

SNOW & ICE OPERATIONS

COURSE DESCRIPTION

This course will teach planning for winter weather and cover:

- The proper use of salt and liquid anti-icers and the environmental impacts.
- Pre wetting and pre-treating
- Anti-icing vs. De-icing.
- The use of sand and it's environmental impact.
- Equipment calibration, usage specification and technology.
- Snow and ice policy for public review.
- Cost benefit analysis of salt vs. sand.

TARGET AUDIENCE

All drivers, Foreman, supervisors and anyone who will be responsible for snow and ice removal. Finance committee members, Selectmen and Mayors are also encourages to attend.

INSTRUCTOR

Mike Smith

Michael Smith is the Baystate Roads Technical Training Specialist. He was a Highway Superintendent for 20 years where he developed and implemented modern road maintenance techniques. Mike was responsible for day to day operation and long range planning for the municipality. Before retiring in 2015, Mike was also a firefighter for 34 years. He is a lifelong resident of Heath, Massachusetts, whose teaching style includes a healthy portion of humor and student interaction. Mike can be reached at: mdsmith@umass.edu

October 9, 2019

Sturbridge Public Safety Complex, 346 Main Street, Sturbridge,

October 28, 2019

C.O.M.M. Fire, Second Floor, 1875 Falmouth Rd., Barnstable

November 7, 2019

Skyline Country Club, 405 South Main Street, Lanesborough

November 12, 2019

Hamilton-Wenham Public Library, 14 Union Street, South Hamilton

The Course counts towards 1.0 Roads Scholar Credit/0.6 CEUs

This event is accessible to people with disabilities and individuals with limited English proficiency. If you need a reasonable accommodation (such as American Sign Language Interpreters, assistive listening devices, handouts in alternate formats, etc.) and/or language assistance (such as translated documents or an interpreter) to fully participate, please contact Cindy Schaedig at 413-588-4549 or cschaedig@ecs.umass.edu at least 14 days prior to the event. Such services are provided free of charge.

This Baystate Roads (LTAP) workshop is a cooperative effort of the Federal Highway Administration, the Massachusetts Department of Transportation and the University of Massachusetts Transportation Center.



Agenda

8:00 AM Course Introduction/Objectives
Planning for Snow Operations:
Level of Service

Written Plan/Policy Documents
Record Keeping

Break

Environmental Responsibility:
Best Practices

Equipment & Technology:

Trucks, Spreaders, etc.

Calibration of Equipment

Snow and Ice Control Materials:

Salt

Liquids

Sand and Other Mixtures

Exothermic vs Endothermic reactions

Lunch

Strategies and Tactics:

Anti-Icing vs. Deicing

Pre-Wetting and Pre-Treating

Break

Storm Types

Benefits vs. Costs

3:00 PM Evaluations and Adjourn

