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

Lakeville, February 13
Detroit Lakes, February 15
Duluth, February 27

Roads Scholar Credit: 1
Extending Pavement Life Through Pavement Preservation Techniques, Strategies, and Preventative Maintenance

February 13, 2018, City of Lakeville Water Treatment Facility, 18400 Ipava Avenue, Lakeville, MN 55044
February 15, 2018, Holiday Inn, 1155 Hwy 10 East, Detroit Lakes, MN 56501
February 27, 2018, Holiday Inn, 200 West 1st Street, Duluth, MN 55801

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, chipseal, double chipseal, slurry seal, microsurfacing, thin overlay, bonded thin overlay, and 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 class’ attendees
Potential Topics
- Safety considerations
- Stripping/delamination under chipseals
- Airport pavements
- Preserving cul-de-sacs, parking lots, trails
- Material considerations: emulsions and aggregate
- Equipment considerations
- QC/QA and specifications to assure success
- Process selection
- Others—provided by attendees to address specific concerns.

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 government agencies 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, Pavement Specialist, WSB & Associates Inc., has worked in road construction/maintenance for over 40 years. He has a blend of public and private service experience. For the last 18 years he has worked on pavement preservation treatments specializing in emulsion base methods. He also teaches classes for numerous LTAPs and the National Center for Pavement Preservation. Mr. Wood retired from MnDOT early in July 2016 with over 28 years of service. He currently works for WSB & Associates, continuing to promote the use of pavement preservation as method to extend pavement’s useful life.

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
This workshop offers 1.0 credit in fulfilling 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 mnltap.umn.edu/roadsscholar.

Program and Registration Information Contact
Marie Villano, College of Continuing and Professional Studies, University of Minnesota, 612-624-4972, fax: 612-624-5359, email: ccapsconf2@umn.edu

*The University of Minnesota is an equal opportunity educator and employer. Disability accommodations are available upon request.*
# Registration Form

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*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.

## Extending Pavement Life Through Pavement Preservation Techniques, Strategies, and Preventative Maintenance

**ENGR X532**

### Please select location:
- [ ] February 13, Lakeville (001)
- [ ] February 15, Detroit Lakes (002)
- [ ] February 27, Duluth (003)

### Please select fee:
- [ ] $60 Township and Tribal representatives
- [ ] $70 City, County, State, and Federal representatives
- [ ] $150 All other

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

*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

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### Register by fax:
612-624-5359

### Register by mail:
CCAPS Registration Center
University of Minnesota
353 Ruttan Hall
1994 Buford Avenue
Saint Paul, MN 55108