

**Road Weather Management Program
Best Practices for Road Weather Management**

PUBLICATIONS LIST

TITLE:

IOWA DOT WEATHER INFORMATION SYSTEM TO SUPPORT WINTER MAINTENANCE OPERATIONS

ABSTRACT:

Understanding and interpreting weather information can be critical to the success of any winter snow and ice removal operation. Knowing when, where and what type of deicing material to use for a particular winter weather event can be a challenge. Knowing where to find the weather information needed to make decisions and what information to use can also be difficult. The Maintenance Division of the Iowa DOT has taken a number of steps to provide supervisors and operators with the weather information and training they need to make better operational decisions. A fifty-site RWIS coupled with a satellite delivered weather information system at nearly every maintenance garage have been sources for real-time weather information.

SOURCE(S):

<http://www.ctre.iastate.edu/pubs/midcon/front.pdf>

Keyword(s):

RWIS, Winter maintenance, Traveler information, Weather information