

Safety Evaluation for Roadways

SAFER Manual

- ✓ *Review road safety*
- ✓ *Identify potential hazards*
- ✓ *Rate safety needs*
- ✓ *Address immediate problems*
- ✓ *Budget for longer term safety improvements*



*Transportation
Information Center*

University of Wisconsin–Madison

This manual was prepared by the University of Wisconsin–Madison, Department of Engineering Professional Development with support from the Federal Highway Administration, the Wisconsin Department of Transportation, and UW–Extension.

It is designed to provide background information and offer an approach for reviewing safety conditions on local roads and streets. It also should help local officials with setting priorities and planning for both immediate action and future improvements.

There are no federal or state requirements for the improvement of roadway safety hazards. This manual is not intended to be a standard. The specific examples and suggestions are given only as examples.

This manual was prepared for the Wisconsin Transportation Information Center by Donald Walker, T.I.C. director; Lynn Entine, *Lynn Entine Writing and Editing*, editor; and Susan Kummer, *Artifax*, graphic design and composition.

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**Transportation
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Publications**

Pavement Surface Evaluation and Rating (PASER) Manuals

Asphalt PASER Manual, 2002, 28 pp.

Brick and Block PASER Manual, 2001, 8 pp.

Concrete PASER Manual, 2002, 28 pp.

Gravel PASER Manual, 2002, 20 pp.

Sealcoat PASER Manual, 2000, 16 pp.

Unimproved Roads PASER Manual, 2001, 12 pp.

Drainage Manual

Local Road Assessment and Improvement, 2000, 16 pp.

SAFER Manual

Safety Evaluation for Roadways, 1996, 40 pp.

Flagger's Handbook (pocket-sized guide), 1998, 22 pp.

Work Zone Safety, Guidelines for Construction, Maintenance, and Utility Operations, (pocket-sized guide), 2002, 58 pp.

Wisconsin Transportation Bulletins

- #1 Understanding and Using Asphalt
- #2 How Vehicle Loads Affect Pavement Performance
- #3 LCC—Life Cycle Cost Analysis
- #4 Road Drainage
- #5 Gravel Roads
- #6 Using Salt and Sand for Winter Road Maintenance
- #7 Signing for Local Roads
- #8 Using Weight Limits to Protect Local Roads
- #9 Pavement Markings
- #10 Seal Coating and Other Asphalt Surface Treatments
- #11 Compaction Improves Pavement Performance
- #12 Roadway Safety and Guardrail
- #13 Dust Control on Unpaved Roads
- #14 Mailbox Safety
- #15 Culverts-Proper Use and Installation
- #16 Geotextiles in Road Construction/Maintenance and Erosion Control
- #17 Managing Utility Cuts
- #18 Roadway Management and Tort Liability in Wisconsin
- #19 The Basics of a Good Road
- #20 Using Recovered Materials in Highway Construction
- #21 Setting Speed Limits on Local Roads

