Extending Pavement Life through Pavement Preservation Techniques, Strategies, and Preventative Maintenance

Minnesota Roadway Maintenance Training and Demo Day

Hosted by Minnesota Local Technical Assistance Program (LTAP), Center for Transportation Studies, University of Minnesota. Sponsored and subsidized by Minnesota Local Road Research Board (LRRB) and Federal Highway Administration (FHWA). Facilitated by the College of Continuing Education, University of Minnesota.
Extending Pavement Life through Pavement Preservation Techniques, Strategies, and Preventative Maintenance

February 24, 2016, Douglas County Public Works, 526 Willow Drive, Alexandria, MN 56308
March 2, 2016, City of Blaine Public Works, 1801 101st Avenue NE, Blaine, MN 55449
March 9, 2016, Mankato City Center Hotel, 101 East Main Street, Mankato, MN 56001

Registration begins at 8:00 a.m. Workshop is scheduled from 8:30 a.m. to 3:30 p.m.

Workshop Description
This workshop is designed to provide an overview of the available technology and tools that make implementing a pavement preservation program feasible. An effective pavement preservation program encompasses a full range of maintenance strategies, as well as rehabilitation treatments, with the goal of enhancing pavement performance (ride, quality, safety, service life, etc.). Pavement preservation takes the maintenance process one step further by carefully choosing and timing pavement maintenance applications to extend the life of the pavement. Additionally, the workshop will introduce some new preventive maintenance technologies and allow time for specific discussions around attendees’ needs.

Topics Covered
- Techniques for asphalt pavement evaluation, including pavement condition rating
- Discussion of how to select the best maintenance strategy, choose the right treatment at the right time on the right project, and measures to track performance
- Overview of the various maintenance treatments and their construction practices: patching, crack seal/fill, fogseal, chip seal, double chip seal, slurry seal, microsurfacing, bonded thin overlay, thin overlay, new technologies and processes
- Asset Management concepts in raising your pavement network performance on a limited budget
- Best practices in Pavement Preservation Applications
- Targeted Pavement Preservation topics specific to the interests of each attendee

Who Should Attend
Engineers, managers, supervisors, and technicians responsible for asphalt pavement maintenance, design, and construction.
**Workshop Instructors**

Dan Wegman, PE, Braun Intertec, has worked with DOTs and local governments in several states with pavement rehabilitation and preventive maintenance strategies. As a former MnDOT 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.

Tom Wood has been employed for more than 25 years by the Minnesota Department of Transportation, where he works on pavement preventative maintenance methods with the Office of Materials. He also has worked for Koch Materials Company as a technical representative specializing in surface treatments for hot-mix asphalt pavement.

**Registration and Fees**

The registration fee includes lunch, coffee breaks, and program materials. 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** (6.0 PDHs)

**Roads Scholar Program** (1.0 Required)

**Additional Training You May Be Interested In:**

**Work Zone Control Seminar**

Please visit the website for more information:
mnltap.umn.edu/training/topic/traffic/workzone

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The University of Minnesota is an equal opportunity educator and employer. Disability accommodations are available upon request. Printed on recycled paper with 20% postconsumer waste.
Minnesota Roadway Maintenance Training and Demo Day

May 19, 2016, Camp Ripley, Education Center Auditorium, 15000 Highway 115, Little Falls, MN 56345

Registration and Continental Breakfast 7:00 a.m.
Classroom Sessions and Demos are scheduled from 8:00 a.m. to 3:15 p.m.

Classroom Sessions and Demos
This one-day event will highlight the latest practices, innovations, and research related to Minnesota’s roadway maintenance operations. The event focuses exclusively on education and technology exchange through classroom sessions and outdoor demonstrations.

Topics Covered
- Culvert installation and maintenance
- Gravel road maintenance
- Roadside vegetation management
- Cargo securement requirements
- Changes in CDL driving rules

Roads Scholar Ceremony
Graduates for the year are honored during a ceremony at this event.

Who Should Attend
Maintenance operators, supervisors, and transportation and research implementation personnel from township, tribal, city, county, and state agencies who are seeking continued education and knowledge-building opportunities.

Registration and Fees
The registration fee includes attendance at general sessions and outdoor demonstrations, instructional materials, lunch, and refreshment breaks. If you need to cancel your registration, a refund (minus $30) will be issued if you cancel by May 5, 2016. Cancellations after this date will not be eligible for a refund.

Location and Accommodations
This event will be held at Camp Ripley, Education Center Auditorium, 15000 Highway 115, Little Falls, MN 56345. Parking is available on the east side of the Education Center.

Accommodations are available at Camp Ripley, Education Center Housing. To make a reservation, please call 320-616-3140. Cost is $30 per room per night.

Professional Development Hours (6.0 PDHs)
Roads Scholar Program (1.0 Elective)
Registration Form

Name (Last)* (First)*

Employer / Organization* Title

Address*

City* State* ZIP Code*

E-mail*

Telephone   Fax

*Information in the section above is private data. Items marked by an asterisk (*) are required for identification and to establish your student record. Information is shared with the registrar's office, your instructor, and other University offices for the purposes of record keeping, affirmative action, and reporting.

1 Extending Pavement Life through Pavement Preservation Techniques, Strategies, and Preventative Maintenance

(Please select location) (Please select fee)

_____February 24, Alexandria - (CF0091)  ☐ $60 Township and Tribal representatives

_____March 2, Blaine - (CF0094)  ☐ $70 City, County, State, and Federal representatives

_____March 9, Mankato - (CF0095)  ☐ $150 All others

Register online (credit card only): mntlta.umn.edu/pavementpreservation

2 Minnesota Roadway Maintenance Training and Demo Day

(Please select location) (Fee)

_____May 19, Camp Ripley, Little Falls - (CF0092)  ☐ $125

Register online (credit card only): mntlta.umn.edu/training/roadway

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.

Method of Payment (please check one)

☐ 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 ☐ AMEX

Account number Expiration date

Name as printed on card Signature

Register by fax: 612-624-5359

Register by mail:
CCE Registration Center
University of Minnesota
201 Coffey Hall
1420 Eckles Avenue.
St. Paul, MN 55108-6069