Winter Road Maintenance: Equipment Calibration Hands-On Demonstration

October 8, 2013 in Beloit  ▪  October 9, 2013 in Fond du Lac  ▪  October 10, 2013 in Manitowoc

Topics will include:

- Minimizing salt cost and environmental impact
- Calibrating salt/sand spreaders
- Hands-on field demonstration of calibration procedures

Plan to Attend

You will benefit from this workshop if you are responsible for operation or supervision of winter maintenance. Anyone who wants to save money by properly calibrating salt/sand spreaders should attend, including managers, superintendents, foremen, equipment operators, and others.

Workshop Schedule

7:45  Check-In
8:00  Introduction
8:15  Minimizing Cost and Environmental Impact of Salt
   • How salt and other deicers melt snow and ice
   • Environmental impacts
   • Selecting the best application strategy and application rate for storm conditions
8:45  Salt/Sand Spreaders and Spreader Controls – The Basics
   • Spreader and spreader controller equipment
   • Ground speed control of spreaders
   • Innovative technologies
9:15  Calibration Procedures Explained
   • Calibration procedures for non-ground speed controlled equipment
   • Calibration procedures for ground speed controlled equipment
   • Calculation of results
   • Adjusting equipment
9:45  Break
10:15  Field Demonstration of Calibration of Salt Spreaders
   • Demonstration of calibration of ground speed controlled and non-ground speed controlled equipment
12:00  Lunch
12:45  Putting Salt Where You Want It
   • Understanding salt bounce and scatter
   • Prewetting
   • Application speed
   • Spinner use
1:45  Field Demonstration of Spread Patterns
3:00  Discussion/Questions and Answers
3:00  Final Adjournment

Dates and Locations

October 8, 2013 in Beloit, Wisconsin
City of Beloit Department of Public Works Operations Facility
2351 Springbrook Court
Beloit, WI 53511
I-90/I-39 to WI Hwy 81 (Exit 185), West on Hwy 81, left on Willowbrook Rd., right on Springbrook Ct.

October 9, 2013 in Fond du Lac, Wisconsin
City of Fond du Lac Department of Public Works
530 Doty Street
Fond Du Lac, WI 54935
U.S. Hwy 41 to WI Hwy 23 / Johnson St. (Exit #99), East on WI Hwy 23/ Johnson St., left on Hickory St, right on Scott St., left on Doty St.

October 10, 2013 in Manitowoc, Wisconsin
Manitowoc County Highway Department
3500 WI Hwy 310
Manitowoc, WI 54220
1.8 miles east of I-43, on WI Hwy 310. Park on the east side of the building.

Your Instructors

Mark Cornwell is the Principal of Sustainable Salting Solutions, LLC, Holly, Michigan. He has conducted winter maintenance training programs in several U.S. states and Canada and is a member of the Winter Maintenance Subcommittees of both the Transportation Research Board and American Public Works Association.

Ben Jordan, PE, is Staff Engineer with the Wisconsin Transportation Information Center. He has more than 25 years of experience in civil engineering and public works management.

Steve Wells is the Hydraulics & Controls Sales Manager for Monroe Truck Equipment, Monroe, Wisconsin.

Nick Wiegmann is a Hydraulics and Controls service technician for Monroe Truck Equipment, Monroe, Wisconsin.

Enroll online today! tic.engr.wisc.edu/workshops/listing.lasso
Other Upcoming TIC Workshops

Management Assessment
October 1, 2013
Madison, Wisconsin

Nuts and Bolts of Personnel Management
October 23, 2013
Fond du Lac, Wisconsin

Fundamentals of Government and Ethics
November 6, 2013
Madison, Wisconsin

Highway Safety
November 18, 2013
Green Bay, Wisconsin

November 19, 2013
Wausau, Wisconsin

November 20, 2013
Eau Claire, Wisconsin

November 21, 2013
Wisconsin Dells, Wisconsin

Advanced Communication Skills
November 20, 2013
Fond du Lac, Wisconsin

Purchasing and Inventory Control
December 11, 2013
Madison, Wisconsin

Watch your mail and Crossroads newsletter for details or visit:
tic.engr.wisc.edu/workshops

About TIC

The Transportation Information Center (TIC) provides training, technical materials, and assistance to Wisconsin local highway agencies. We are a part of the national Local Technical Assistance Program supported by the Federal Highway Administration. The University of Wisconsin operates TIC with support from the Wisconsin Department of Transportation.

For questions or assistance from TIC, call 800-442-4615 or write to us at: UW–Madison TIC Room 811 432 North Lake Street Madison, WI 53706 or visit the TIC website: tic.engr.wisc.edu

Four Easy Ways to Enroll

Course Information

Please enroll me in Winter Road Maintenance: Equipment Calibration Hands-On Demonstration

- Course #P329 October 8, 2013 in Beloit, Wisconsin
- Course #P330 October 9, 2013 in Fond du Lac, Wisconsin
- Course #P331 October 8, 2013 in Manitowoc, Wisconsin

Fee: $80 (includes lunch)

Enrollment limited!

Personal Information (Please print clearly.)

Name ____________________________________________________________
Title ____________________________________________________________
Company ________________________________________________________
Address _________________________________________________________
City/State/Zip ____________________________________________________
Phone (_____ ) __________________________ Fax (_____ ) ________________
E-mail __________________________________________________________

Billing Information

- Bill my company
- P.O. or check enclosed

Cardholder’s Name ______________________________________________
Card No. ____________________________ Expires _________________

Need to Know More?

Call toll free 800-462-0876 and ask for
Program Director: Ben Jordan
608-265-4478

Program Associate: Katie Lennon
Or e-mail tic@epd.engr.wisc.edu

Advance enrollment is required to ensure your space.
Call 800-462-0876 or 608-262-1299.

TRANSPORTATION Information Center