

University of Minnesota  
Continuing Professional Education  
353 Classroom Office Building  
1994 Buford Avenue  
St. Paul, MN 55108

**Pavement Rehabilitation:  
Products, Processes, and Strategies**

Grand Rapids—February 24, 2009  
Mankato—February 26, 2009  
Medina—February 27, 2009



February 24, 2009  
Saw Mill Inn  
Grand Rapids, MN

February 26, 2009  
Mn/DOT  
Mankato, MN

February 27, 2009  
Hennepin County Public Works  
Medina, MN

*Facilitated by the College of Continuing Education,  
University of Minnesota*

The Minnesota Local Technical Assistance Program (LTAP) at the Center for Transportation Studies, University of Minnesota, presents a workshop on

*Minnesota LTAP is sponsored by the Minnesota Local Road Research Board (LRRB) and the Federal Highway Administration (FHWA).*

*This course is subsidized through funding from LRRB and FHWA.*

# Pavement Rehabilitation: Products, Processes, and Strategies

**Roads Scholar Credit**  
1.0 Required

**Online Registration**  
[www.mnltap.umn.edu/register/PavementRehab](http://www.mnltap.umn.edu/register/PavementRehab)

This workshop is designed to provide an overview of the available technology and tools that make implementing an effective pavement rehabilitation program feasible. A successful pavement rehabilitation program encompasses a full range of rehabilitation strategies as well as maintenance treatments, with the goal of enhancing pavement performance (ride, quality, safety, service life, etc.) and life (LCC, pavement durability). Additionally, the workshop will introduce some new pavement rehabilitation technologies.

### Who Should Attend

Engineers, managers, supervisors, and technicians responsible for pavement maintenance, design, and construction

### Registration and Fees

The registration fee includes lunch, coffee breaks, and program materials. Mail or fax the registration form or register online no later than one week prior to the workshop. Preregistration allows us to contact you if the course must be postponed due to weather or other

### Roads Scholar Program

This workshop (1.0 credit) is an option in fulfilling the required portion of the *Roads Scholar Program*. For *Roads Scholar Program* information and enrollment forms, contact Mindy Carlson with Minnesota LTAP at 612-625-1813 or online at [www.mnltap.umn.edu/roadsscholar](http://www.mnltap.umn.edu/roadsscholar).

factors. A refund of the registration fee, minus a \$30 cancellation fee, will be made if cancellation is received five working days prior to the workshop. Disability accommodations are available upon request.

### Professional Development Hours (PDHs)

To the best of our knowledge, this course/activity meets the continuing education requirements for 6.0 PDHs as outlined in Minnesota Statute 326.107. More information concerning continuing education for professionals is online at [www.aelslagid.state.mn.us](http://www.aelslagid.state.mn.us).

### Informational Contact

Shirley Mueffelman, Continuing Professional Education, University of Minnesota, 612-624-4754, fax: 612-624-6225, e-mail: [ceeconf2@umn.edu](mailto:ceeconf2@umn.edu)

# Pavement Rehabilitation: Products, Processes, and Strategies

## Topics Covered

- Techniques for asphalt and concrete pavement evaluation, including pavement condition rating
- Discussion of how to select the best rehabilitation strategy; choose the right process at the right time on the right project
- Overview of the various rehabilitation processes and their construction practices: asphalt reclamation, cold-in-place recycling, overlays, inlays, and new technology or processes; concrete rehabilitation, overlays, and new technology or processes
- Overview of material properties—how they are used and how to get the best performance from them
- Introduction to pavement and network performance measures and specifications

## Workshop Dates and Locations:

### February 24, 2009

Saw Mill Inn  
2301 Highway 169 South  
Grand Rapids, MN 55744

### February 26, 2009

Mn/DOT  
501 South Victory Drive  
Mankato, MN 56001

### February 27, 2009

Hennepin County Public Works  
1600 Prairie Drive  
Medina, MN 55340

## Course Instructors

**David Rettner**, P.E., has worked with DOTs and local government agencies in several states on pavement rehabilitation, maintenance, and reconstruction projects using both concrete and bituminous materials. As a former Mn/DOT Pavement, Geotechnical, and Research Engineer and with over five years of private sector consulting engineering experience, Rettner provides expertise and experience in the evaluation of pavements as well as the design and successful construction of numerous rehabilitation projects.

**Dan Wegman** has worked with DOTs and local governments in several states with pavement rehabilitation and preventive maintenance strategies. As a former Mn/DOT construction and bituminous engineer and with over a dozen years working as a private sector material supplier, Wegman provides technical insight with respect to materials, construction, and implementation.

Registration begins at 8:00 a.m.

Workshop is scheduled from 8:30 a.m. to 3:30 p.m.

The information on the form below is private data, used to identify and locate you, obtain payment, and enable instructors to better know their audience. Information on this form, except Social Security number, may be shared with instructors and program cosponsors.

The University of Minnesota is an equal opportunity educator and employer. Disability accommodations are available upon request. Alternative formats of this publication are available upon request. Printed on recycled paper with 30% postconsumer waste.

Registration

### Please select location:

- Grand Rapids—Feb. 24 (Event ID 182482)
- Mankato—Feb. 26 (Event ID 182483)
- Medina—Feb. 27 (Event ID 182484)

### Register online:

[www.mnltap.umn.edu/register/PavementRehab](http://www.mnltap.umn.edu/register/PavementRehab)

### Register by mail:

CCE Information Center  
University of Minnesota  
20 Coffey Hall  
1420 Eckles Avenue  
St. Paul, MN 55108-6069

### Register by fax:

612-624-5359 (credit card and purchase orders only)

### Fee:

- \$ 60—Township & Tribal representatives
- \$ 70—City, county, state, and federal representatives
- \$ 150—All others

## Pavement Rehabilitation: Products, Processes, and Strategies

ENGR 0257 / tw

Name (Last) \_\_\_\_\_ (First) \_\_\_\_\_

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If your check is returned because of insufficient funds or closed account, or because you have made a stop payment request, you will be charged a check handling fee of \$20.

Do not include me on a registration list distributed to workshop participants.

### Method of Payment (please check one) 318-1652

- Enclosed is a check or money order payable to *University of Minnesota*.
- Enclosed is a purchase order or letter of authorization to bill my employer.
- Charge to:  VISA  MasterCard  Discover/NOVUS  AMEX

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