

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

**PUBLICATIONS LIST**

---

**TITLE:**

HIGHWAY DEICING: COMPARING SALT AND CALCIUM  
MAGNESIUM ACETATE (SPECIAL REPORT 235)

**ABSTRACT:**

Deicing chemicals are important tools for highway snow and ice control. The National Research Council conducted a study to examine the full economic costs of using salt and CMA for highway deicing. The report defines the true cost of salt; estimates of monetary costs involved in mitigating environmental damage from road salt; summaries of the field performance, infrastructure and environmental impacts, production technologies and costs of CMA.

**SOURCE(S):**

<http://gulliver.trb.org/publications/sr/sr235.html>

**Keyword(s):**

Winter maintenance, Anti-icing/deicing, Chemicals, Safety, Productivity