edu/library/search.cfm).
- Use the order form on the back page.
- Contact Jim Hogan, library coordinator, 515-294-9481, [hoganj@iastate.edu](mailto:hoganj@iastate.edu), fax 515-294-0467.

### New videos

**V671 Scheduled Lives, Stressful Drives: How Advanced Traveler Information Systems Are Changing.** This video describes the advantages of advanced traveler information systems (ATIS) in helping travelers use their time more effectively and regain control over their hectic schedules.

**V672 Winter Driving Safety.** This video shows how to drive safely in winter and why certain rules need to be followed. It addresses appropriate stopping distances in winter weather, the proper use of conventional vs. ABS brakes, how to correct/eliminate skids, and what to do if your vehicle gets stuck in snow and ice.

**V673 Safety Awareness II: The Gory Story.** This video captures employees' attention by making them think "this could be me" through dramatic pictures of actual injuries. A variety of accidents and resulting injuries are covered.

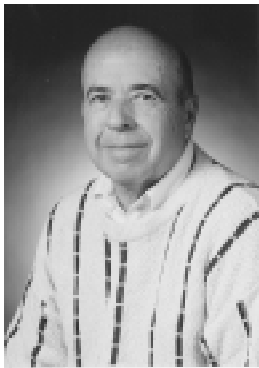
### New publications

**P1583 Maintenance of Signs and Sign Supports for Local Roads and Streets.** This guide explains the importance of maintaining the sign face and cleaning, checking, repairing, and replacing sign panels and small sign supports. It also discusses the materials and equipment used in maintaining signs, the kinds of traffic control needed during sign maintenance, and the importance of sign maintenance records. It can be downloaded from the FHWA website, [www.fhwa.dot.gov/safety/media/pdf/sign\\_support.pdf](http://www.fhwa.dot.gov/safety/media/pdf/sign_support.pdf).

**P1584 Pavement Management, Monitoring, and Accelerated Testing—TRR 1769.** This report contains papers presented at the 2001 Transportation Research Board meeting.

### Check out this useful guide

✓ **P1460 Inspector's Job Guide and Highway Maintenance Tables.** The guide is a 20-page, crush-proof, spiral-bound booklet with 3-1/4 inch by 7 inch, fully laminated pages. It covers pre-inspection duties, safety, uniform color code, concrete and plant mix bituminous paving, base course and truck scale, grading, structures, geotextiles, bituminous surface treatment, storm sewer and culvert pipe installation, seeding, finishing, and wind chill equivalent temperatures. The highway maintenance tables list material amounts needed for various road applications, storage capacities by storage method, weights of various materials (both loose and compacted), compacted hot mix, metric conversion factors, and area formulas. **Contact the library for complimentary copies.**



Jim Hogan  
LTAP library coordinator

### Expert help with gravel roads

Get your *free* FHWA *Gravel Roads Maintenance and Design Manual*, authored by the South Dakota LTAP, through the LTAP library. In particular, the manual discusses

- using surface gravels appropriately, and
- building and maintaining roads that carry heavy trucks and agricultural equipment.

Jim Horner, Cherokee County road maintenance supervisor, says the guide is a good resource for both new and experienced grader operators.

He especially appreciates the information on materials.

"There's such a vast difference in rock," says Horner. "We use mostly river rock in Cherokee County, but east of here it's mostly limestone. And north, they've got a lot of granite."

For free copy(ies) of the manual, contact Jim Hogan. You can also download either of two online versions: [www.epa.gov/owow/nps/gravelman.pdf](http://www.epa.gov/owow/nps/gravelman.pdf), or [www.ltapt2.org/gravelroads.htm](http://www.ltapt2.org/gravelroads.htm).